



Department of Energy
National Nuclear Security Administration
Nevada Field Office
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MAY 06 2014

Christine Andres, Chief
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**SUBMITTAL OF THE POST-CLOSURE INSPECTION LETTER REPORT FOR
CORRECTIVE ACTION UNITS ON THE NEVADA NATIONAL SECURITY SITE,
MAY 2014**

This letter serves as the post-closure inspection letter report for Corrective Action Units (CAUs) on the Nevada National Security Site for calendar year 2013. The inspections identified maintenance and repair is required at the following sites: sign and/or fence repair is necessary at CAUs 113, 137, 139, 140, 143, 262, 370, 371, 372, 374, 476, 478, 529, 542, and 560; animal burrows were identified at CAU 547; and erosion was identified at CAUs 366, 367, 383, 551, and 574. In addition, the following use restrictions were removed during 2013 and will no longer be inspected in 2014: 165, 357, and 528.

INDUSTRIAL SITES

The following sites were closed in place with use restrictions (URs) under the Industrial Sites Activity.

CAU 5, Landfills

Eight Corrective Action Sites (CASs) require inspections once every 5 years until 2036. The last inspection was performed in 2011, and the next inspection will be performed in 2016.

CAU 37, Area 16 Camp Burn Pit

CAS 16-15-01 requires an inspection every 5 years until 2026. The last required inspection was performed in 2011 and was reported in a separate document from this letter report. The next inspection will be performed in 2016. Future inspections will be included in this letter report.

CAU 38, Area 19 Pahute Mesa Road Landfill

CAS 19-15-01 requires an inspection every 5 years until 2026. The last required inspection was performed in 2011 and was reported in a separate document from this letter report. The next inspection will be performed in 2016. Future inspections will be included in this letter report.

CAU 39, Area 20 Pahute Lake Landfill

CAS 20-15-02 requires an inspection every 5 years until 2026. The last required inspection was performed in 2011 and was reported in a separate document from this letter report. The next inspection will be performed in 2016. Future inspections will be included in this letter report.

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CAU 40, Area 25 Cane Springs Landfill

CAS 25-15-03 requires an inspection every 5 years until 2026. The last required inspection was performed in 2011 and was reported in a separate document from this letter report. The next inspection will be performed in 2016. Future inspections will be included in this letter report.

CAU 41, Area 27 Landfill

CAS 27-15-01 requires an inspection every 5 years until 2026. The last required inspection was performed in 2011 and was reported in a separate document from this letter report. The next inspection will be performed in 2016. Future inspections will be included in this letter report.

CAU 42, Area 30 Landfill

CAS 30-15-01 requires an inspection every 5 years until 2026. The last required inspection was performed in 2011 and was reported in a separate document from this letter report. The next inspection will be performed in 2016. Future inspections will be included in this letter report.

CAU 43, Area 3 BJJ Disposal Site

CAS 03-08-01 requires an inspection every 5 years until 2026. The last required inspection was performed in 2011 and was reported in a separate document from this letter report. The next inspection will be performed in 2016. Future inspections will be included in this letter report.

CAU 44, Area 25 FOC Construction Landfills

CAS 25-16-02 and CAS 25-16-04 require inspections every 5 years until 2026. The last required inspections were performed in 2011 and were reported in a separate document from this letter report. The next inspections will be performed in 2016. Future inspections will be included in this letter report.

CAU 113, Area 25 R-MAD Facility

One CAS requires inspections. CAS 25-41-01 was inspected on November 4, 2013. New "WARNING" stickers were placed over faded text on four signs. No additional issues were identified.

CAU 115, Area 25 Test Cell A Facility

One CAS requires inspections. CAS 25-41-04 was inspected on November 4, 2013. No issues were identified.

CAU 116, Area 25 Test Cell C Facility

One CAS requires inspections. CAS 25-41-05 was inspected on November 12, 2013. No issues were identified.

CAU 118, Area 27 Super Kukla Facility

One CAS requires inspections. CAS 27-41-01 was inspected on November 25, 2013. No issues were identified.

CAU 127, Areas 25 and 26 Storage Tanks

Two CASs require inspections. CAS 25-01-07 was inspected on November 7, 2013. CAS 25-02-02 was inspected on November 12, 2013. Minor sign maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, no additional issues were identified.

CAU 137, Waste Disposal Sites

Four CASs require inspections. CAS 01-08-01 and CAS 07-23-02 were inspected on October 30, 2013. CAS 12-08-01 and CAS 12-23-07 were inspected on October 14, 2013. Minor sign maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, a new "WARNING" sticker was placed over faded text on one sign at the sites in Area 12, which was completed during the inspection. No additional issues were identified.

CAU 139, Waste Disposal Sites

Two CASs require inspections. CAS 06-19-03 was inspected on October 30, 2013. CAS 09-23-01 was inspected on October 22, 2013. Minor sign and fence maintenance and erosion repair identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, new "WARNING" stickers were placed over faded text on four signs at CAS 09-23-01. Additionally, minor erosion rills were identified on the cover at CAS 06-19-03. The erosion repair will be completed in 2014. No additional issues were identified.

CAU 140, Waste Dumps, Burn Pits, and Storage Area

Two CASs require inspections. CAS 05-23-01 was inspected on October 30, 2013. CAS 23-17-01 was inspected on December 3, 2013. A new "WARNING" sticker was placed over faded text on one sign at CAS 23-17-01. No additional issues were identified.

CAU 143, Area 25 Contaminated Waste Dumps

Two CASs require inspections. CAS 25-23-03 was inspected on November 7, 2013. CAS 25-23-09 was inspected on November 4, 2013. Minor sign and fence maintenance and erosion repair identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, new "WARNING" stickers were placed over faded text on two signs at CAS 25-23-03. No additional issues were identified.

CAU 145, Wells and Storage Holes

One CAS requires inspections. CAS 03-25-01 was inspected on November 4, 2013. No issues were identified.

CAU 151, Septic Systems and Discharge Area

One CAS requires inspections. CAS 12-03-01 (Lagoon A) was inspected on October 14, 2013. No issues were identified.

CAU 165, Area 25 and 26 Dry Well and Washdown Areas

The UR for CAS 25-20-01 was removed in an October 2013 Addendum to the Closure Report for CAU 165. A final site inspection was conducted on November 7, 2013, to document site conditions prior to removal of the signs, which will take place in 2014.

CAU 168, Area 25 and 26 Contaminated Materials and Waste Dumps

Three CASs require inspections every 5 years until 2036. The last inspection was performed in 2011, and the next inspection will be performed in 2016.

CAU 204, Storage Bunkers

Five CASs require inspections. CAS 01-34-01 was inspected on October 30, 2013. CAS 02-34-01 was inspected on October 22, 2013. CAS 03-34-01 was inspected on November 4, 2013. CAS 05-18-02 and CAS 05-33-01 were inspected on October 30, 2013. Securing of the bunker openings and minor sign maintenance activities identified in 2012 were completed prior to the 2013 inspections. During the 2013 inspections, no issues were identified.

CAU 254, Area 25 R-MAD Decontamination Facility

One CAS requires inspections. CAS 25-23-06 was inspected on November 4, 2013. No issues were identified.

CAU 261, Area 25 Test Cell A Leachfield System

One CAS requires inspections. CAS 25-05-01 was inspected on November 4, 2013. Minor sign maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspection, no issues were identified.

CAU 262, Area 25 Septic Systems and UDP

Three CASs require inspections. CAS 25-02-06 was inspected on November 7, 2013. CAS 25-05-03 was inspected on November 4, 2013. CAS 25-05-08 was inspected on November 12, 2013. Minor sign maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, one sign was down at CAS 25-02-06 that will be replaced in 2014. No additional issues were identified.

CAU 309, Area 12 Muckpiles

Three CASs require inspections. CAS 12-06-09, CAS 12-08-02, and CAS 12-28-01 were inspected on October 14, 2013. No issues were identified.

CAU 322, Areas 1 & 3 Release Sites and Injection Wells

CAS 03-20-05 requires an inspection every 5 years until 2036. The last inspection was performed in 2011, and the next inspection will be performed in 2016.

CAU 333, U-3auS Disposal Site

CAS 03-16-01 requires an inspection every 5 years until 2026. The last inspection was performed in 2011, and the next inspection will be performed in 2016.

CAU 357, Mud Pits and Waste Dump

Two CASs require inspections. CAS 10-09-06 was inspected on October 22, 2013. CAS 25-15-01 was inspected on November 4, 2013. Minor sign maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, no issues were identified.

The UR for CAS 04-26-03 was removed in an October 2013 Addendum to the Closure Report for CAU 357. A final site inspection was conducted on October 30, 2013, to document site conditions prior to removal of the signs, which will take place in 2014.

CAU 364, Area 25 RMAD Landfills

CAS 25-15-02 requires an inspection every 5 years until 2026. The last required inspection was performed in 2011 and was reported in a separate document from this letter report. The next inspection will be performed in 2016. Future inspections will be included in this letter report.

CAU 399, Area 18 Disposal Site

CAS 18-16-01 requires an inspection every 5 years until 2026. The last required inspection was performed in 2011 and was reported in a separate document from this letter report. The next inspection will be performed in 2016. Future inspections will be included in this letter report.

CAU 528, Polychlorinated Biphenyls Contamination

CAS 25-27-03 requires an inspection every 5 years until 2036. The last annual inspection was performed in 2011, and the next inspection will be performed in 2016. The URs for parcels 1, 5, and 6 were removed in a December 2013 Record of Technical Change to the Closure Report for CAU 528. Removal of the UR signs will be completed in 2014.

CAU 529, Area 25 Contaminated Materials

One CAS requires inspections. CAS 25-23-17, which consists of two parcels (E and H), was inspected on November 12, 2013. Minor fence maintenance identified in 2012 was completed prior to the 2013 inspection. During the 2013 inspection, one sign was down at Parcel E that will be replaced in 2014. No additional issues were identified.

The UR for Parcel H was removed in an October 2013 Addendum to the Closure Report for CAU 529. Removal of the UR signs will be completed in 2014.

CAU 539, Areas 25 and 26 Railroad Tracks

One CAS requires inspections. CAS 25-99-21 was inspected on November 12, 2013. One sign was loose that will be secured in 2014. No additional issues were identified.

CAU 542, Disposal Holes

Five CASs require inspections. CAS 03-20-07, CAS 03-20-09, CAS 03-20-10, CAS 03-20-11, and CAS 06-20-03 were inspected on November 4, 2013. Minor sign repair identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, one sign was down and one sign was loose at CAS 03-20-09 that will be replaced in 2014. No additional issues were identified.

CAU 543, Liquid Disposal Units

Three CASs require inspections. CAS 06-07-01 was inspected on October 30, 2013. CAS 15-01-03 and CAS 15-23-03 were inspected on October 14, 2013. Minor fence maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, no issues were identified.

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CAU 544, Cellars, Mud Pits, and Oil Spills

One CAS requires inspections. CAS 20-25-04 was inspected on October 1, 2013. No issues were identified.

CAU 545, Dumps, Waste Disposal Sites, and Buried Radioactive Materials

Two CASs require inspections. CAS 03-08-03 and CAS 03-23-05 were inspected on November 4, 2013. Minor sign and fence maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, no issues were identified.

CAU 546, Injection Well and Surface Releases

One CAS requires inspections. CAS 09-20-01 was inspected on October 22, 2013. No issues were identified.

CAU 547, Miscellaneous Contaminated Waste Sites

Three CASs require inspections. Inspections are required at CAS 02-37-02, CAS 03-99-19, and CAS 09-99-06 quarterly and in the event that precipitation occurs in excess of 1.0 inch (in.) in a 24-hour period. There were no precipitation events in 2013 that required additional inspections. A quarterly inspection was performed on March 11, 2013, at CAS 02-37-02, CAS 03-99-19, and CAS 09-99-06. Animal burrows were noted at CAS 03-99-19. No additional issues were identified. The animal burrows were backfilled on April 3, 2013.

A quarterly inspection was performed on June 12, 2013, at CAS 02-37-02, CAS 03-99-19, and CAS 09-99-06. No issues were identified.

A quarterly inspection was performed on September 12, 2013, at CAS 02-37-02, CAS 03-99-19, and CAS 09-99-06. No issues were identified.

A quarterly inspection was performed on December 9, 2013, at CAS 02-37-02, CAS 03-99-19, and CAS 09-99-06. No issues were identified.

CAU 551, Area 12 Muckpiles

Four CASs require inspections. These sites are co-located with CAU 574, CAS 12-23-10, and the inspections are reported on a single checklist for both CAUs. Precipitation events in July 2013 resulted in significant runoff and erosion damage to the access road for E-Tunnel in Area 12. This road provides access to CAUs 383, 551, and 574. In addition, a large amount of sediment was deposited in the wash at the E-Tunnel access road turnoff, completely filling the culvert and its catch basin, resulting in the migration of sediment from the CAU 551 UR onto the access road. The culvert is no longer functional and cannot be repaired. Inspection of the road and culvert is included in the post-closure requirements for CAU 551. Maintenance was required to address the erosion and ensure continued access for monitoring and maintenance of the use restricted CAUs that are located beyond the culvert.

Following these events, radiological control personnel performed surveys and found no evidence of contamination migrating outside the UR boundaries. After a site visit with Nevada Division of Environmental Protection (NDEP) representatives on August 29, 2013, it was agreed that no

sampling would be required, and repair or replacement of the culvert would not be necessary if the road was re-graded to direct runoff to the opposite side of the road from the E-Tunnel Wastewater Disposal System.

In spring 2014, the road was graded up to the first berm associated with CAU 551 and sloped away from the CAU 383 and CAU 551 URs and the E-Tunnel Wastewater Disposal System to divert runoff to the opposite side of the road. The culvert will not be repaired. Instead, a low diversion berm was placed across the road. This berm will divert future runoff from the CAU 551 UR into the drainage ditch on the opposite side of the road. This is expected to reduce erosion on the lower portion of the access road. These repairs will be documented in a separate letter in 2014 and summarized in the 2014 annual letter report.

CAS 12-01-09, CAS 12-06-05, CAS 12-06-07, and CAS 12-06-08 were inspected on October 14, 2013. No additional issues were identified.

CAU 552, Area 12 Muckpile and Ponds

One CAS requires inspections. CAS 12-23-05 was inspected on October 14, 2013. No issues were identified.

CAU 554, Area 23 Release Site

One CAS requires inspections. CAS 23-02-08 was inspected on December 3, 2013. No issues were identified.

CAU 560, Septic Systems

Two CASs require inspections. CAS 06-05-03 and CAS 06-05-04 were inspected on October 30, 2013. Two signs were damaged that will be replaced in 2014. No additional issues were identified.

CAU 561, Waste Disposal Areas

One CAS requires inspections. CAS 02-08-02 was inspected on October 22, 2013. No issues were identified.

CAU 566, EMAD Compound

One CAS requires inspections. CAS 25-99-20 was inspected on November 7, 2013. No issues were identified.

SOILS SITES

The following sites were closed in place with URs under the Soils Activity.

CAU 105, Area 2 Yucca Flat Atmospheric Test Sites

Four CASs require inspections. There is one use-restricted area associated with CAS 02-23-04, CAS 02-23-08, and CAS 02-23-09. The inspection was performed on December 9, 2013. CAS 02-23-05 was also inspected on December 9, 2013. At the time of the inspections, the Closure Report was not yet approved. However, the UR signs had been installed, and these initial inspections were performed to assist in checklist development. No issues were identified.

