SUBMITTAL OF THE FINAL POST-CLOSURE INSPECTION LETTER REPORT FOR CORRECTIVE ACTION UNITS ON THE NEVADA NATIONAL SECURITY SITE, MAY 2011

This letter serves as the post-closure inspection letter report for Corrective Action Units (CAUs) on the Nevada National Security Site for Calendar Year (CY) 2010.

**INDUSTRIAL SITES**
The following use restrictions are sites that were closed under the Industrial Sites Sub-Project.

**CAU 5, Landfills**
Eight Corrective Action Sites (CASs) in CAU 5 require inspections. CAS 05-15-01 and CAS 05-16-01 were inspected on November 22, 2010. CAS 06-08-01, CAS 06-15-02, and CAS 06-15-03 were inspected on November 9, 2010. CAS 12-15-01 was inspected on October 11, 2010. CAS 20-15-01 was inspected on October 18, 2010. CAS 23-15-03 was inspected on November 29, 2010.

During the previous inspections performed for CY 2009, several signs were down or loose at CAS 05-16-01, CAS 06-08-01, CAS 06-15-02, CAS 06-15-03, and CAS 20-15-01. Sign maintenance was completed in April, May, and July of 2010. During the 2010 inspections, T-posts were loose and several signs were down or missing at CAS 05-15-01, CAS 05-16-01, CAS 12-15-01, and CAS 23-15-03. It was noted that minor fence repair was required at CAS 12-15-01. Sign and fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

**CAU 113, Area 25 R-MAD Facility**
One CAS in CAU 113 requires inspections. CAS 25-41-01 was inspected on November 15, 2010. No issues were identified, and no maintenance or repairs were required.

**CAU 115, Area 25 Test Cell A Facility**
One CAS in CAU 115 requires inspections. CAS 25-41-04 was inspected on November 15, 2010. During the previous inspection performed for CY 2009, one sign was down. Sign maintenance was completed in May 2010. During the 2010 inspection, no issues were identified, and no maintenance or repairs were required.
CAU 118, Area 27 Super Kukla Facility
One CAS in CAU 118 requires inspections. CAS 27-41-01 was inspected on November 22, 2010. During the inspection, it was noted that minor fence repair was required. Fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 127, Areas 25 and 26 Storage Tanks
Two CASs in CAU 127 require inspections. CAS 25-01-07 and CAS 25-02-02 were inspected on November 15, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 137, Waste Disposal Sites
Four CASs in CAU 137 require inspections. CAS 01-08-01 was inspected on November 9, 2010. CAS 07-23-02 was inspected on October 25, 2010. CAS 12-08-01 and CAS 12-23-07 were inspected on October 11, 2010. During the previous inspections performed for CY 2009, radiological warning signs were down and fence repair was required at CAS 12-08-01 and CAS 12-23-07. Sign and fence maintenance was completed in May 2010. During the 2010 inspections, several signs were faded and needed to be replaced at CAS 07-23-02, CAS 12-08-01, and CAS 12-23-07. Sign maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 139, Waste Disposal Sites
Two CASs in CAU 139 require inspections. CAS 06-19-03 was inspected on November 9, 2010. CAS 09-23-01 was inspected on October 25, 2010. During the previous inspections performed for CY 2009, several signs were damaged or missing, and it was noted that minor fence repair was required at CAS 09-23-01. Sign and fence maintenance was completed in April 2010. During the 2010 inspections, it was noted that minor fence repair was required at CAS 09-23-01. Fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 140, Waste Dumps, Burn Pits, and Storage Area
Two CASs in CAU 140 require inspections. CAS 05-23-01 and CAS 23-17-01 were inspected on November 22, 2010. During the previous inspections performed for CY 2009, one sign was down at CAS 05-23-01, and one sign needed to be replaced at CAS 23-17-01. Sign maintenance was completed in April 2010. During the 2010 inspections, one sign was loose at CAS 05-23-01, and one sign was down at CAS 23-17-01. It was noted that minor fence repair was required at CAS 05-23-01. Sign and fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 143, Area 25 Contaminated Waste Dumps
Two CASs in CAU 143 require inspections. CAS 25-23-03 and CAS 25-23-09 were inspected on November 15, 2010. During the previous inspections performed for CY 2009, several signs were down or missing at CAS 25-23-03 and CAS 25-23-09. Sign maintenance was completed in May 2010. During the 2010 inspections, one sign was down at CAS 25-23-09. Sign maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.
CAU 145, Wells and Storage Holes
Four CASs in CAU 145 require inspections. CAS 03-20-02, CAS 03-20-04, CAS 03-20-08, and CAS 03-25-01 were inspected on November 1, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 151, Septic Systems and Discharge Area
One CAS in CAU 151 requires inspections. CAS 12-03-01 (Lagoon A) was inspected on October 11, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 165, Area 25 and 26 Dry Well and Washdown Areas
One CAS in CAU 165 requires inspections. CAS 25-20-01 was inspected on November 15, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 168, Area 25 and 26 Contaminated Materials and Waste Dumps
Three CASs in CAU 168 require inspections. CAS 25-16-03 and CAS 25-99-16 were inspected on November 29, 2010. CAS 25-23-02 was inspected on November 15, 2010. During the previous inspections performed for CY 2009, erosion was observed at CAS 25-16-03, and two signs were down at CAS 25-23-02. Erosion repair at CAS 25-16-03 was completed in August 2010, and sign maintenance at CAS 25-23-02 was completed in May 2010. During the 2010 inspections, no issues were identified, and no maintenance or repairs were required.