CAU 107, Low Impact Soil Sites

Two CASs require inspections. CAS 03-23-29 was inspected on November 4, 2013. CAS 18-23-02 was inspected on October 7, 2013. No issues were identified.

CAU 365, Baneberry Contamination Area

One CAS requires inspections. CAS 08-23-02 was inspected on October 22, 2013. No issues were identified.

CAU 366, Area 11 Plutonium Valley Dispersion Sites

Five CASs require inspections. CAS 11-08-01, CAS 11-08-02, CAS 11-23-02, CAS 11-23-03, and CAS 11-23-04 were inspected on November 4, 2013. At the time of the inspections, the Closure Report was not yet approved. However, the UR signs had been installed, and these initial inspections were performed to assist in checklist development. Minor erosion rills were identified on the cover at CAS 11-08-01. The erosion repair will be completed in 2014. No additional issues were identified.

CAU 367, Area 10 Sedan, ESS and Uncle Unit Craters

Three CASs require inspections. CAS 10-45-01, CAS 10-45-02, and CAS 10-45-03 were inspected on October 22, 2013. Precipitation events in 2013 caused minor erosion on the walking path and around the Sedan crater observation deck. In October 2013, NDEP approved plans to perform erosion repairs. These repairs were completed in early 2014. They were documented in a separate letter and will be summarized in the 2014 annual letter report. During the 2013 inspections, no additional issues were identified.

CAU 370, T-4 Atmospheric Test Site

One CAS requires inspections. CAS 04-23-01 was inspected on October 30, 2013. Minor fence and sign maintenance identified in 2012 was completed prior to the 2013 inspection. During the 2013 inspection, one sign was down and several fence posts were loose that will be repaired in 2014. No additional issues were identified.

CAU 371, Johnnie Boy Crater and Pin Stripe

Two CASs require inspections. CAS 11-23-05 was inspected on October 30, 2013. CAS 18-45-01 was inspected on October 7, 2013. One signpost was loose at CAS 11-23-05 that will be repaired in 2014. No additional issues were identified.

CAU 372, Area 20 Cabriolet/Palanquin Unit Craters

Four CASs require inspections. CAS 18-45-02 and CAS 18-45-03 were inspected on October 7, 2013. CAS 20-23-01 and CAS 20-45-01 were inspected on October 1, 2013. Minor sign and fence maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, one sign was down at CAS 18-45-02 that will be replaced in 2014. No additional issues were identified.

CAU 374, Area 20 Schooner Unit Crater

Two CASs require inspections. CAS 18-23-01 was inspected on October 7, 2013. CAS 20-45-03 was inspected on October 1, 2013. Minor fence repair is required at CAS 18-23-01 that will be completed in 2014. No additional issues were identified.

CAU 375, Area 30 Buggy Unit Craters

Two CASs require inspections. CAS 25-23-22 was inspected on November 4, 2013. CAS 30-45-01 was inspected on October 7, 2013. Minor sign and fence maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, no issues were identified.

CAU 465, Hydronuclear

Four CASs require inspections. CAS 00-23-01, CAS 00-23-02, and CAS 00-23-03 were inspected on November 25, 2013. CAS 06-99-01 was inspected on October 30, 2013. These were the first inspections for this CAU since the approval of the Closure Report. No issues were identified.

CAU 569, Area 3 Yucca Flat Atmospheric Test Sites

Three CASs require inspections. CAS 03-23-13 and CAS 03-23-15 are co-located. CAS 03-23-21 has two distinct parcels, one at the PIKE ground zero and one at the BANDICOOT ground zero. All three locations were inspected on November 4, 2013. These were the first inspections for this CAU since the approval of the Closure Report. No issues were identified.

CAU 574, Neptune

One CAS requires inspections. CAS 12-23-10 is co-located with CAU 551, and the inspections are reported on a single checklist for both CAUs. CAS 12-23-10 was inspected on October 14, 2013. No additional issues were identified other than the erosion damage and road repair detailed above under CAU 551.

DEFENSE THREAT REDUCTION AGENCY SITES

The following sites were closed in place with URs by the Defense Threat Reduction Agency (DTRA). Results of these inspections are included in this report on behalf of DTRA.

CAU 383, Area 12 E-Tunnel Sites

Three CASs require inspections. CAS 12-06-06, CAS 12-25-02, and CAS 12-28-02 were inspected on October 14, 2013. Minor sign and fence maintenance identified in 2012 was completed prior to the 2013 inspections. During the 2013 inspections, no additional issues were identified other than the erosion damage and road repair detailed above under CAU 551.

CAU 476, Area 12 T-Tunnel Muckpile, and CAU 559, T-Tunnel Compressor/Blower Pad

One CAS in CAU 476 and one CAS in CAU 559 require inspections. The sites are co-located and reported on a single inspection checklist. CAS 12-06-02 and CAS 12-25-13 were inspected on October 14, 2013. The hasp on the gate requires repair, which will be completed in 2014. No additional issues were identified.

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CAU 477, Area 12 N-Tunnel Muckpile

One CAS requires inspections. CAS 12-06-03 was inspected on October 14, 2013. No issues were identified.

CAU 478, Area 12 T-Tunnel Ponds

One CAS requires inspections. CAS 12-23-01 was inspected on October 14, 2013. The hasp on the gate requires repair, which will be completed in 2014. No additional issues were identified.

CAU 482, Area 15 U15a/e Muckpiles and Ponds

Three CASs require inspections. CAS 15-06-01, CAS 15-06-02, and CAS 15-38-01 were inspected on October 14, 2013. No issues were identified.

Copies of completed inspection checklists are enclosed. Please direct comments and questions to Tiffany Lantow, of my staff, at (702) 295-7645.

/s/: Janet Appenzeller-Wing

 Robert F. Boehlecke, Manager
Environmental Management Operations

EMO:10531.CD

Enclosures:

As stated

cc w/encl.:

J. J. MacDougall, NDEP

(2 electronic copies)

Northern Nevada Public Reading
Facility (1 electronic copy)

Southern Nevada Public Reading
Facility (2 electronic copies)

R. A. King, NSTec

NSTec Document Production

(electronic copy to OSTI)

NSTec Correspondence Control

cc w/o encl:

S. A. Page, NDEP

T. M. Zaferatos, NDEP

J. T. Fraher, DTRA/CXTS

N-I Central Files (1 electronic copy)

T. A. Lantow, NFO

FFACO Group, NFO

NNSA/NFO Read File

ENCLOSURE: INSPECTION CHECKLISTS

Post-Closure Inspection
Letter Report for Corrective
Action Units on the Nevada
National Security Site

Calendar Year 2013
May 2014



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INDUSTRIAL SITES

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CAU 113: AREA 25 R-MAD FACILITY

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POST-CLOSURE INSPECTION CHECKLIST

CAU 113, AREA 25 R-MAD FACILITY – CAS 25-41-01, R-MAD FACILITY

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/10/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the perimeter of the use-restricted area and sufficient transects of the use-restricted area to be able to inspect the entire surface and all features specifically described in this checklist. The inspection does not include the outer R-MAD Facility fence or any areas within the R-MAD Facility fence that are outside the use-restricted area.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | | |
|---|--|---|--|
| 1. Were anomalies or trends detected on previous inspections? | | ✓ | |
| 2. Were maintenance or repair activities performed since the last inspection? | | ✓ | |

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:

- | YES | NO | EXPLANATION (required if shaded box is checked) |
|-----|----|---|
| | ✓ | |
| ✓ | | Replace faded text on 45 signs |
| | 0 | |
| | 0 | |
| | ✓ | |

2. Use-Restricted Area:

- | YES | NO | EXPLANATION (required if shaded box is checked) |
|-----|----|---|
| | ✓ | |
| | ✓ | |

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

- | YES | NO | EXPLANATION |
|-----|----|-------------|
| ✓ | | |

POST-CLOSURE INSPECTION CHECKLIST**CAU 113, AREA 25 R-MAD FACILITY – CAS 25-41-01, R-MAD FACILITY****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

Signs in good condition except faded text was replaced on 4 today. Pad + site in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

CAU 115: AREA 25 TEST CELL A FACILITY

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POST-CLOSURE INSPECTION CHECKLIST**CAU 115, AREA 25 TEST CELL A FACILITY – CAS 25-41-04, TEST CELL A FACILITY**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the Test Cell A Facility.
- Contact RadCon for RCT requirements.
- The site inspection is an inspection of the perimeter of the outer Test Cell A Facility fence, the perimeter of the use-restricted area (pad), and sufficient transects of the use-restricted area (pad) to be able to inspect the entire surface and all features specifically described in this checklist. The inspection does not include any areas within the Test Cell A Facility fence that are outside the use-restricted area.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☐	☒	

C. SITE INSPECTION (To be completed during the site visit)			
1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the gate or lock?	☐	☒	
b. Is there damage to the fence or fence posts?	☐	☒	
c. Are all use restriction signs on the outer Test Cell A Facility fence legible?	☒	☐	
d. How many of the 20 use restriction signs are damaged or missing and need to be replaced?		<u>0</u>	
e. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
f. Do any Radioactive Material Area signs on the outer Test Cell A Facility fence need to be replaced or re-hung?	☐	☒	
g. Do any Underground Radioactive Material Area signs around the pad need to be replaced or re-hung?	☐	☒	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST**CAU 115, AREA 25 TEST CELL A FACILITY – CAS 25-41-04, TEST CELL A FACILITY****D. FIELD CONCLUSIONS**

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs & fences in good condition.
No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name:

Reed J. Poderis

CAU 116: AREA 25 TEST CELL C FACILITY

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POST-CLOSURE INSPECTION CHECKLIST**CAU 116, AREA 25 TEST CELL C FACILITY – CAS 25-41-05, TEST CELL C FACILITY**

Inspection Date: <u>11/12/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the Test Cell C Facility.
- Contact RadCon for RCT requirements.
- The site inspection is an inspection of the perimeter of the use-restricted area and sufficient transects of the use-restricted area to be able to inspect the entire surface and all features specifically described in this checklist. The inspection does not include the outer Test Cell C Facility fence or any areas within the Test Cell C Facility fence that are outside the use-restricted area.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		☒	
2. Were maintenance or repair activities performed since the last inspection?		☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?		☒	
b. Are all use restriction signs legible?	☒		
c. How many damaged or missing use restriction signs need to be replaced?		<u>0</u>	
d. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
e. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		☒	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		☒	
b. Are there any other issues not specifically described in this checklist?		☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒		

POST-CLOSURE INSPECTION CHECKLIST**CAU 116, AREA 25 TEST CELL C FACILITY – CAS 25-41-05, TEST CELL C FACILITY****D. FIELD CONCLUSIONS**

I. Field Conclusions and Repair or Maintenance Recommendations:

Signs, cover & site are in good condition. No
issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/12/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/18/13

Printed Name: Reed J Poderis

CAU 118: AREA 27 SUPER KUKLA FACILITY

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POST-CLOSURE INSPECTION CHECKLIST

CAU 118, AREA 27 SUPER KUKLA FACILITY –
CAS 27-41-01, SUPER KUKLA REACTOR BUILDING/HIGH BAY AND MECHANICAL BUILDING

Inspection Date: 11/25/13

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/4/12

Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada

Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: Rebecca King

Title: PM

Assistant Inspector: Brian Konrad

Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

YES	NO	EXPLANATION (required if shaded box is checked)
☐	☒	
☐	☒	

1. Were anomalies or trends detected on previous inspections?

2. Were maintenance or repair activities performed since the last inspection?

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:

YES	NO	EXPLANATION (required if shaded box is checked)
☐	☒	
☐	☒	
☒	☐	
☐	☒	
☐	☒	

a. Is there damage to the fence or fence posts?

b. Have any sign posts been damaged or their anchoring weakened?

c. Are all use restriction signs legible?

d. How many of the 9 use restriction signs are damaged or missing and need to be replaced?

e. How many use restriction signs are down or loose and need to be re-hung?

2. Use-Restricted Area:

YES	NO	EXPLANATION (required if shaded box is checked)
☐	☒	
☐	☒	

a. Is there evidence of human or large animal intrusion onto the site?

b. Are there any other issues not specifically described in this checklist?

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
☒	☐	

a. Have photographs been taken of the site?

POST-CLOSURE INSPECTION CHECKLIST

CAU 118, AREA 27 SUPER KUKLA FACILITY –
CAS 27-41-01, SUPER KUKLA REACTOR BUILDING/HIGH BAY AND MECHANICAL BUILDING

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, fencing and signs are in good
condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date:

RBK 11/25/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date:

12/10/13

Printed Name:

Reed J. Poderis

CAU 127: AREAS 25 AND 26 STORAGE TANKS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 127, AREAS 25 AND 26 STORAGE TANKS – CAS 25-01-07, ABOVEGROUND STORAGE TANK

Inspection Date: 11/7/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/10/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD207 key to access the EMAD Facility.
- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		Sign Repair

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	

2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 127, AREAS 25 AND 26 STORAGE TANKS – CAS 25-01-07, ABOVEGROUND STORAGE TANK

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site and signs are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/13/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/18/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 127, AREAS 25 AND 26 STORAGE TANKS – CAS 25-02-02, UNDERGROUND STORAGE TANK**

Inspection Date: <u>11/12/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PW1</u>
Assistant Inspector: <u>Brian Kousad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		☒	
2. Were maintenance or repair activities performed since the last inspection?		☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		☒	
b. Are all use restriction signs legible?	☒		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		<u>0</u>	
d. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
e. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		☒	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		☒	
b. Are there any other issues not specifically described in this checklist?		☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒		

POST-CLOSURE INSPECTION CHECKLIST**CAU 127, AREAS 25 AND 26 STORAGE TANKS – CAS 25-02-02, UNDERGROUND STORAGE TANK****D. FIELD CONCLUSIONS**

1. Field Conclusions and Repair or Maintenance Recommendations:

*site and signs are in good condition. No issues.***E. CERTIFICATION:** I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/10/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/18/13

Printed Name: Reed J. Poderis

CAU 137: WASTE DISPOSAL SITES

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POST-CLOSURE INSPECTION CHECKLIST

CAU 137, WASTE DISPOSAL SITES – CAS 01-08-01, WASTE DISPOSAL SITE

Inspection Date: 10/30/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/6/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Kunkel	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		Replaced faded text on sign

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 10 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 137, WASTE DISPOSAL SITES – CAS 01-08-01, WASTE DISPOSAL SITE

D. FIELD CONCLUSIONS

I. Field Conclusions and Repair or Maintenance Recommendations:

Site, fence & signs are in good condition.
No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed S. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 137, WASTE DISPOSAL SITES – CAS 07-23-02, RADIOACTIVE WASTE DISPOSAL SITE

Inspection Date: 10/30/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/20/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca Kuis	Title: PM
Assistant Inspector: Brian Kenrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 6 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 137, WASTE DISPOSAL SITES – CAS 07-23-02, RADIOACTIVE WASTE DISPOSAL SITE

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

URMA sign down. UR signs, fencing
and site in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 137, WASTE DISPOSAL SITES –
CAS 12-08-01, WASTE DISPOSAL SITE, AND CAS 12-23-07, WASTE DISPOSAL SITE

Inspection Date: 10/14/13	Reason for Inspection: Annual		
Date of Last Post-Closure Inspection: 10/30/12	Reason for Last Post-Closure Inspection: Annual		
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada			
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project			
Chief Inspector: Rebecca King	Title: Project Manager		
Assistant Inspector: Karen Patton	Title: HP		
A. GENERAL INSTRUCTIONS - The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. - All documentation must be legible and clear. Complete all checklist items. - If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection. - Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.			
B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
C. SITE INSPECTION (To be completed during the site visit)			
1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		Replaced 1 text (faded)
d. How many of the 8 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	
Photograph Instructions: - Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report. - Other photographs are optional. - Photographs will be filed electronically.			
3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?		✓	

POST-CLOSURE INSPECTION CHECKLIST

**CAU 137, WASTE DISPOSAL SITES –
CAS 12-08-01, WASTE DISPOSAL SITE, AND CAS 12-23-07, WASTE DISPOSAL SITE**

D. FIELD CONCLUSIONS**I. Field Conclusions and Repair or Maintenance Recommendations:**

*Replace faded text on 1 sign, rest of site
in good condition.*

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

CAU 139: WASTE DISPOSAL SITES

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POST-CLOSURE INSPECTION CHECKLIST

CAU 139, WASTE DISPOSAL SITES – CAS 06-19-03, WASTE DISPOSAL TRENCHES

Inspection Date: 10/30/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/4/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Korpas	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		Cover Repair
a. If yes, has site repair resulted in a change from as-built conditions?		✓	NA
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		✓	NA

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any monuments been damaged?		✓	
b. Are all use restriction signs legible?	✓		
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	

2. Waste Unit Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water)?	✓		erosion rills on N-E + S-slopes
c. Is there evidence of human or large animal intrusion onto the site?		✓	
d. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 139, WASTE DISPOSAL SITES – CAS 06-19-03, WASTE DISPOSAL TRENCHES

D. FIELD CONCLUSIONS

YES

NO

EXPLANATION (required if shaded box is checked)

1. Is there an imminent hazard to the integrity of the landfill cover?

2. Field Conclusions and Repair or Maintenance Recommendations:

Erosion hills on N, E and S slopes to repair. Monuments, signs + rest of cover in good condition

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 139, WASTE DISPOSAL SITES – CAS 09-23-01, AREA 9 GRAVEL GERTIE**

Inspection Date: 10-22-13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10-16-12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konek	Title: Field Ops

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		fence + sign Repair

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		4 faded warnings Replaced today
d. How many damaged or missing use restriction signs need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 139, WASTE DISPOSAL SITES – CAS 09-23-01, AREA 9 GRAVEL GERTIE

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

1 faded warning text on UR replaced today rest of signs, fencing + site in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10-22-13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10-23-13

Printed Name: Reed J. Poderis

**CAU 140: WASTE DUMPS, BURN PITS,
AND STORAGE AREA**

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POST-CLOSURE INSPECTION CHECKLIST

CAU 140, WASTE DUMPS, BURN PITS, AND STORAGE AREA – CAS 05-23-01, GRAVEL GERTIE

Inspection Date: 10/30/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/20/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 6 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 140, WASTE DUMPS, BURN PITS, AND STORAGE AREA – CAS 05-23-01, GRAVEL GERTIE****D. FIELD CONCLUSIONS****I. Field Conclusions and Repair or Maintenance Recommendations:**

Site, fencing and signs in good
condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/18/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 140, WASTE DUMPS, BURN PITS, AND STORAGE AREA – CAS 23-17-01, HAZARDOUS WASTE STORAGE AREA

Inspection Date: 12/3/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/27/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Koupod	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☐	☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers (TPH Area):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	Replaced text on 1 sign in field (faded)
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area (TPH Area):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	
3. Site Markers (Landfill Area):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
4. Use-Restricted Area (Landfill Area):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST**CAU 140, WASTE DUMPS, BURN PITS, AND STORAGE AREA –
CAS 23-17-01, HAZARDOUS WASTE STORAGE AREA**

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

5. Photograph Documentation:

YES	NO	EXPLANATION
✓		

a. Have photographs been taken of the site?

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Replaced faded text on 1 sign - Rest of signs, monuments and site in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 12/3/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J. Poderis

CAU 143: AREA 25 CONTAMINATED WASTE DUMPS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 143, AREA 25 CONTAMINATED WASTE DUMPS – CAS 25-23-03, CONTAMINATED WASTE DUMP #2

Inspection Date: 11/7/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/10/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		Replaced faded text on two one UR signs RAK 11/7/13
d. How many damaged or missing use restriction signs need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 143, AREA 25 CONTAMINATED WASTE DUMPS – CAS 25-23-03, CONTAMINATED WASTE DUMP #2****D. FIELD CONCLUSIONS**

I. Field Conclusions and Repair or Maintenance Recommendations:

Site and signs in good condition. Replaced faded text on 2 signs.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/7/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/19/13

Printed Name:

Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 143, AREA 25 CONTAMINATED WASTE DUMPS – CAS 25-23-09, CONTAMINATED WASTE DUMP #1

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/10/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		fence and sign repair

C. SITE INSPECTION (To be completed during the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site Markers:			
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 10 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Radioactive Material Area signs need to be replaced or re-hung?		✓	
g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:			
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

	YES	NO	EXPLANATION
3. Photograph Documentation:			
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 143, AREA 25 CONTAMINATED WASTE DUMPS – CAS 25-23-09, CONTAMINATED WASTE DUMP #1****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

Site, signs & fences are in good condition.
No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

CAU 145: WELLS AND STORAGE HOLES

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POST-CLOSURE INSPECTION CHECKLIST**CAU 145, WELLS AND STORAGE HOLES – CAS 03-25-01, OIL SPILLS**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/23/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection; however, if necessary, Industrial Hygiene should be contacted prior to entry into the use-restricted area due to surface lead contamination.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)			
1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 6 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 145, WELLS AND STORAGE HOLES – CAS 03-25-01, OIL SPILLS****D. FIELD CONCLUSIONS****I. Field Conclusions and Repair or Maintenance Recommendations:**

Site and signs in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

CAU 151: SEPTIC SYSTEMS AND DISCHARGE AREA

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POST-CLOSURE INSPECTION CHECKLIST**CAU 151, SEPTIC SYSTEMS AND DISCHARGE AREA – CAS 12-03-01, SEWAGE LAGOONS (6)
LAGOON A**

Inspection Date: 10/14/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/30/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: Project Manager
Assistant Inspector: Karen Patton	Title: H P

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 6 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 151, SEPTIC SYSTEMS AND DISCHARGE AREA – CAS 12-03-01, SEWAGE LAGOONS (6)
LAGOON A

D. FIELD CONCLUSIONS

I. Field Conclusions and Repair or Maintenance Recommendations:

Site, markers and signs in good
condition. No issues

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

**CAU 165: AREA 25 AND 26 DRY WELL
AND WASHDOWN AREAS**

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POST-CLOSURE INSPECTION CHECKLIST**CAU 165, AREA 25 AND 26 DRY WELL AND WASHDOWN AREAS – CAS 25-20-01, LAB DRAIN DRY WELL**

Inspection Date: <u>11/7/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Kourad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 165, AREA 25 AND 26 DRY WELL AND WASHDOWN AREAS – CAS 25-20-01, LAB DRAIN DRY WELL****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

Site and signs are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/13/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/18/13

Printed Name: Reed J. Poderis

CAU 204: STORAGE BUNKERS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 204, STORAGE BUNKERS – CAS 01-34-01, UNDERGROUND INST. HOUSE BUNKER

Inspection Date: 10/30/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/6/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Kenrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the bunker is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		covered opening & locked door

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 204, STORAGE BUNKERS – CAS 01-34-01, UNDERGROUND INST. HOUSE BUNKER

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site and signage in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name:

Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 204, STORAGE BUNKERS – CAS 02-34-01, INSTRUMENT BUNKER**

Inspection Date: <u>10.22.13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10.16.12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>RAK 10-22-13</u> <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the bunker is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 204, STORAGE BUNKERS – CAS 02-34-01, INSTRUMENT BUNKER****D. FIELD CONCLUSIONS**

1. Field Conclusions and Repair or Maintenance Recommendations:

*Site and signs are in good condition.
No issues.*

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.Chief Inspector's Signature: */s/: Rebecca King*Date: *10.22.13***F. VERIFICATION:** I have reviewed this checklist and attachments and have verified that they are complete.Signature: */s/: Reed J. Poderis*Date: *10.23.13*Printed Name: *Reed J. Poderis*

POST-CLOSURE INSPECTION CHECKLIST**CAU 204, STORAGE BUNKERS – CAS 03-34-01, UNDERGROUND BUNKER**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/23/13</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the bunker is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		☒	
2. Were maintenance or repair activities performed since the last inspection?		☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		☒	
b. Are all use restriction signs legible?	☒		<u>4 signs located</u>
c. How many damaged or missing use restriction signs need to be replaced?		<u>0</u>	
d. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		☒	
b. Are there any other issues not specifically described in this checklist?		☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒		

POST-CLOSURE INSPECTION CHECKLIST**CAU 204, STORAGE BUNKERS – CAS 03-34-01, UNDERGROUND BUNKER****D. FIELD CONCLUSIONS**

1. Field Conclusions and Repair or Maintenance Recommendations:

*Site and signs in good condition. No issues***E. CERTIFICATION:** I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.Signature: */s/*: Rebecca KingDate: *11/4/13***F. VERIFICATION:** I have reviewed this checklist and attachments and have verified that they are complete.Signature: */s/*: Reed J. PoderisDate: *11/5/13*Printed Name: *Reed J. Poderis*

POST-CLOSURE INSPECTION CHECKLIST**CAU 204, STORAGE BUNKERS – CAS 05-18-02, CHEMICAL EXPLOSIVES STORAGE**

Inspection Date: <u>10/30/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>11/20/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | |
|---|-------------------------------------|--|
| 1. Were anomalies or trends detected on previous inspections? | ☒ | |
| 2. Were maintenance or repair activities performed since the last inspection? | ☒ | |

C. SITE INSPECTION (To be completed during the site visit)

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | | |
|--|-------------------------------------|---|--|
| 1. Site Markers: | | | |
| a. Is there damage to the fence or fence posts? | ☒ | | |
| b. Have any posts been damaged or their anchoring weakened? | ☒ | | |
| c. Are all use restriction signs legible? | ☒ | | |
| d. How many of the 16 use restriction signs (14 on fence, 2 on bunker) are damaged or missing and need to be replaced? | | 0 | |
| e. How many use restriction signs are down or loose and need to be re-hung? | | 0 | |

2. Use-Restricted Area:

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | |
|---|-------------------------------------|--|
| a. Is there evidence of human or large animal intrusion onto the site? | ☒ | |
| b. Are there any other issues not specifically described in this checklist? | ☒ | |

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
-----	----	-------------

- | | | |
|---|-------------------------------------|--|
| a. Have photographs been taken of the site? | ☒ | |
|---|-------------------------------------|--|

POST-CLOSURE INSPECTION CHECKLIST**CAU 204, STORAGE BUNKERS – CAS 05-18-02, CHEMICAL EXPLOSIVES STORAGE****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

Site, signs & fencing are all in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/21/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 204, STORAGE BUNKERS – CAS 05-33-01, KAY BLOCKHOUSE

Inspection Date:	10/30/13	Reason for Inspection:	Annual
Date of Last Post-Closure Inspection:	11/20/12	Reason for Last Post-Closure Inspection:	Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada			
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project			
Chief Inspector:	Rebecca Kuis	Title:	PM
Assistant Inspector:	Brian Konrad	Title:	FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 21 use restriction signs (13 on fence, 4 on each former pit) are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 204, STORAGE BUNKERS – CAS 05-33-01, KAY BLOCKHOUSE****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

Site, signs and fences are all in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed J. Poderis

**CAU 254: AREA 25 R-MAD DECONTAMINATION
FACILITY**

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POST-CLOSURE INSPECTION CHECKLIST**CAU 254, AREA 25 R-MAD DECONTAMINATION FACILITY –
CAS 25-23-06, DECONTAMINATION FACILITY**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca Kring</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
e. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	

2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 254, AREA 25 R-MAD DECONTAMINATION FACILITY –
CAS 25-23-06, DECONTAMINATION FACILITY****D. FIELD CONCLUSIONS****I. Field Conclusions and Repair or Maintenance Recommendations:**

*Signs and post and pad are in good condition.
No issues.*

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.Chief Inspector's Signature: */s/: Rebecca King*Date: *11/4/13***F. VERIFICATION:** I have reviewed this checklist and attachments and have verified that they are complete.Signature: */s/: Reed J. Poderis*Date: *11/5/13*Printed Name: *Reed J. Poderis*

**CAU 261: AREA 25 TEST CELL A
LEACHFIELD SYSTEM**

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POST-CLOSURE INSPECTION CHECKLIST

CAU 261, AREA 25 TEST CELL A LEACHFIELD SYSTEM – CAS 25-05-01, LEACHFIELD

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/10/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Kourad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		Sign Repair

C. SITE INSPECTION (To be completed during the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site Markers:			
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:			
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 261, AREA 25 TEST CELL A LEACHFIELD SYSTEM – CAS 25-05-01, LEACHFIELD

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs + fences are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: PM 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: RD 11/5/13

Printed Name: Reed J. Poderis

RAK 11/4/13

CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP

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POST-CLOSURE INSPECTION CHECKLIST

CAU 262, AREA 25 SEPTIC SYSTEMS AND UDP – CAS 25-02-06, UNDERGROUND STORAGE TANK

Inspection Date: 11/7/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/10/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		1	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 262, AREA 25 SEPTIC SYSTEMS AND UDP – CAS 25-02-06, UNDERGROUND STORAGE TANK****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

One UR sign to Khang. Rest of site in good condition. No other issues

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/2/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/19/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 262, AREA 25 SEPTIC SYSTEMS AND UDP – CAS 25-05-03, LEACHFIELD**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☒	☐	<u>Sign Repair</u>
a. If yes, has site repair resulted in a change from as-built conditions?	☐	☒	<u>NA</u> <u>RAK 11/4/13</u>
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?	☐	☒	<u>NA</u>

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?	☐	☒	
b. Have any posts been damaged or their anchoring weakened?	☐	☒	
c. Are all use restriction signs legible?	☒	☐	
d. How many damaged or missing use restriction signs need to be replaced?	☐	☐	<u>0</u>
e. How many use restriction signs are down or loose and need to be re-hung?	☐	☐	<u>0</u>
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?	☐	☒	
2. Waste Unit Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?	☐	☒	
b. Is there evidence of erosion (wind or water)?	☐	☒	
c. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
d. Are there any other issues not specifically described in this checklist?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST**CAU 262, AREA 25 SEPTIC SYSTEMS AND UDP – CAS 25-05-03, LEACHFIELD****Photograph Instructions:**

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
☒	☐	

a. Have photographs been taken of the site?

D. FIELD CONCLUSIONS

YES	NO	EXPLANATION (required if shaded box is checked)
☐	☒	

1. Is there an imminent hazard to the integrity of the cover?

2. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs + fencing in good condition, as is cover. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 262, AREA 25 SEPTIC SYSTEMS AND UDP -- CAS 25-05-08, RADIOACTIVE LEACHFIELD**

Inspection Date: <u>11/12/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca Kury</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☐	☒	
a. If yes, has site repair resulted in a change from as-built conditions?	☐	☒	NA
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?	☐	☒	NA

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?	☐	☒	
b. Have any posts been damaged or their anchoring weakened?	☐	☒	
c. Are all use restriction signs legible?	☒	☐	
d. How many damaged or missing use restriction signs need to be replaced?	☐	☐	0
e. How many use restriction signs are down or loose and need to be re-hung?	☐	☐	0
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?	☐	☒	
2. Waste Unit Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?	☐	☒	
b. Is there evidence of erosion (wind or water)?	☐	☒	
c. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
d. Are there any other issues not specifically described in this checklist?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST**CAU 262, AREA 25 SEPTIC SYSTEMS AND UDP – CAS 25-05-08, RADIOACTIVE LEACHFIELD****Photograph Instructions:**

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
☒	☐	

a. Have photographs been taken of the site?