CAU 204, Storage Bunkers
Five CASs in CAU 204 require inspections. CAS 01-34-01 was inspected on November 9, 2010. CAS 02-34-01 was inspected on October 25, 2010. CAS 03-34-01 was inspected on November 1, 2010. CAS 05-18-02 and CAS 05-33-01 were inspected on November 22, 2010. During the previous inspections performed for CY 2009, it was recommended to remove tumbleweeds at CAS 01-34-01 as a best management practice, and one sign was down at CAS 05-33-01. Tumbleweed removal and sign maintenance were completed in April 2010. During the 2010 inspections, no issues were identified, and no maintenance or repairs were required.

CAU 254, Area 25 R-MAD Decontamination Facility
One CAS in CAU 254 requires inspections. CAS 25-23-06 was inspected on November 15, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 261, Area 25 Test Cell A Leachfield System
One CAS in CAU 261 requires inspections. CAS 25-05-01 was inspected on November 15, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 262, Area 25 Septic Systems and UDP
Three CASs in CAU 262 require inspections. CAS 25-02-06, CAS 25-05-03, and CAS 25-05-08 were inspected on November 15, 2010. During the previous inspections performed for CY 2009, signs needed to be replaced at CAS 25-02-06. Sign maintenance was completed in May 2010. During the 2010 inspections, one sign needed to be replaced at CAS 25-02-06. Sign maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.
CAU 309, Area 12 Muckpiles
Three CASs in CAU 309 require inspections. CAS 12-06-09, CAS 12-08-02, and CAS 12-28-01 were inspected on October 11, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 322, Areas 1 & 3 Release Sites and Injection Wells
One CAS in CAU 322 requires inspections. CAS 03-20-05 was inspected on November 1, 2010. During the inspection, two signs were down, and it was noted that minor fence repair was required. Sign and fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 357, Mud Pits and Waste Dump
Three CASs in CAU 357 require inspections. CAS 04-26-03 was inspected on November 9, 2010. CAS 10-09-06 was inspected on October 25, 2010. CAS 25-15-01 was inspected on November 15, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 528, Polychlorinated Biphenyls Contamination
One CAS in CAU 528 requires inspections. CAS 25-27-03 was inspected on November 15, 2010. During the previous inspection performed for CY 2009, numerous signs were missing or required maintenance. Sign maintenance was completed in September 2010. During the 2010 inspection, no issues were identified, and no maintenance or repairs were required.

CAU 529, Area 25 Contaminated Materials
One CAS in CAU 529 requires inspections. CAS 25-23-17 was inspected on November 15, 2010. During the inspection, two signs were missing, and it was noted that minor fence repair was required. Sign and fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 542, Disposal Holes
Five CASs in CAU 542 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 1, 2010. During the previous inspections performed for CY 2009, several signs were missing at CAS 03-20-07, CAS 03-20-09, CAS 03-20-11, and CAS 06-20-03. Sign maintenance was completed in April 2010. During the 2010 inspections, several signs were faded and needed to be replaced at CAS 03-20-09, CAS 03-20-10, and CAS 06-20-03. Sign maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 543, Liquid Disposal Units
Three CASs in CAU 543 require inspections. CAS 06-07-01 was inspected on November 9, 2010. CAS 15-01-03 and CAS 15-23-03 were inspected on October 25, 2010. During the previous inspections performed for CY 2009, one radiological warning sign was down at CAS 15-01-03 and CAS 15-23-03. Sign maintenance was completed in April 2010. During the 2010 inspections, three signs were missing, and it was noted that minor fence repair was required at CAS 15-01-03 and CAS 15-23-03. Sign and fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.
CAU 545, Dumps, Waste Disposal Sites, and Buried Radioactive Materials
Two CASs in CAU 545 require inspections. CAS 03-08-03 and CAS 03-23-05 were inspected on November 1, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 546, Injection Well and Surface Releases
One CAS in CAU 546 requires inspections. CAS 09-20-01 was inspected on October 25, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 551, Area 12 Muckpiles
Four CASs in CAU 551 require inspections. CAS 12-01-09, CAS 12-06-05, CAS 12-06-07, and CAS 12-06-08 were inspected on October 11, 2010. During the inspection, two signs were down, and one sign was faded and needed to be replaced. Sign maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 552, Area 12 Muckpile and Ponds
One CAS in CAU 552 requires inspections. CAS 12-23-05 was inspected on October 11, 2010. During the previous inspection performed for CY 2009, it was observed that the barbed wire required maintenance. Fence maintenance was completed in May 2010. During the 2010 inspection, no issues were identified, and no maintenance or repairs were required.