D. FIELD CONCLUSIONS

YES	NO	EXPLANATION (required if shaded box is checked)
☐	☒	

1. Is there an imminent hazard to the integrity of the cover?

2. Field Conclusions and Repair or Maintenance Recommendations:

Cover, signs & fences in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/12/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/12/13

Printed Name: Reed J. Poderis

CAU 309: AREA 12 MUCKPILES

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POST-CLOSURE INSPECTION CHECKLIST

**CAS 309, AREA 12 MUCKPILES – CAS 12-06-09, MUCKPILE,
CAS 12-08-02, CONTAMINATED WASTE DUMP (CWD), AND CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS**

Inspection Date: <u>10/14/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/30/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Karen Patton</u>	Title: <u>HIP</u>

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the sites.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Areas is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☐	☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers (CAS 12-06-09):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	
c. How many of the 3 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
e. Do any Contamination Area or Underground Radioactive Material Area signs need to be replaced or re-hung?	☐	☒	
2. Use-Restricted Area (CAS 12-06-09):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	
3. Site Markers (CAS 12-08-02):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	
c. How many of the 2 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
e. Do any Contamination Area signs need to be replaced or re-hung?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

**CAU 309, AREA 12 MUCKPILES – CAS 12-06-09, MUCKPILE,
CAS 12-08-02, CONTAMINATED WASTE DUMP (CWD), AND CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS**

4. Use-Restricted Area (CAS 12-08-02):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	
5. Site Markers (CAS 12-28-01):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?	0		
d. How many use restriction signs are down or loose and need to be re-hung?	0		
e. Do any Contamination Area signs need to be replaced or re-hung?		✓	
6. Use-Restricted Area (CAS 12-28-01):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

7. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

D. FIELD CONCLUSIONS**1. Field Conclusions and Repair or Maintenance Recommendations:**

Sites & signs in good condition. Gate to access road needs repair.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

CAU 357: MUD PITS AND WASTE DUMP

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POST-CLOSURE INSPECTION CHECKLIST

CAU 357, MUD PITS AND WASTE DUMP – CAS 04-26-03, LEAD BRICKS

Inspection Date: 10/30/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/6/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Leonard	Title: PO

A. GENERAL INSTRUCTIONS

- Check in at the BEEF office prior to the inspection.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Radioactive Material Area that surrounds the site is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site Markers:			
a. Have any sign posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	✓ RAR 10/30/13
2. Use-Restricted Area:			
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 357, MUD PITS AND WASTE DUMP – CAS 04-26-03, LEAD BRICKS

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site and signs are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 357, MUD PITS AND WASTE DUMP – CAS 10-09-06, MUD PIT; STAINS; MATERIAL**

Inspection Date: 10.22.13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10.16.12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many damaged or missing use restriction signs need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 357, MUD PITS AND WASTE DUMP – CAS 10-09-06, MUD PIT; STAINS; MATERIAL****D. FIELD CONCLUSIONS**

I. Field Conclusions and Repair or Maintenance Recommendations:

Site, fencing and signs in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10.22.18

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10-23-18

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 357, MUD PITS AND WASTE DUMP – CAS 25-15-01, WASTE DUMP

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/19/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca Kung	Title: PM
Assistant Inspector: Brian Korpach	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		sign repair

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any monuments been damaged?		✓	
b. Are all use restriction signs legible?	✓		
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 357, MUD PITS AND WASTE DUMP – CAS 25-15-01, WASTE DUMP****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

Monuments, signs & site are in good condition. No issue.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

CAU 529: AREA 25 CONTAMINATED MATERIALS

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POST-CLOSURE INSPECTION CHECKLIST**CAU 529, AREA 25 CONTAMINATED MATERIALS – CAS 25-23-17, CONTAMINATED WASH PARCELS E & H**

Inspection Date: <u>11/12/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the Test Cell C Facility.
- Contact RadCon for RCT requirements.
- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		<u>fence repair</u>

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers (Parcel E):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence and fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many damaged or missing use restriction signs need to be replaced?		<u>1</u>	<u>1 on outside of parcel E on west fence</u>
e. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
2. Use-Restricted Area (Parcel E):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	
3. Site Markers (Parcel H):	YES	NO	EXPLANATION (required if shaded box is checked)
f. Is there damage to the fence?		✓	
g. Have any posts been damaged or their anchoring weakened?		✓	
h. Are all use restriction signs legible?	✓		
i. How many damaged or missing use restriction signs need to be replaced?		<u>0</u>	
j. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	

POST-CLOSURE INSPECTION CHECKLIST**CAU 529, AREA 25 CONTAMINATED MATERIALS – CAS 25-23-17, CONTAMINATED WASH
PARCELS E & H**

4. Use-Restricted Area (Parcel H):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		☒	
b. Are there any other issues not specifically described in this checklist?		☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

5. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒		

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

1 sign missing on parcel E. west side. Rest of site in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/12/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/18/13

Printed Name:

Reed J. Poderis

CAU 539: AREAS 25 AND 26 RAILROAD TRACKS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 539, AREAS 25 AND 26 RAILROAD TRACKS – CAS 25-99-21, AREA 25 RAILROAD TRACKS

Inspection Date: 11/12/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/19/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca Kuj	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- Pre-arrange access to the portion of the site located in the Engine Test Stand through the OCC at least 1 week prior to the inspection.
- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 99 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		1	down PMAD + TCA
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 539, AREAS 25 AND 26 RAILROAD TRACKS – CAS 25-99-21, AREA 25 RAILROAD TRACKS

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

1 loose sign between RMAD and TCA. Rest
of signs in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/12/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/18/13

Printed Name: Reed J. Poderis

CAU 542: DISPOSAL HOLES

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POST-CLOSURE INSPECTION CHECKLIST**CAU 542, DISPOSAL HOLES – CAS 03-20-07, UD-3a DISPOSAL HOLE**

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/23/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Kourad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		sign repair

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 542, DISPOSAL HOLES – CAS 03-20-07, UD-3a DISPOSAL HOLE

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site + signs in good condition. No
issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 542, DISPOSAL HOLES – CAS 03-20-09, UD-3b DISPOSAL HOLE**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/23/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Kourad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		<u>Sign Repair</u>

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		✓	
d. How many use restriction signs are down or loose and need to be re-hung?		<u>2</u>	<u>one down - one loose</u>
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 542, DISPOSAL HOLES – CAS 03-20-09, UD-3b DISPOSAL HOLE

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site in good condition. One UK sign down + 1 loose. Need to use channel post when replacing.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/18/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 542, DISPOSAL HOLES – CAS 03-20-10, UD-3c DISPOSAL HOLE

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/23/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca Kunk	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 542, DISPOSAL HOLES – CAS 03-20-10, UD-3c DISPOSAL HOLE

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site and signs in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 542, DISPOSAL HOLES – CAS 03-20-11, UD-3d DISPOSAL HOLE**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/23/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 542, DISPOSAL HOLES – CAS 03-20-11, UD-3d DISPOSAL HOLE****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

Site and signs are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.Chief Inspector's Signature: */s/:* Rebecca KingDate: *11/4/13***F. VERIFICATION:** I have reviewed this checklist and attachments and have verified that they are complete.Signature: */s/:* Reed J. PoderisDate: *11/18/13*Printed Name: *Reed J Poderis*

POST-CLOSURE INSPECTION CHECKLIST

CAU 542, DISPOSAL HOLES – CAS 06-20-03, UD-6 AND UD-6s DISPOSAL HOLES

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/23/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
e. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 542, DISPOSAL HOLES – CAS 06-20-03, UD-6 AND UD-6s DISPOSAL HOLES****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

*Site and signs are in good condition. No
issues*

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.Chief Inspector's Signature: */s/ : Rebecca King*Date: *11/4/13***F. VERIFICATION:** I have reviewed this checklist and attachments and have verified that they are complete.Signature: */s/ : Reed J. Poderis*Date: *11/5/13*Printed Name: *Reed J. Poderis*

CAU 543: LIQUID DISPOSAL UNITS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 543, LIQUID DISPOSAL UNITS – CAS 06-07-01, DECON PAD

Inspection Date: 10/30/15	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/6/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca K. King	Title: PM
Assistant Inspector: Brian Kowal	Title: FO

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the site.
- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 9 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Are all PCB signs legible (including written information on bottom two lines)?	✓		
g. How many damaged or missing PCB signs need to be replaced?		0	
h. How many down or loose PCB signs need to be re-hung?		0	
i. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

POST-CLOSURE INSPECTION CHECKLIST**CAU 543, LIQUID DISPOSAL UNITS – CAS 06-07-01, DECON PAD****Photograph Instructions:**

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
☒	☐	

a. Have photographs been taken of the site?

D. FIELD CONCLUSIONS**1. Field Conclusions and Repair or Maintenance Recommendations:**

Site, signs and fences are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 543, LIQUID DISPOSAL UNITS –

CAS 15-01-03, ABOVEGROUND STORAGE TANK, AND CAS 15-23-03, CONTAMINATED SUMP, PIPING

Inspection Date: 10/14/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/16/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: Project Manager
Assistant Inspector: Karen Patton	Title: H P

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted areas is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers (CAS 15-01-03, Building 15-06 Pad):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Are all PCB signs legible (including written information on bottom two lines)?	✓		
g. How many damaged or missing PCB signs need to be replaced?		0	
h. How many down or loose PCB signs need to be re-hung?		0	
2. Use-Restricted Area (CAS 15-01-03, Building 15-06 Pad):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	
3. Site Markers (CAS 15-01-03, Underground Piping):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 16 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	

POST-CLOSURE INSPECTION CHECKLIST

CAU 543, LIQUID DISPOSAL UNITS –

CAS 15-01-03, ABOVEGROUND STORAGE TANK, AND CAS 15-23-03, CONTAMINATED SUMP, PIPING

e. Are all PCB signs legible (including written information on bottom two lines)?	☒	☐	
f. How many of the 16 PCB signs are damaged or missing and need to be replaced?	☐	☐	
g. How many down or loose PCB signs need to be re-hung?	☐	☐	
h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?	☐	☒	
4. Use-Restricted Area (CAS 15-01-03, Underground Piping):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	
5. Site Markers (CAS 15-23-03):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	
c. How many of the 5 use restriction signs are damaged or missing and need to be replaced?	☐	☐	
d. How many use restriction signs are down or loose and need to be re-hung?	☐	☐	
e. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?	☐	☒	
6. Use-Restricted Area (CAS 15-23-03):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	
Photograph Instructions: - Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report. - Other photographs are optional. - Photographs will be filed electronically.			
7. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
D. FIELD CONCLUSIONS			
1. Field Conclusions and Repair or Maintenance Recommendations:			
Site, fences & signs in good condition. No issues.			

POST-CLOSURE INSPECTION CHECKLIST**CAU 543, LIQUID DISPOSAL UNITS –****CAS 15-01-03, ABOVEGROUND STORAGE TANK, AND CAS 15-23-03, CONTAMINATED SUMP, PIPING****E. CERTIFICATION:** I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

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CAU 544: CELLARS, MUD PITS, AND OIL SPILLS

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POST-CLOSURE INSPECTION CHECKLIST**CAU 544, CELLARS, MUD PITS, AND OIL SPILLS – CAS 20-25-04, OIL SPILLS**

Inspection Date: <u>10/1/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Brian Kenead</u>	Title: <u>Field Ops</u>

A. GENERAL INSTRUCTIONS

- *The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.*
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☒	☐	
2. Were maintenance or repair activities performed since the last inspection?	☒	☐	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?	☒	☐	
b. Have any sign posts been damaged or their anchoring weakened?	☒	☐	
c. Are all use restriction signs legible?	☐	☒	
d. How many of the 12 use restriction signs are damaged or missing and need to be replaced?		<u>0</u>	
e. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☒	☐	
b. Are there any other issues not specifically described in this checklist?	☒	☐	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST**CAU 544, CELLARS, MUD PITS, AND OIL SPILLS – CAS 20-25-04, OIL SPILLS****D. FIELD CONCLUSIONS****I. Field Conclusions and Repair or Maintenance Recommendations:**

Site, signs and fencing are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/1/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/1/13

Printed Name: Reed J. Poderis

**CAU 545: DUMPS, WASTE DISPOSAL SITES,
AND BURIED RADIOACTIVE MATERIALS**

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POST-CLOSURE INSPECTION CHECKLIST

CAU 545, DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS –
CAS 03-08-03, MUD DISPOSAL SITE

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/23/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | | |
|---|-------------------------------------|--------------------------|---------------------|
| 1. Were anomalies or trends detected on previous inspections? | ☒ | ☐ | |
| 2. Were maintenance or repair activities performed since the last inspection? | ☒ | ☐ | Sign + fence repair |

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | | |
|---|-------------------------------------|-------------------------------------|--|
| a. Is there damage to the fence or fence posts? | ☐ | ☒ | |
| b. Have any posts been damaged or their anchoring weakened? | ☐ | ☒ | |
| c. Are all use restriction signs legible? | ☒ | ☐ | |
| d. How many of the 11 use restriction signs are damaged or missing and need to be replaced? | 0 | | |
| e. How many use restriction signs are down or loose and need to be re-hung? | 0 | | |

2. Use-Restricted Area:

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | | |
|---|--------------------------|-------------------------------------|--|
| a. Is there evidence of human or large animal intrusion onto the site? | ☐ | ☒ | |
| b. Are there any other issues not specifically described in this checklist? | ☐ | ☒ | |

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
-----	----	-------------

- | | | | |
|---|-------------------------------------|--------------------------|--|
| a. Have photographs been taken of the site? | ☒ | ☐ | |
|---|-------------------------------------|--------------------------|--|

POST-CLOSURE INSPECTION CHECKLIST**CAU 545, DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS –
CAS 03-08-03, MUD DISPOSAL SITE****D. FIELD CONCLUSIONS****I. Field Conclusions and Repair or Maintenance Recommendations:**

Site, sign + fencing in good condition. No
issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date:

11/4/13

G. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date:

11/5/13

Printed Name:

Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 545, DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS –
CAS 03-23-05, EUROPIUM DISPOSAL SITE**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/23/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced areas is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		<u>Sign + fence Repair</u>

C. SITE INSPECTION (To be completed during the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site Markers (Northwestern Fenced Area):			
a. Is there damage to the fence or fence posts?		✓	
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area (Northwestern Fenced Area):			
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	
3. Site Markers (Southern Fenced Area):			
a. Is there damage to the fence or fence posts?		✓	
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 3 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	

POST-CLOSURE INSPECTION CHECKLIST**CAU 545, DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS –
CAS 03-23-05, EUROPIUM DISPOSAL SITE**

4. Use-Restricted Area (Southern Fenced Area):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

5. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

D. FIELD CONCLUSIONS**1. Field Conclusions and Repair or Maintenance Recommendations:**

Both sites, signs + fences in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis Date: 11/5/13

Printed Name: Reed J. Poderis

**CAU 546: INJECTION WELL AND SURFACE
RELEASES**

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POST-CLOSURE INSPECTION CHECKLIST**CAU 546, INJECTION WELL AND SURFACE RELEASES – CAS 09-20-01, INJECTION WELL**Inspection Date: **10-22-13**Reason for Inspection: **Annual**Date of Last Post-Closure Inspection: **10-16-12**Reason for Last Post-Closure Inspection: **Annual**

Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada

Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: **Rebecca King**Title: **PM**Assistant Inspector: **Brian Konrad**Title: **FO****A. GENERAL INSTRUCTIONS**

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.*
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

YES

NO

EXPLANATION (required if shaded box is checked)

1. Were anomalies or trends detected on previous inspections?

✓

2. Were maintenance or repair activities performed since the last inspection?

✓

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:

YES

NO

EXPLANATION (required if shaded box is checked)

a. Have any sign posts been damaged or their anchoring weakened?

✓

b. Are all use restriction signs legible?

✓

c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?

0

d. How many use restriction signs are down or loose and need to be re-hung?

0

2. Use-Restricted Area:

YES

NO

EXPLANATION (required if shaded box is checked)

a. Is there evidence of human or large animal intrusion onto the site?

✓

b. Are there any other issues not specifically described in this checklist?

✓

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES

NO

EXPLANATION

a. Have photographs been taken of the site?

✓

POST-CLOSURE INSPECTION CHECKLIST

CAU 546, INJECTION WELL AND SURFACE RELEASES – CAS 09-20-01, INJECTION WELL

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site and signs in good condition.
No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10-22-13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10-23-13

Printed Name: Reed J. Poderis

**CAU 547: MISCELLANEOUS CONTAMINATED
WASTE SITES**

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POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 02-37-02, GAS SAMPLING ASSEMBLY (MULLET)

Inspection Date: <u>3/11/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>12/17/12</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project MGR</u>
Assistant Inspector: <u>Reed Podewis</u>	Title: <u>MGR</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		<u>erosion repair + erosion control construction</u>
a. If yes, has site repair resulted in a change from as-built conditions?	✓		<u>NA</u> <u>new erosion prevention structures</u>
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		✓	<u>NA</u> <u>In process</u>

C. SITE INSPECTION (To be completed during the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site Markers:			
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?	0		
f. How many use restriction signs are down or loose and need to be re-hung?	0		
g. Do any Underground Radioactive Material Area or Entombed Radioactive Material signs need to be replaced or re-hung?		✓	
2. Cover:			
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 02-37-02, GAS SAMPLING ASSEMBLY (MULLET)

d. Are the erosion control features intact and functioning as designed?	✓		
e. Is there damage to the metal casing or concrete pad?		✓	
f. Is there evidence of human or large animal intrusion onto the site?		✓	
g. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

D. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the soil cover?		✓	

2. Field Conclusions and Repair or Maintenance Recommendations:

Erosion Repair and erosion control features complete and look good. Signs, fence, cover, and monuments in good condition. AS built drawings are being reviewed.

On 3/8 MEDA station #17 recorded 0.48 inches with no impacts to this site.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King	Date: 3/11/13
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F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis	Date: 3/19/13
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Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 03-99-19, GAS SAMPLING ASSEMBLY (TEJON)

Inspection Date: <u>3/11/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>12/17/12</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca Krug</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Reed Poderis</u>	Title: <u>MGR</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?			NA ✓
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?			NA ✓

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?		0	
f. How many use restriction signs are down or loose and need to be re-hung?		0	
g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	

2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?	✓		<u>On north end of cover toe</u>
d. Is there damage to the metal casing or concrete pads?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 03-99-19, GAS SAMPLING ASSEMBLY (TEJON)

e. Is there evidence of human or large animal intrusion onto the site?	☒	☒	
f. Are there any other issues not specifically described in this checklist?	☒	☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

D. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the soil cover?	☒	☐	

2. Field Conclusions and Repair or Maintenance Recommendations:

Animal burrows at toe of slope on north, west side. Remainder of site in good condition.

On 3/8 MEDA station rain gauge #17 collected 0.48 inches with no impacts to this site.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: <i>/s/: Rebecca King</i>	Date: <i>3/11/13</i>
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F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: <i>/s/: Reed J. Poderis</i>	Date: <i>3/19/13</i>
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Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 09-99-19, GAS SAMPLING ASSEMBLY (PLAYER)

OG RAK 3/11/13

Inspection Date: <u>3/11/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>12/17/12</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>RA King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Reed Poderis</u>	Title: <u>MSR</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		<u>Erosion repair + erosion control</u>
a. If yes, has site repair resulted in a change from as-built conditions? <u>2a RSP 4/11/13</u>	✓		<u>NA added erosion control features</u>
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		✓	<u>NA In process</u>

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		<u>RAK 3/11/13</u>
e. Are any use restriction signs damaged or missing?		✓	
f. How many damaged or missing signs need to be replaced?		0	
g. Are any use restriction signs down or loose?		✓	
h. How many down or loose signs need to be re-hung?		0	
i. Do any Underground Radioactive Material Area or Entombed Radioactive Material signs need to be replaced or re-hung?		✓	
j. Does the crater access road require repair?		✓	
2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 09-99-19, GAS SAMPLING ASSEMBLY (PLAYER)

- b. Is there evidence of erosion (wind or water) on or near the cover?
- c. Are animal burrows present?
- d. Are the erosion control features intact and functioning as designed?
- e. Is there damage to the metal casings or concrete pads?
- f. Is there evidence of human or large animal intrusion onto the site?
- g. Are there any other issues not specifically described in this checklist?

	✓
	✓
✓	
	✓
	✓
	✓

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
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- a. Have photographs been taken of the site?

✓	
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D. FIELD CONCLUSIONS

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

1. Is maintenance/repair necessary?

	✓
--	---

2. Is there an imminent hazard to the integrity of the soil cover?

	✓
--	---

3. Field Conclusions/Recommendations:

Erosion repair and erosion control construction is complete and looks good. Signs, cover and fencing in good condition. On 3/8 MEDIA Station #17 recorded 0.48 inches ppt. No impact to the site from that ppt.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 3/11/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 3/12/13

Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 02-37-02, GAS SAMPLING ASSEMBLY (MULLET)

Inspection Date: <u>6/12/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>3/11/13</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Reed Poderis</u>	Title: <u>MGR</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?		NA ✓	
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		NA ✓	

C. SITE INSPECTION (To be completed during the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site Markers:			
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?	0		
f. How many use restriction signs are down or loose and need to be re-hung?	0		
g. Do any Underground Radioactive Material Area or Entombed Radioactive Material signs need to be replaced or re-hung?		✓	
2. Cover:			
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 02-37-02, GAS SAMPLING ASSEMBLY (MULLET)

d. Are the erosion control features intact and functioning as designed?	✓		
e. Is there damage to the metal casing or concrete pad?		✓	
f. Is there evidence of human or large animal intrusion onto the site?		✓	
g. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

D. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the soil cover?		✓	

2. Field Conclusions and Repair or Maintenance Recommendations:

Fence, signs, cover, monuments and erosion control features are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King	Date: 6/12/13
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F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis	Date: 7/17/13
Printed Name: Thomas A. Thiele (or designee)	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 03-99-19, GAS SAMPLING ASSEMBLY (TEJON)

Inspection Date: <u>6/12/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>3/11/13</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Reed Podries</u>	Title: <u>Mgr</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		<u>back fill of animal burrows</u>
a. If yes, has site repair resulted in a change from as-built conditions?		✓	NA
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		✓	NA

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?		0	
f. How many use restriction signs are down or loose and need to be re-hung?		0	
g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	

2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?	✓		<u>a few on east side</u>
d. Is there damage to the metal casing or concrete pads?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 03-99-19, GAS SAMPLING ASSEMBLY (TEJON)

e. Is there evidence of human or large animal intrusion onto the site?

	✓
--	---

f. Are there any other issues not specifically described in this checklist?

	✓
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Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
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a. Have photographs been taken of the site?

✓	
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D. FIELD CONCLUSIONS

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

1. Is there an imminent hazard to the integrity of the soil cover?

	✓
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2. Field Conclusions and Repair or Maintenance Recommendations:

Fence, signs, casing and cover all in good condition. A few animal burrows at toe of east slope that do not require action at this time

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 6/12/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 7/17/13

Printed Name: Thomas A. Thiele (or designee)

!POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 09-99-06, GAS SAMPLING ASSEMBLY (PLAYER)

Inspection Date: <u>6/12/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>3/11/13</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Reed Roden</u>	Title: <u>mgr</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?		NA ✓	
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		NA ✓	

C. SITE INSPECTION (To be completed during the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site Markers:			
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?	0		
f. How many use restriction signs are down or loose and need to be re-hung?	0		
g. Do any Underground Radioactive Material Area or Entombed Radioactive Material signs need to be replaced or re-hung?		✓	
h. Does the crater access road require repair?		✓	
2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?		✓	

!POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 09-99-06, GAS SAMPLING ASSEMBLY (PLAYER)

d. Are the erosion control features intact and functioning as designed?	✓		
e. Is there damage to the metal casings or concrete pads?		✓	
f. Is there evidence of human or large animal intrusion onto the site?		✓	
g. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

D. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the soil cover?		✓	

2. Field Conclusions and Repair or Maintenance Recommendations:

*Fence, signs, monuments, cover and erosion control features in good condition.
No issues*

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: */s/: Rebecca King* Date: *6/12/13*

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: */s/: Reed J. Poderis* Date: *7/17/13*

Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 02-37-02, GAS SAMPLING ASSEMBLY (MULLET)

Inspection Date: <u>9/12/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>7/23/13</u>	Reason for Last Post-Closure Inspection: <u>BMP for Precip</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>Field Ops Coordinator</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?		NA	✓
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		NA	✓

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?	0		
f. How many use restriction signs are down or loose and need to be re-hung?	0		
g. Do any Underground Radioactive Material Area or Entombed Radioactive Material signs need to be replaced or re-hung?		✓	

2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 02-37-02, GAS SAMPLING ASSEMBLY (MULLET)

- d. Are the erosion control features intact and functioning as designed?
- e. Is there damage to the metal casing or concrete pad?
- f. Is there evidence of human or large animal intrusion onto the site?
- g. Are there any other issues not specifically described in this checklist?

✓	
	✓
	✓
	✓

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
-----	----	-------------

- a. Have photographs been taken of the site?

✓

D. FIELD CONCLUSIONS

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

1. Is there an imminent hazard to the integrity of the soil cover?

	✓
--	---

2. Field Conclusions and Repair or Maintenance Recommendations:

Fencing, site markers + signs and cover in good condition. Erosion control functioning as designed. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 9/12/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 9/13/13

Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 03-99-19, GAS SAMPLING ASSEMBLY (TEJON)

Inspection Date: <u>9/12/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>6/12/13</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>Field Coordinator</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?			NA ✓
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?			NA ✓

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?		0	
f. How many use restriction signs are down or loose and need to be re-hung?		0	
g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?	✓		minor - not on cover
d. Is there damage to the metal casing or concrete pads?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 03-99-19, GAS SAMPLING ASSEMBLY (TEJON)

e. Is there evidence of human or large animal intrusion onto the site?

	✓
--	---

f. Are there any other issues not specifically described in this checklist?

	✓
--	---

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
✓		

a. Have photographs been taken of the site?

✓	
---	--

D. FIELD CONCLUSIONS

YES	NO	EXPLANATION (required if shaded box is checked)
	✓	

1. Is there an imminent hazard to the integrity of the soil cover?

	✓
--	---

2. Field Conclusions and Repair or Maintenance Recommendations:

Minor animal burrowing on edge on covered area. Fencing, sitemarkers and signs, cover all in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 9/12/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 9/24/13

Printed Name: Thomas A. Thiele (or designee)

!POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 09-99-06, GAS SAMPLING ASSEMBLY (PLAYER)

Inspection Date: <u>9/12/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>7/23/13</u>	Reason for Last Post-Closure Inspection: <u>BMP for Precip</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Brian Kopp</u>	Title: <u>Field Coord.</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?		NA	✓
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		NA	✓

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?		0	
f. How many use restriction signs are down or loose and need to be re-hung?		0	
g. Do any Underground Radioactive Material Area or Entombed Radioactive Material signs need to be replaced or re-hung?		✓	
h. Does the crater access road require repair?		✓	

2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?	✓		minor wearings of cover edge on SW - monitor
c. Are animal burrows present?	✓		minor - monitor

!POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 09-99-06, GAS SAMPLING ASSEMBLY (PLAYER)

d. Are the erosion control features intact and functioning as designed?	☒	☐	
e. Is there damage to the metal casings or concrete pads?	☐	☒	
f. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
g. Are there any other issues not specifically described in this checklist?	☐	☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

D. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the soil cover?	☐	☒	

2. Field Conclusions and Repair or Maintenance Recommendations:

east ex 9/12/13

Minor wear on small area of west cover edge, no action required other than monitoring. Minor animal burrows at edge of casing - monitor. All other cover, signs, fencing + erosion control features in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: <u>/s/: Rebecca King</u>	Date: <u>9/12/13</u>
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F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: <u>/s/: Reed J. Poderis</u>	Date: <u>9/23/13</u>
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Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 02-37-02, GAS SAMPLING ASSEMBLY (MULLET)

Inspection Date: <u>12/9/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>9/12/13</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Reed Poderis</u>	Title: <u>PM 12/9/13 MGR</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?		NA	✓
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		NA	✓

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?	0		
f. How many use restriction signs are down or loose and need to be re-hung?	0		
g. Do any Underground Radioactive Material Area or Entombed Radioactive Material signs need to be replaced or re-hung?		✓	
2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 02-37-02, GAS SAMPLING ASSEMBLY (MULLET)

- d. Are the erosion control features intact and functioning as designed?
- e. Is there damage to the metal casing or concrete pad?
- f. Is there evidence of human or large animal intrusion onto the site?
- g. Are there any other issues not specifically described in this checklist?

✓	✓
✓	✓
✓	✓
✓	✓

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

- a. Have photographs been taken of the site?

YES	NO	EXPLANATION
✓		

D. FIELD CONCLUSIONS

YES NO EXPLANATION (required if shaded box is checked)

- 1. Is there an imminent hazard to the integrity of the soil cover?

✓	
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2. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs, fences, covers, monuments and fences in good condition. No issues. No change in minor animal burrowing - continue to monitor.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 12/9/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 03-99-19, GAS SAMPLING ASSEMBLY (TEJON)

Inspection Date: <u>12/9/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>9/12/13</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Reed Poderis</u>	Title: <u>MGR</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?		NA	✓
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		NA	✓

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?	0		
f. How many use restriction signs are down or loose and need to be re-hung?	0		
g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?		✓	
d. Is there damage to the metal casing or concrete pads?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 03-99-19, GAS SAMPLING ASSEMBLY (TEJON)

e. Is there evidence of human or large animal intrusion onto the site?

✓

f. Are there any other issues not specifically described in this checklist?

✓

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES

NO

EXPLANATION

a. Have photographs been taken of the site?