CAU 554, Area 23 Release Site
One CAS in CAU 554 requires inspections. CAS 23-02-08 was inspected on November 22, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 560, Septic Systems
Two CASs in CAU 560 require inspections. CAS 06-05-03 and CAS 06-05-04 were inspected on November 9, 2010. No issues were identified, and no maintenance or repairs were required.

SOILS SITES
The following use restrictions are sites that were closed under the Soils Sub-Project.

CAU 107, Low Impact Soil Sites
Two CASs in CAU 107 require inspections. CAS 03-23-29 was inspected on November 1, 2010. CAS 18-23-02 was inspected on October 18, 2010. During the inspections, it was noted that minor fence repair was required at CAS 03-23-29. Fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 370, T-4 Atmospheric Test Site
One CAS in CAU 370 requires inspections. CAS 04-23-01 was inspected on November 9, 2010. During the inspection, two signs were down, and it was noted that minor fence repair was required. Sign and fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.
CAU 371, Johnnie Boy Crater and Pin Stripe
Two CASs in CAU 371 require inspections. CAS 11-23-05 was inspected on November 1, 2010. CAS 18-45-01 was inspected on October 18, 2010. No issues were identified, and no maintenance or repairs were required.

DEFENSE THREAT REDUCTION AGENCY SITES
The following use restrictions are sites that were closed 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 in CAU 383 require inspections. CAS 12-06-06, CAS 12-25-02, and CAS 12-28-02 were inspected on October 11, 2010. During the previous inspections performed for CY 2009, it was observed that T-posts and one sign required repair. T-post and sign maintenance was completed in May 2010. During the 2010 inspections, no issues were identified, and no maintenance or repairs were required.

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 11, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 477, Area 12 N-Tunnel Muckpile
One CAS in CAU 477 requires inspections. CAS 12-06-03 was inspected on October 11, 2010. During the inspection, it was noted that the wording on the sign had been altered. Sign maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 478, Area 12 T-Tunnel Ponds
One CAS in CAU 478 requires inspections. CAS 12-23-01 was inspected on October 11, 2010. During the inspection, it was noted that minor fence repair was required. Fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 482, Area 15 U15a/e Muckpiles and Ponds
Three CASs in CAU 482 require inspections. CAS 15-06-01, CAS 15-06-02, and CAS 15-38-01 were inspected on October 25, 2010. No issues were identified, and no maintenance or repairs were required.
Copies of completed inspection checklists are enclosed. Please direct comments and questions to Tiffany A. Lantow, of my staff, at (702) 295-7645.

Original Signed by:
Rob Boehlecke

Robert F. Boehlecke
Federal Project Director
Environmental Restoration Project

Enclosures:
As stated

cc w/encls.: N I
J. T. Fraher, DTRA/CXTS,
Kirtland AFB, NM
J. J. MacDougall, NDEP,
Las Vegas, NV (2 electronic copies)
T. M. Zaferatos, NDEP, Las Vegas, NV
Northern Nevada Public Reading Facility,
Carson City, NV (1 electronic copy)
Southern Nevada Public Reading Facility,
Las Vegas, NV (2 electronic copies)
M. J. Krauss, N-I, Las Vegas, NV
N-I Central Files, MS NSF 156
Glenn Richardson, NSTec, Las Vegas, NV
T. A. Thiele, NSTec, Las Vegas, NV
NSTec Correspondence Control,
MS NLV008
NSTec STI Point of Contact, MS NLV051
(electronic copy to OSTI)
T. A. Lantow, ERP, NNSA/NSO,
Las Vegas, NV
Technical Library, NNSA/NSO,
Las Vegas, NV (electronic copy)

cc w/o encls.:
T. D. Taylor, N-I, Las Vegas, NV
K. J. Cabble, ERP, NNSA/NSO,
Las Vegas, NV
E. F. Di Sanza, WMP, NNSA/NSO,
Las Vegas, NV
FFACO Group, PSG, NNSA/NSO,
Las Vegas, NV
NNSA/NSO Read File
ENCLOSURE:
INSPECTION CHECKLISTS

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

Calendar Year 2010

May 2011
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 005, LANDFILLS – CAS 05-15-01, SANITARY LANDFILL**

**Inspection Date and Time:** 11/22/10 1:20 PM  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 12/17/09  
**Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** None  
**Title:**

## A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAU 90 dated 2/15/2008).
- All documentation must be legible and clear.