✓

D. FIELD CONCLUSIONS

YES

NO

EXPLANATION (required if shaded box is checked)

1. Is there an imminent hazard to the integrity of the soil cover?

✓

2. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs, fences and cover all in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 12/9/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 09-99-06, GAS SAMPLING ASSEMBLY (PLAYER)

Inspection Date: <u>12/9/13</u>	Reason for Inspection: <u>Quarterly</u>
If this inspection is for a rain event, date of event:	Quantity of Rainfall: _____ inches
Date of Last Post-Closure Inspection: <u>9/12/13</u>	Reason for Last Post-Closure Inspection: <u>Quarterly</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Reed Poderis</u>	Title: <u>MSR</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?		NA ✓	
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		NA ✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Is there damage to any concrete monuments or Jersey barriers?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?	0		
f. How many use restriction signs are down or loose and need to be re-hung?	0		
g. Do any Underground Radioactive Material Area or Entombed Radioactive Material signs need to be replaced or re-hung?		✓	
h. Does the crater access road require repair?		✓	
2. Cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water) on or near the cover?		✓	
c. Are animal burrows present?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 547, MISCELLANEOUS CONTAMINATED WASTE SITES – CAS 09-99-06, GAS SAMPLING ASSEMBLY (PLAYER)

- d. Are the erosion control features intact and functioning as designed?
- e. Is there damage to the metal casings or concrete pads?
- f. Is there evidence of human or large animal intrusion onto the site?
- g. Are there any other issues not specifically described in this checklist?

✓	
	✓
	✓
	✓

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

- a. Have photographs been taken of the site?

YES	NO	EXPLANATION
✓		

D. FIELD CONCLUSIONS

YES NO EXPLANATION (required if shaded box is checked)

- 1. Is there an imminent hazard to the integrity of the soil cover?

	✓
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2. Field Conclusions and Repair or Maintenance Recommendations:

Site, cover, casings, fences, signs and monuments all in good condition. No issues. Continue to monitor area of minor wear on to edge (east) of cover.

E. CERTIFICATION: I have conducted this inspection in accordance with the Post-Closure Plan as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 12/9/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J. Poderis

CAU 551: AREA 12 MUCKPILES

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POST-CLOSURE INSPECTION CHECKLIST

**CAU 551, AREA 12 MUCKPILES – CAS 12-01-09, ABOVEGROUND STORAGE TANK AND STAIN,
CAS 12-06-05, U-12b MUCKPILE, CAS 12-06-07, MUCKPILE, AND CAS 12-06-08, MUCKPILE
CAU 574, NEPTUNE – CAS 12-23-10, U12C.03 CRATER (NEPTUNE)**

Inspection Date: <u>10/14/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/30/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Karen Patton</u>	Title: <u>HP</u>

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the sites.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☐	☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	<u>Replaced faded text on 2 signs</u>
c. How many of the 13 use restriction signs are damaged or missing and need to be replaced?		<u>0</u>	
d. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
3. Adjacent Offsite Features:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Are both runoff diversion berms in place and functioning as designed?	☒	☐	
b. Is there evidence of erosion (wind or water) or other damage to the berms?	☐	☒	
c. Is there evidence of sediment migrating past the E-Tunnel turnoff culvert or across the access road?	☒	☐	<u>as previously noted culvert at E-tunnel access is plugged</u>
d. Is there evidence of erosion (wind or water) or other damage to the E-Tunnel turnoff culvert or access road?	☒	☐	<u>" "</u>
e. Are there any other issues not specifically described in this checklist?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

**CAU 551, AREA 12 MUCKPILES – CAS 12-01-09, ABOVEGROUND STORAGE TANK AND STAIN,
CAS 12-06-05, U-12b MUCKPILE, CAS 12-06-07, MUCKPILE, AND CAS 12-06-08, MUCKPILE
CAU 574, NEPTUNE – CAS 12-23-10, U12C.03 CRATER (NEPTUNE)**

Photograph Instructions:

- Photographs are **REQUIRED** to document whether there is visible evidence of sediment migrating past the E-Tunnel turnoff culvert.
- Photographs should also be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

4. Photograph Documentation:

YES

NO

EXPLANATION

a. Have photographs been taken of the site?

✓

D. FIELD CONCLUSIONS

I. Field Conclusions and Repair or Maintenance Recommendations:

As previously documented, E-Tunnel access road culvert is filled with sediment + runoff from Aug. storms migrated out of UK. Replaced faded text on 2 signs rest of site in good condition but access road is badly eroded and impassible above the first diversion berm.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name:

Reed J. Poderis

CAU 552: AREA 12 MUCKPILE AND PONDS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 552, AREA 12 MUCKPILE AND PONDS – CAS 12-23-05, PONDS

Inspection Date: 10/14/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/30/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca Kuig	Title: Project Manager
Assistant Inspector: Karen Patton	Title: HP

A. GENERAL INSTRUCTIONS

- Check in at the G-Tunnel office prior to the inspection.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many damaged or missing use restriction signs need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Radioactive Material Area signs need to be replaced or re-hung?		✓	
g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 552, AREA 12 MUCKPILE AND PONDS – CAS 12-23-05, PONDS

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site in good condition. No issues
However gate was locked, suggest requesting
we can put one of our locks on gate.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

CAU 554: AREA 23 RELEASE SITE

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POST-CLOSURE INSPECTION CHECKLIST

CAU 554, AREA 23 RELEASE SITE – CAS 23-02-08, USTs 23-115-1,2,3/SPILL 530-90-002

Inspection Date: 12/3/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/27/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Koupal	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 4 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
e. Are both brass plates intact and readable?	✓		
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 554, AREA 23 RELEASE SITE – CAS 23-02-08, USTs 23-115-1,2,3/SPILL 530-90-002

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs + survey markers in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 12/3/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J. Poderis

CAU 560: SEPTIC SYSTEMS

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POST-CLOSURE INSPECTION CHECKLIST**CAU 560, SEPTIC SYSTEMS – CAS 06-05-03, LEACH PIT, AND CAS 06-05-04, LEACH BED**

Inspection Date: <u>10/30/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>11/6/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

YES	NO	EXPLANATION (required if shaded box is checked)
	✓	
	✓	

1. Were anomalies or trends detected on previous inspections?

2. Were maintenance or repair activities performed since the last inspection?

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:

YES	NO	EXPLANATION (required if shaded box is checked)
	✓	
✓		
	2	
	0	

a. Have any posts been damaged or their anchoring weakened?

b. Are all use restriction signs legible?

c. How many damaged or missing use restriction signs need to be replaced?

d. How many use restriction signs are down or loose and need to be re-hung?

2. Use-Restricted Area:

YES	NO	EXPLANATION (required if shaded box is checked)
	✓	
	✓	

a. Is there evidence of human or large animal intrusion onto the site?

b. Are there any other issues not specifically described in this checklist?

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
✓		

a. Have photographs been taken of the site?

✓

POST-CLOSURE INSPECTION CHECKLIST**CAU 560, SEPTIC SYSTEMS – CAS 06-05-03, LEACH PIT, AND CAS 06-05-04, LEACH BED****D. FIELD CONCLUSIONS****1. Field Conclusions and Repair or Maintenance Recommendations:**

2 weed damaged signs to replace. Rest of
signs + site in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed J. Poderis

CAU 561: WASTE DISPOSAL AREAS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 561, WASTE DISPOSAL AREAS – CAS 02-08-02, WASTE DUMP AND BURN AREA

Inspection Date: 10.22.13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10.16.12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

YES NO EXPLANATION (required if shaded box is checked)

- | | | | |
|---|--|---|--|
| 1. Were anomalies or trends detected on previous inspections? | | ✓ | |
| 2. Were maintenance or repair activities performed since the last inspection? | | ✓ | |

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:

YES NO EXPLANATION (required if shaded box is checked)

- | | | | |
|---|---|---|--|
| a. Have any sign posts been damaged or their anchoring weakened? | | ✓ | |
| b. Are all use restriction signs legible? | ✓ | | |
| c. How many of the 10 use restriction signs are damaged or missing and need to be replaced? | | 0 | |
| d. How many use restriction signs are down or loose and need to be re-hung? | | 0 | |

2. Use-Restricted Area:

YES NO EXPLANATION (required if shaded box is checked)

- | | | | |
|---|--|---|--|
| a. Is there evidence of human or large animal intrusion onto the site? | | ✓ | |
| b. Are there any other issues not specifically described in this checklist? | | ✓ | |

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES NO EXPLANATION

- | | | | |
|---|---|--|--|
| a. Have photographs been taken of the site? | ✓ | | |
|---|---|--|--|

POST-CLOSURE INSPECTION CHECKLIST**CAU 561, WASTE DISPOSAL AREAS – CAS 02-08-02, WASTE DUMP AND BURN AREA****D. FIELD CONCLUSIONS**

I. Field Conclusions and Repair or Maintenance Recommendations:

Site signs + fences in good condition.
No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10.22.13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10-23-13

Printed Name: Reed J. Poderis

CAU 566: EMAD COMPOUND

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POST-CLOSURE INSPECTION CHECKLIST**CAU 566, EMAD COMPOUND – CAS 25-99-20, EMAD COMPOUND**

Inspection Date: <u>11/7/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Koppad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced EMAD Facility is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☐	☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence and fence posts?	☐	☒	
b. Have any sign posts been damaged or their anchoring weakened?	☐	☒	
c. Are all use restriction signs legible?	☒	☐	
d. How many damaged or missing use restriction signs need to be replaced?		<u>0</u>	
e. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST**CAU 566, EMAD COMPOUND – CAS 25-99-20, EMAD COMPOUND****D. FIELD CONCLUSIONS****I. Field Conclusions and Repair or Maintenance Recommendations:**

Site, fencing, gate and signs are all in good condition. No issues

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/7/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/19/13

Printed Name: Reed J. Poderis

SOILS SITES

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**CAU 105: AREA 2 YUCCA FLAT ATMOSPHERIC TEST
SITES**

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POST-CLOSURE INSPECTION CHECKLIST

CAU 105, AREA 2 YUCCA FLAT ATMOSPHERIC TEST SITES – CAS 02-23-04, ATMOSPHERIC TEST SITE – WHITNEY; CAS 02-23-08, ATMOSPHERIC TEST SITE T-2; CAS 02-23-09, ATMOSPHERIC TEST SITE - TURK

Inspection Date: 12/9/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: this is the 1st Insp.	Reason for Last Post-Closure Inspection: NA
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Reed Poderis	Title: MGR

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?		✓	
b. Are all 6 use restriction signs legible?	✓		
c. How many damaged or missing use restriction signs need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 105, AREA 2 YUCCA FLAT ATMOSPHERIC TEST SITES – CAS 02-23-04, ATMOSPHERIC TEST SITE – WHITNEY; CAS 02-23-08, ATMOSPHERIC TEST SITE T-2; CAS 02-23-09, ATMOSPHERIC TEST SITE - TURK

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site and Signs are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 12/9/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 105, AREA 2 YUCCA FLAT ATMOSPHERIC TEST SITES –
CAS 02-23-05, ATMOSPHERIC TEST SITE T-2A (SHASTA)

Inspection Date: 12/9/13 Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 4/10/15 + 1/4/16 Reason for Last Post-Closure Inspection: NA

Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada

Responsible Facility Owner: Reed J. Poderis, Project Manager, Soils, Environmental Restoration Project

Chief Inspector: Rebecca King Title: PM

Assistant Inspector: Reed Poderis Title: MGR

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

YES NO EXPLANATION (required if shaded box is checked)

1. Were anomalies or trends detected on previous inspections?
2. Were maintenance or repair activities performed since the last inspection?

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:

YES NO EXPLANATION (required if shaded box is checked)

- a. Is there damage to the fence or fence posts?
- b. Have any sign posts been damaged or their anchoring weakened?
- c. Are all use restriction signs legible?
- d. How many damaged or missing use restriction signs need to be replaced?
- e. How many use restriction signs are down or loose and need to be re-hung?
- f. Do any Radioactive Material Area signs need to be replaced or re-hung?

2. Use-Restricted Area:

YES NO EXPLANATION (required if shaded box is checked)

- a. Is there evidence of human or large animal intrusion onto the site?
- b. Are there any other issues not specifically described in this checklist?

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES NO EXPLANATION

- a. Have photographs been taken of the site?

POST-CLOSURE INSPECTION CHECKLIST

CAU 105, AREA 2 YUCCA FLAT ATMOSPHERIC TEST SITES –
CAS 02-23-05, ATMOSPHERIC TEST SITE T-2A (SHASTA)

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs and fences are in good
condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 12/9/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J. Poderis

CAU 107: LOW IMPACT SOIL SITES

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POST-CLOSURE INSPECTION CHECKLIST**CAU 107, LOW IMPACT SOIL SITES – CAS 03-23-29, TRUCHAS-CHAMISAL CONTAMINATION AREA**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/23/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Kunkel</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | |
|---|-------------------------------------|--|
| 1. Were anomalies or trends detected on previous inspections? | ☒ | |
| 2. Were maintenance or repair activities performed since the last inspection? | ☒ | |

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | |
|--|-------------------------------------|--|
| a. Is there damage to the fence or fence posts? | ☒ | |
| b. Have any posts been damaged or their anchoring weakened? | ☒ | |
| c. Are all use restriction signs legible? | ☒ | |
| d. How many of the 4 use restriction signs are damaged or missing and need to be replaced? | <u>0</u> | |
| e. How many use restriction signs are down or loose and need to be re-hung? | <u>0</u> | |
| f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung? | ☒ | |

2. Use-Restricted Area:

YES	NO	EXPLANATION (required if shaded box is checked)
-----	----	---

- | | | |
|---|-------------------------------------|--|
| a. Is there evidence of human or large animal intrusion onto the site? | ☒ | |
| b. Are there any other issues not specifically described in this checklist? | ☒ | |

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:

YES	NO	EXPLANATION
-----	----	-------------

- | | | |
|---|-------------------------------------|--|
| a. Have photographs been taken of the site? | ☒ | |
|---|-------------------------------------|--|

POST-CLOSURE INSPECTION CHECKLIST**CAU 107, LOW IMPACT SOIL SITES – CAS 03-23-29, TRUCHAS-CHAMISAL CONTAMINATION AREA****D. FIELD CONCLUSIONS**

1. Field Conclusions and Repair or Maintenance Recommendations:

*Sites, signs + fences are in good condition.
No issues.*

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 107, LOW IMPACT SOIL SITES – CAS 18-23-02, U-18d CRATER (SULKY)

Inspection Date: 10/7/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/2/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: Project Manager
Assistant Inspector: Karen Patton	Title: HPV

A. GENERAL INSTRUCTIONS

- Obtain an 18-2c Gate key from OCC to access the site.
- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 6 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 107, LOW IMPACT SOIL SITES – CAS 18-23-02, U-18d CRATER (SULKY)

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs + fencing in good condition. No
issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/7/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

CAU 365: BANE BERRY CONTAMINATION AREA

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POST-CLOSURE INSPECTION CHECKLIST

CAU 365, BANEERRY CONTAMINATION AREA – CAS 08-23-02, U-8d CONTAMINATION AREA

Inspection Date: 10.22.13	Reason for Inspection: Annual Annual
Date of Last Post-Closure Inspection: 10.16.12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		Sign Repair

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 14 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Contamination Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 365, BANEERRY CONTAMINATION AREA – CAS 08-23-02, U-8d CONTAMINATION AREA

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, Signs + fencing all in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10.22.13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10-23-13

Printed Name: Reed J. Poderis

**CAU 366: AREA 11 PLUTONIUM VALLEY
DISPERSION SITES**

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POST-CLOSURE INSPECTION CHECKLIST

CAU 366, AREA 11 PLUTONIUM VALLEY DISPERSION SITES –
 CAS 11-08-01, CONTAMINATED WASTE DUMP #1
 CAS 11-08-02, CONTAMINATED WASTE DUMP #2
 CAS 11-23-02, RADIOACTIVELY CONTAMINATED AREA B
 CAS 11-23-03, RADIOACTIVELY CONTAMINATED AREA C
 CAS 11-23-04, RADIOACTIVELY CONTAMINATED AREA D

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: NA this is the 1st	Reason for Last Post-Closure Inspection: NA
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- The inspection includes the northern, western, and a portion of the southern Contamination Area boundary to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the gate or gate lock?		✓	
b. Is there damage to the fence or fence posts?		✓	
c. Have any sign posts been damaged or their anchoring weakened?		✓	
d. Are all use restriction signs legible?	✓		
e. How many damaged or missing use restriction signs need to be replaced?		0	
f. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Waste Unit Cover over CWD#1 (South Cover):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water)?	✓		EROSION RILLS on east slope
c. Is there evidence of human or large animal intrusion onto the site?		✓	
d. Are any of the monuments or attached signs damaged?		✓	
3. Waste Unit Cover over CWD#2 (North Cover):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water)?		✓	
c. Is there evidence of human or large animal intrusion onto the site?		✓	
d. Are any of the monuments or attached signs damaged?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 366, AREA 11 PLUTONIUM VALLEY DISPERSION SITES –
CAS 11-08-01, CONTAMINATED WASTE DUMP #1
CAS 11-08-02, CONTAMINATED WASTE DUMP #2
CAS 11-23-02, RADIOACTIVELY CONTAMINATED AREA B
CAS 11-23-03, RADIOACTIVELY CONTAMINATED AREA C
CAS 11-23-04, RADIOACTIVELY CONTAMINATED AREA D

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

4. Photograph Documentation:

YES	NO	EXPLANATION
☒	☐	

a. Have photographs been taken of the site?

D. FIELD CONCLUSIONS

1. Is there an imminent hazard to the integrity of the landfill covers?

☐	☒
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2. Field Conclusions and Repair or Maintenance Recommendations:

Minor erosion rills on east side of CWD #1. Rest of cones, signs, fencing and gate are in good condition. No other issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/6/13

Printed Name: Reed J. Poderis

**CAU 367: AREA 10 SEDAN, ESS AND UNCLE UNIT
CRATERS**

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POST-CLOSURE INSPECTION CHECKLIST

CAU 367, AREA 10 SEDAN, ESS AND UNCLE UNIT CRATERS – CAS 10-45-01, U-10h CRATER (SEDAN), CAS 10-45-02, ESS CRATER SITE, AND CAS 10-45-03, UNCLE CRATER SITE

Inspection Date: 10.22.13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10.16.12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca Knig	Title: P.M.
Assistant Inspector: Brian Kourad	Title: F.O.

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site Markers (CAS 10-45-01):			
a. Have any sign posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 19 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
e. Does the historical sign need to be replaced or re-hung?		✓	
2. Use-Restricted Area (CAS 10-45-01):			
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?	✓		Previously noted erosion in public viewing area
3. Site Markers (CAS 10-45-02):			
a. Have any sign posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 5 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
4. Use-Restricted Area (CAS 10-45-02):			
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 367, AREA 10 SEDAN, ESS AND UNCLE UNIT CRATERS – CAS 10-45-01, U-10h CRATER (SEDAN), CAS 10-45-02, ESS CRATER SITE, AND CAS 10-45-03, UNCLE CRATER SITE

5. Site Markers (CAS 10-45-03):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?		✓	
b. Are all use restriction signs legible?	✓		
c. How many of the 5 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
6. Use-Restricted Area (CAS 10-45-03):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	
Photograph Instructions: - Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report. - Other photographs are optional. - Photographs will be filed electronically.			
7. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
D. FIELD CONCLUSIONS			
1. Field Conclusions and Repair or Maintenance Recommendations: at 10-45-01 There is erosion in the public viewing area ¹ . Roads + Grounds is planning to repair. Signs, and rest of the site are in good at all CASs. No other issues.			
E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.			
Chief Inspector's Signature: /s/: Rebecca King			Date: 10-22-13
F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.			
Signature: /s/: Reed J. Poderis			Date: 10-23-13
Printed Name: Reed J. Poderis			

CAU 370: T-4 ATMOSPHERIC TEST SITE

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POST-CLOSURE INSPECTION CHECKLIST

CAU 370, T-4 ATMOSPHERIC TEST SITE – CAS 04-23-01, ATMOSPHERIC TEST SITE T-4

Inspection Date: 10/30/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/6/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- Check in at the BEEF office prior to the inspection.
- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?	✓		fence & sign repair

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?	✓		1 on North to repair
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many damaged or missing use restriction signs need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		1	
f. Do any Radioactive Material Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 370, T-4 ATMOSPHERIC TEST SITE – CAS 04-23-01, ATMOSPHERIC TEST SITE T-4

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

One fence t-post with signage need to be reset on the north. One U.R. sign to rehang on the west. Rest of the site is in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/3/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed J. Poderis

CAU 371: JOHNNIE BOY CRATER AND PIN STRIPE

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POST-CLOSURE INSPECTION CHECKLIST

CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 11-23-05, PIN STRIPE CONTAMINATION AREA

Inspection Date: 10/30/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/20/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Kenrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	✓		1 post on E is out of the ground
b. Are all use restriction signs legible?	✓		
c. How many of the 11 use restriction signs are damaged or missing and need to be replaced?		0	
d. How many use restriction signs are down or loose and need to be re-hung?		0	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 11-23-05, PIN STRIPE CONTAMINATION AREA

D. FIELD CONCLUSIONS

I. Field Conclusions and Repair or Maintenance Recommendations:

Site is in good condition. Post for one UR
 Sign is out of the ground (sign is still
 standing). Rest of signs in good condition

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 18-45-01, U-18j-2 CRATER (JOHNNIE BOY)**

Inspection Date: <u>10/7/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/2/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Karon Patton</u>	Title: <u>H P</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☐	☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	
c. How many of the 9 use restriction signs are damaged or missing and need to be replaced?	0		
d. How many use restriction signs are down or loose and need to be re-hung?	0		
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST

CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 18-45-01, U-18j-2 CRATER (JOHNNIE BOY)

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site and signs are in good condition. No
issues

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/7/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

**CAU 372: AREA 20 CABRIOLET/PALANQUIN UNIT
CRATERS**

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POST-CLOSURE INSPECTION CHECKLIST

**CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS –
CAS 18-45-02, LITTLE FELLER I SURFACE CRATER**

Inspection Date: <u>10/7/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/2/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: <u>Rebecca Krug</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Karon Patton</u>	Title: <u>H P</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☒	☐	<u>Sign + fence repair</u>

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?	☐	☒	
b. Have any sign posts been damaged or their anchoring weakened?	☐	☒	
c. Are all use restriction signs legible?	☒	☐	
d. How many of the 11 use restriction signs are damaged or missing and need to be replaced?	0		
e. How many use restriction signs are down or loose and need to be re-hung?	1		
f. Do any Contamination Area signs need to be replaced or re-hung?	☐	☒	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST

CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS –
CAS 18-45-02, LITTLE FELLER I SURFACE CRATER

D. FIELD CONCLUSIONS

I. Field Conclusions and Repair or Maintenance Recommendations:

1 sign down + needs new warning text. Rest
of signs + fencing in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/8/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS –
CAS 18-45-03, LITTLE FELLER II SURFACE CRATER

Inspection Date: 10/7/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/2/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca Krug	Title: Project Manager
Assistant Inspector: Karen Patton	Title: HP

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 11 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Contamination Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS –
CAS 18-45-03, LITTLE FELLER II SURFACE CRATER

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs + fences all in good condition.
No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/7/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

**CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS –
CAS 20-23-01, U-20k CONTAMINATION AREA**

Inspection Date: <u>10/1/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: <u>Rebecca Knig</u>	Title: <u>Proj. Mgr.</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>Field Ops.</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 22 use restriction signs are damaged or missing and need to be replaced?	0		
e. How many use restriction signs are down or loose and need to be re-hung?	0		
f. Do any Contamination Area signs need to be replaced or re-hung?		✓	

2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS –
CAS 20-23-01, U-20k CONTAMINATION AREA

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs and fencing in good
condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/1/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/1/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

**CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS –
CAS 20-45-01, U-20L CRATER (CABRIOLET)**

Inspection Date: <u>10/1/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: <u>Rebecca Kutz</u>	Title: <u>Proj. Mgr.</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>Field Ops</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 16 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Contamination Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS –
CAS 20-45-01, U-20L CRATER (CABRIOLET)

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs and fencing are in good
condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/1/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/1/13

Printed Name: Reed J. Poderis

CAU 374: AREA 20 SCHOONER UNIT CRATER

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POST-CLOSURE INSPECTION CHECKLIST

CAU 374, AREA 20 SCHOONER UNIT CRATER – CAS 18-23-01, DANNY BOY CONTAMINATION AREA

Inspection Date: 10/7/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/2/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: Project Manager
Assistant Inspector: Brian Konrad	Title: HI

A. GENERAL INSTRUCTIONS

- Obtain an 18-2c Gate key from OCC to access the site.
- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?	✓		NW corner upper wire down
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 20 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Contamination Area signs need to be replaced or re-hung?		✓	
g. Does the historical sign need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 374, AREA 20 SCHOONER UNIT CRATER – CAS 18-23-01, DANNY BOY CONTAMINATION AREA****D. FIELD CONCLUSIONS**

I. Field Conclusions and Repair or Maintenance Recommendations:

Upper wire detached on NW corner of fence. Signs
 Site and rest of signs in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/7/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 374, AREA 20 SCHOONER UNIT CRATER – CAS 20-45-03, U-20u CRATER (SCHOONER)**

Inspection Date: <u>10/11/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: <u>Rebecca Kuni</u>	Title: <u>Proj Mgr</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- *The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.*
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☒	☐	
2. Were maintenance or repair activities performed since the last inspection?	☒	☐	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?	☒	☐	
b. Are all use restriction signs legible?	☐	☒	
c. How many of the 18 use restriction signs are damaged or missing and need to be replaced?		<u>0</u>	
d. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
e. Does the historical sign need to be replaced or re-hung?	☒	☐	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☒	☐	
b. Are there any other issues not specifically described in this checklist?	☒	☐	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST**CAU 374, AREA 20 SCHOONER UNIT CRATER – CAS 20-45-03, U-20u CRATER (SCHOONER)****D. FIELD CONCLUSIONS****I. Field Conclusions and Repair or Maintenance Recommendations:**

*Signs and site are in good condition.
No issues.*

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.Chief Inspector's Signature: /s/: Rebecca KingDate: 10/01/13**F. VERIFICATION:** I have reviewed this checklist and attachments and have verified that they are complete.Signature: /s/: Reed J. PoderisDate: 10/1/13Printed Name: Reed J. Poderis

CAU 375: AREA 30 BUGGY UNIT CRATERS

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POST-CLOSURE INSPECTION CHECKLIST**CAU 375, AREA 30 BUGGY UNIT CRATERS – CAS 25-23-22, CONTAMINATED SOILS SITE**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Kowal</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- *The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Test Cell A Facility is not required for the inspection.*
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☐	☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?	☐	☒	
b. Have any sign posts been damaged or their anchoring weakened?	☐	☒	
c. Are all use restriction signs legible?	☒	☐	
d. How many of the 17 use restriction signs are damaged or missing and need to be replaced?		<u>0</u>	
e. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
f. Do any Radioactive Material Area signs need to be replaced or re-hung?	☐	☒	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
b. Are there any other issues not specifically described in this checklist?	☐	☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST**CAU 375, AREA 30 BUGGY UNIT CRATERS – CAS 25-23-22, CONTAMINATED SOILS SITE****D. FIELD CONCLUSIONS**

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs & fencing in good condition.
No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 375, AREA 30 BUGGY UNIT CRATERS – CAS 30-45-01, U-30a, b, c, d, e CRATERS

Inspection Date: 10/7/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/2/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca Knis	Title: Project Manager
Assistant Inspector: Karen Patton	Title: HP

A. GENERAL INSTRUCTIONS

- Obtain an 30-2c Gate key from OCC to access Cat Canyon Road.
- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many of the 18 use restriction signs are damaged or missing and need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Contamination Area signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	✓		San canopy tent left inside from recent work.
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 375, AREA 30 BUGGY UNIT CRATERS – CAS 30-45-01, U-30a, b, c, d, e CRATERS

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Canopy frame left inside from recent work. Site,
signed & fencing in good condition

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/17/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

CAU 465: HYDRONUCLEAR

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POST-CLOSURE INSPECTION CHECKLIST

CAU 465, HYDRONUCLEAR – CAS 00-23-01, CHARLIE SITE

Inspection Date: 11/25/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: NA this is the 1st	Reason for Last Post-Closure Inspection: NA
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Karpas	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all 5 use restriction signs legible?	✓		
d. How many damaged or missing use restriction signs need to be replaced?	0		
e. How many use restriction signs are down or loose and need to be re-hung?	0		
f. Do any Underground Radioactive Material signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 465, HYDRONUCLEAR – CAS 00-23-01, CHARLIE SITE

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, fences and signs are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/25/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 465, HYDRONUCLEAR -- CAS 00-23-02, DOG SITE**

Inspection Date: 11/25/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: NA	Reason for Last Post-Closure Inspection: First this is the inspection
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Kourad	Title: FO

A. GENERAL INSTRUCTIONS

- Arrange access with Cyle Iverson one week prior to the inspection.
- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all 15 use restriction signs legible? (5 signs on the fenced area, 4 signs on the trench and 1 sign at each of 6 disposal sites)	✓		
d. How many damaged or missing use restriction signs need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material signs need to be replaced or re-hung?		✓	

2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 465, HYDRONUCLEAR – CAS 00-23-02, DOG SITE

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Signs, fences + site in good condition at fenced area, French and bore holes. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/25/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: ^{RAJH} /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 465, HYDRONUCLEAR – CAS 00-23-03, CHARLIE PRIME AND ANJA SITES

Inspection Date: 11/25/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: NA	Reason for Last Post-Closure Inspection: this is the first
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Reed J. Poderis, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Konrad	Title: FO

A. GENERAL INSTRUCTIONS

- Arrange access with Cyle Iverson one week prior to the inspection.
- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Charlie Prime Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all 6 use restriction signs legible?	✓		
d. How many damaged or missing use restriction signs need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material signs need to be replaced or re-hung?		✓	
2. Charlie Prime Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	
3. Anja Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
g. Is there damage to the fence or fence posts?		✓	
h. Have any sign posts been damaged or their anchoring weakened?		✓	
i. Are all 5 use restriction signs legible?	✓		
j. How many damaged or missing use restriction signs need to be replaced?		0	
k. How many use restriction signs are down or loose and need to be re-hung?		0	
l. Do any Underground Radioactive Material signs need to be replaced or re-hung?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 465, HYDRONUCLEAR – CAS 00-23-03, CHARLIE PRIME AND ANJA SITES

4. Anja Use-Restricted Area:

- c. Is there evidence of human or large animal intrusion onto the site?
- d. Are there any other issues not specifically described in this checklist?

YES

NO

EXPLANATION (required if shaded box is checked)



Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

5. Photograph Documentation:

- a. Have photographs been taken of the site?

YES

NO

EXPLANATION



D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Both sites, all signs and fences are in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/25/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 12/10/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 465, HYDRONUCLEAR – CAS 06-99-01, TRAILER 13 SITE

Inspection Date: 10/30/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: NA	Reason for Last Post-Closure Inspection: NA (this is first)
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Leonard	Title: FO

A. GENERAL INSTRUCTIONS

- Check in with Kyle Iverson prior to the inspection.
- The site inspection is an inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	This is the first annual inspection
2. Were maintenance or repair activities performed since the last inspection?		✓	" "

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all 5 use restriction signs legible?	✓		
d. How many damaged or missing use restriction signs need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Do any Underground Radioactive Material signs need to be replaced or re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 465, HYDRONUCLEAR – CAS 06-99-01, TRAILER 13 SITE

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs and fencing all in good condition. No issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/30/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/25/13

Printed Name: Reed J. Poderis

**CAU 569: AREA 3 YUCCA FLAT ATMOSPHERIC TEST
SITES**

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POST-CLOSURE INSPECTION CHECKLIST**CAU 569, AREA 3 YUCCA FLAT ATMOSPHERIC TEST SITES –
CAS 03-23-13 AND CAS 03-23-15, T-3T AND S-3G CONTAMINATION AREA**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>NA (1st inspection)</u>	Reason for Last Post-Closure Inspection: <u>NA</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- Obtain an ER key to access the site.
- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects of the covers to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		☒	
2. Were maintenance or repair activities performed since the last inspection?		☒	
a. If yes, has site repair resulted in a change from as-built conditions?		☒ NA	
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		☒ NA	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		☒	
b. Have any sign posts been damaged or their anchoring weakened?		☒	
c. Are all use restriction signs legible?	☒		
d. How many damaged or missing use restriction signs need to be replaced?		<u>0</u>	
e. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
f. Are there any other issues not specifically described in this checklist?		<u>0</u>	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

2. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒		

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:



POST-CLOSURE INSPECTION CHECKLIST**CAU 569, AREA 3 YUCCA FLAT ATMOSPHERIC TEST SITES –
CAS 03-23-13 AND CAS 03-23-15, T-3T AND S-3G CONTAMINATION AREA**

Site and signs are in good condition - No
issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/6/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST**CAU 569, AREA 3 YUCCA FLAT ATMOSPHERIC TEST SITES –
CAS 03-23-21, PIKE CONTAMINATION AREA (BANDICOOT)**

Inspection Date: <u>11/4/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>NA (First Inspection)</u>	Reason for Last Post-Closure Inspection: <u>NA</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>PM</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>FO</u>

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects of the covers to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☒	☐	
2. Were maintenance or repair activities performed since the last inspection?	☒	☐	
a. If yes, has site repair resulted in a change from as-built conditions?	☐	☒	NA ☒
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?	☐	☒	NA ☒

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?	☒	☐	
b. Have any sign posts been damaged or their anchoring weakened?	☒	☐	
c. Are all use restriction signs legible?	☒	☐	
d. How many damaged or missing use restriction signs need to be replaced?	☐	<u>0</u>	
e. How many use restriction signs are down or loose and need to be re-hung?	☐	<u>0</u>	
f. Are there any other issues not specifically described in this checklist?	☐	☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

2. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	

D. FIELD CONCLUSIONS**1. Field Conclusions and Repair or Maintenance Recommendations:**

Site and signs are in good condition.
No issues.

POST-CLOSURE INSPECTION CHECKLIST**CAU 569, AREA 3 YUCCA FLAT ATMOSPHERIC TEST SITES –
CAS 03-23-21, PIKE CONTAMINATION AREA (BANDICOOT)****E. CERTIFICATION:** I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

POST-CLOSURE INSPECTION CHECKLIST

CAU 569, AREA 3 YUCCA FLAT ATMOSPHERIC TEST SITES –
CAS 03-23-21, PIKE CONTAMINATION AREA

Inspection Date: 11/4/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: NA (First Inspection)	Reason for Last Post-Closure Inspection: NA
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: PM
Assistant Inspector: Brian Conrad	Title: FO

A. GENERAL INSTRUCTIONS

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects of the covers to be able to inspect the entire surface and all features specifically described in this checklist.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	this is the 1st inspection
2. Were maintenance or repair activities performed since the last inspection?		✓	"
a. If yes, has site repair resulted in a change from as-built conditions?		NA ✓	
b. If yes (to 2a), are revised as-built plans available that reflect repair changes?		NA ✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence or fence posts?		✓	
b. Have any sign posts been damaged or their anchoring weakened?		✓	
c. Are all use restriction signs legible?	✓		
d. How many damaged or missing use restriction signs need to be replaced?		0	
e. How many use restriction signs are down or loose and need to be re-hung?		0	
f. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

2. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs + fences in good condition. No issues.

POST-CLOSURE INSPECTION CHECKLIST**CAU 569, AREA 3 YUCCA FLAT ATMOSPHERIC TEST SITES –
CAS 03-23-21, PIKE CONTAMINATION AREA****E. CERTIFICATION:** I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 11/4/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 11/5/13

Printed Name: Reed J. Poderis

CAU 574: NEPTUNE

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POST-CLOSURE INSPECTION CHECKLIST

**CAU 551, AREA 12 MUCKPILES – CAS 12-01-09, ABOVEGROUND STORAGE TANK AND STAIN,
CAS 12-06-05, U-12b MUCKPILE, CAS 12-06-07, MUCKPILE, AND CAS 12-06-08, MUCKPILE
CAU 574, NEPTUNE – CAS 12-23-10, U12C.03 CRATER (NEPTUNE)**

Inspection Date: <u>10/14/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/30/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Karen Patton</u>	Title: <u>HP</u>

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the sites.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?	☐	☒	
2. Were maintenance or repair activities performed since the last inspection?	☐	☒	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any sign posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	<u>Replaced faded text on 2 signs</u>
c. How many of the 13 use restriction signs are damaged or missing and need to be replaced?		<u>0</u>	
d. How many use restriction signs are down or loose and need to be re-hung?		<u>0</u>	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?	☐	☒	
3. Adjacent Offsite Features:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Are both runoff diversion berms in place and functioning as designed?	☒	☐	
b. Is there evidence of erosion (wind or water) or other damage to the berms?	☐	☒	
c. Is there evidence of sediment migrating past the E-Tunnel turnoff culvert or across the access road?	☒	☐	<u>as previously noted culvert at E-tunnel access is plugged</u>
d. Is there evidence of erosion (wind or water) or other damage to the E-Tunnel turnoff culvert or access road?	☒	☐	<u>" "</u>
e. Are there any other issues not specifically described in this checklist?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 551, AREA 12 MUCKPILES – CAS 12-01-09, ABOVEGROUND STORAGE TANK AND STAIN,
CAS 12-06-05, U-12b MUCKPILE, CAS 12-06-07, MUCKPILE, AND CAS 12-06-08, MUCKPILE
CAU 574, NEPTUNE – CAS 12-23-10, U12C.03 CRATER (NEPTUNE)

Photograph Instructions:

- Photographs are **REQUIRED** to document whether there is visible evidence of sediment migrating past the E-Tunnel turnoff culvert.
- Photographs should also be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

4. Photograph Documentation:

YES	NO	EXPLANATION
✓		

a. Have photographs been taken of the site?

D. FIELD CONCLUSIONS

I. Field Conclusions and Repair or Maintenance Recommendations:

As previously documented, E-Tunnel access road culvert is filled with sediment + runoff from Aug. storms migrated out of UK. Replaced faded text on 2 signs rest of site in good condition but access road is badly eroded and impassible above the first diversion berm.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

**DEFENSE THREAT
REDUCTION AGENCY
SITES**

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CAU 383: AREA 12 E-TUNNEL SITES

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POST-CLOSURE INSPECTION CHECKLIST

**CAU 383, AREA 12 E-TUNNEL SITES –
CAS 12-06-06, MUCKPILE, CAS 12-25-02, OIL SPILL, AND CAS 12-28-02, RADIOACTIVE MATERIAL**

Inspection Date: <u>10/14/13</u>	Reason for Inspection: <u>Annual</u>	
Date of Last Post-Closure Inspection: <u>10/30/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>	
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada		
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project		
Chief Inspector: <u>Rebecca Knig</u>	Title: <u>Project Manager</u>	
Assistant Inspector: <u>Karen Patton</u>	Title: <u>HQP</u>	
A. GENERAL INSTRUCTIONS • Obtain an ER SKD66 key to access the sites. • Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. • All documentation must be legible and clear. Complete all checklist items. • If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection. • Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.		
B. PREPARATION (To be completed prior to the site visit)	YES NO EXPLANATION (required if shaded box is checked)	
1. Were anomalies or trends detected on previous inspections?	☐ ☒	
2. Were maintenance or repair activities performed since the last inspection?	☒ ☐	<u>UR sign repair</u>
C. SITE INSPECTION (To be completed during the site visit)		
1. Site Markers:	YES NO EXPLANATION (required if shaded box is checked)	
a. Is there damage to the fence or fence posts?	☐ ☒	
b. Have any sign posts been damaged or their anchoring weakened?	☐ ☒	
c. Are all use restriction signs legible?	☒ ☐	
d. How many of the 11 use restriction signs are damaged or missing and need to be replaced?	☐ ☐	
e. How many use restriction signs are down or loose and need to be re-hung?	☐ ☐	
f. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?	☐ ☒	
2. Use-Restricted Area:	YES NO EXPLANATION (required if shaded box is checked)	
a. Is there evidence of human or large animal intrusion onto the site?	☐ ☒	
b. Are there any other issues not specifically described in this checklist?	☐ ☒	
Photograph Instructions: • Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report. • Other photographs are optional. • Photographs will be filed electronically.		
3. Photograph Documentation:	YES NO EXPLANATION	
a. Have photographs been taken of the site?	☒ ☐	

POST-CLOSURE INSPECTION CHECKLIST

CAU 383, AREA 12 E-TUNNEL SITES –
CAS 12-06-06, MUCKPILE, CAS 12-25-02, OIL SPILL, AND CAS 12-28-02, RADIOACTIVE MATERIAL

D. FIELD CONCLUSIONS

I. Field Conclusions and Repair or Maintenance Recommendations:

Site, signs & fence in good condition. No
issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/14/13

Printed Name: Reed J. Poderis

**CAU 476: AREA 12 T-TUNNEL MUCKPILE and
CAU 559: T-TUNNEL COMPRESSOR/BLOWER PAD**

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POST-CLOSURE INSPECTION CHECKLIST

CAU 476, AREA 12 T-TUNNEL MUCKPILE – CAS 12-06-02, MUCKPILE

CAU 559, T-TUNNEL COMPRESSOR/BLOWER PAD – CAS 12-25-13, OIL STAINED SOIL AND CONCRETE

Inspection Date: 10/14/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/30/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: Proj. Mgr.
Assistant Inspector: Karen Patton	Title: HP

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the site.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the gate?	✓		see D.1
b. Is the gate lock in place and functional?		✓	
c. Have any posts been damaged or their anchoring weakened?		✓	
d. Is the use restriction sign legible?	✓		
e. Is the use restriction sign damaged or missing and need to be replaced?		✓	
f. Is the use restriction sign down or loose and need to be re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 476, AREA 12 T-TUNNEL MUCKPILE – CAS 12-06-02, MUCKPILE****CAU 559, T-TUNNEL COMPRESSOR/BLOWER PAD – CAS 12-25-13, OIL STAINED SOIL AND CONCRETE****D. FIELD CONCLUSIONS****I. Field Conclusions and Repair or Maintenance Recommendations:**

gate is broken so cannot be locked. Rest of site
in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

CAU 477: AREA 12 N-TUNNEL MUCKPILE

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POST-CLOSURE INSPECTION CHECKLIST

CAU 477, AREA 12 N-TUNNEL MUCKPILE – CAS 12-06-03, MUCKPILE

Inspection Date: 10/14/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/30/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: Project Manager
Assistant Inspector: Karen Patton	Title: ITP

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the site.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the gate?		✓	
b. Is the gate lock in place and functional?	✓		
c. Have any posts been damaged or their anchoring weakened?		✓	
d. Is the use restriction sign legible?	✓		
e. Is the use restriction sign damaged or missing and need to be replaced?		✓	
f. Is the use restriction sign down or loose and need to be re-hung?		✓	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 477, AREA 12 N-TUNNEL MUCKPILE – CAS 12-06-03, MUCKPILE

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Site and sign in good condition. No
issues

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

CAU 478: AREA 12 T-TUNNEL PONDS

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POST-CLOSURE INSPECTION CHECKLIST**CAU 478, AREA 12 T-TUNNEL PONDS – CAS 12-23-01, PONDS (5), RAD AREA**

Inspection Date: <u>10/14/13</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>10/30/12</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Rebecca King</u>	Title: <u>Project Manager</u>
Assistant Inspector: <u>Karen Patton</u>	Title: <u>HR</u>

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the site.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		☒	
2. Were maintenance or repair activities performed since the last inspection?		☒	

C. SITE INSPECTION PREPARATION

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the gate?	☒		
b. Is the gate lock in place and functional?		☒	
c. Have any posts been damaged or their anchoring weakened?		☒	
d. Is the use restriction sign legible?	☒		
e. Is the use restriction sign damaged or missing and need to be replaced?		☒	
f. Is the use restriction sign down or loose and need to be re-hung?		☒	
2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		☒	
b. Are there any other issues not specifically described in this checklist?		☒	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒		

POST-CLOSURE INSPECTION CHECKLIST

CAU 478, AREA 12 T-TUNNEL PONDS – CAS 12-23-01, PONDS (5), RAD AREA

D. FIELD CONCLUSIONS

1. Field Conclusions and Repair or Maintenance Recommendations:

Gate needs repair - cannot be locked. Rest
of the site in good condition.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis

CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 482, AREA 15 U15a/e MUCKPILES AND PONDS –

CAS 15-06-01, U15e MUCKPILE, CAS 15-06-02, U15a MUCKPILE, AND CAS 15-38-01, AREA 15 U15a/e PONDS

Inspection Date: 10/14/13	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/16/12	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Rebecca King	Title: Project Manager
Assistant Inspector: Karen Patton	Title: HP

A. GENERAL INSTRUCTIONS

- Obtain an ER SKD66 key to access the site.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection.
- All documentation must be legible and clear. Complete all checklist items.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

B. PREPARATION (To be completed prior to the site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Were anomalies or trends detected on previous inspections?		✓	
2. Were maintenance or repair activities performed since the last inspection?		✓	

C. SITE INSPECTION (To be completed during the site visit)

1. Site Markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the gate?		✓	
b. Is the gate lock in place and functional?	✓		
c. Have any posts been damaged or their anchoring weakened?		✓	
d. Is the use restriction sign legible?	✓		
e. Is the use restriction sign damaged or missing and need to be replaced?		✓	
f. Is the use restriction sign down or loose and need to be re-hung?		✓	

2. Use-Restricted Area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human or large animal intrusion onto the site?		✓	
b. Are there any other issues not specifically described in this checklist?		✓	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs, anomalous features, or new features (such as changes in adjacent area land use). These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Other photographs are optional.
- Photographs will be filed electronically.

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST**CAU 482, AREA 15 U15a/e MUCKPILES AND PONDS –****CAS 15-06-01, U15e MUCKPILE, CAS 15-06-02, U15a MUCKPILE, AND CAS 15-38-01, AREA 15 U15a/e PONDS****D. FIELD CONCLUSIONS****I. Field Conclusions and Repair or Maintenance Recommendations:**

Site, sign & gate in good condition. No
issues.

E. CERTIFICATION: I have conducted this inspection in accordance with the post-closure requirements as recorded on this checklist and attachments.

Chief Inspector's Signature: /s/: Rebecca King

Date: 10/14/13

F. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.

Signature: /s/: Reed J. Poderis

Date: 10/16/13

Printed Name: Reed J. Poderis