## B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?
   ✓

2. Have the previous inspection reports been reviewed?
   ✓

3. Were anomalies or trends detected on previous inspections?
   ✓

4. Were maintenance or repairs performed since last inspection?
   a. If yes, has site repair resulted in a change from as-built conditions?
      ✓
   b. If yes (to 4a), are revised as-built plans available that reflect repair changes?
      ✓
   c. N/A

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Other miscellaneous support equipment

## D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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.

1. Site markers:
   a. Have any posts been damaged or their anchoring weakened?
      ✓
      The anchoring of 1 set of T-posts appears to have been weakened by strong winds
   b. Are all use restriction signs legible?
      ✓
   c. Are any of the 11 use restriction signs damaged or missing?
      ✓
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 005, LANDFILLS – CAS 05-15-01, SANITARY LANDFILL**

<table>
<thead>
<tr>
<th>d. How many damaged or missing signs need to be replaced?</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>e. Are any use restriction signs down?</td>
<td>√</td>
</tr>
<tr>
<td>f. How many down signs need to be re-hung?</td>
<td>2</td>
</tr>
</tbody>
</table>

**Two signs are down that need to be rehung.**

2. Waste unit covers:
   - a. Is there evidence of settling? YES
   - b. Is there evidence of erosion (wind or water)? YES
   - c. Is there evidence of human intrusion onto the site? YES
   - d. Is there evidence of large animal intrusion onto the site? YES

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site? YES
     - If yes, how many photos were taken? 3
     - If yes, has a photographic log been prepared? YES

**E. FIELD CONCLUSIONS**

| 1. Are more frequent inspections required? | YES |
| 2. Are existing maintenance/repair actions satisfactory? | YES |
| 3. Are maintenance/repair actions necessary? | YES |

Two signs and one set of T-posts need maintenance/repair actions.

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

5. Field conclusions/recommendations: **Overall site conditions are good, but noticed two use signs down that need to be rehung and one set of T-posts that need repair or replacement. There is no evidence of erosion or settling on the landfill cover.**
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 005, LANDFILLS – CAS 05-15-01, SANITARY LANDFILL**

### F. CERTIFICATION

I have conducted an inspection of CAS 05-15-01, Sanitary Landfill, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

| Chief Inspector’s Signature: /s/: Glenn Richardson | Date: 11/22/10 |
| Printed Name: Glenn Richardson | Title: Task Manager |

**Required Attachments:**
- Field Notes (if any)
- Photos
  - (or note File Location: S:\NTSI\ER Share\Photos\CAU 005\2010\11-22-2010 CAU 005 CAS 05-15-01 Inspection)

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

| Signature: /s/: Reed Poderis | Date: 12/24/2010 |
| Printed Name: Thomas A. Thiele (or designee) |
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 005: LANDFILLS - CAS 05-16-01, LANDFILL**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/22/10 2:55 PM</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/17/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSITec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  **Title:** Task Manager

**Assistant Inspector:** None  **Title:**

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 05-16-01 dated 2/15/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>1. Has the Post-Closure Plan been reviewed?</strong></td>
</tr>
</tbody>
</table>

|     |    | **2. Have the previous inspection reports been reviewed?** |

|     |    | **3. Were anomalies or trends detected on previous inspections?** |

|     |    | **4. Was maintenance or repairs performed since last inspection?** |
|     |    | a. If so, has site repair resulted in a change from as-built conditions? |
|     |    | b. If yes (to 4a), are revised as-built plans available that reflect repair changes? |

**Remarks:** Signs that were noticed down were rehung back on T-posts.

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

## D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.

- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 005: LANDFILLS - CAS 05-16-01, LANDFILL**

### D. SITE INSPECTION (continued)

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers East of Berm:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td>☑️</td>
<td></td>
<td>One () sign was noticed down that needs to be rehung.</td>
</tr>
<tr>
<td>b. Are any of the use restriction signs damaged or missing?</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>c. Are all use restriction signs legible?</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>d. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>2. Waste unit cover East of Berm:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there evidence of settling?</td>
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<td>☑️</td>
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<tr>
<td>b. Is there evidence of erosion (wind or water)?</td>
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<td>☑️</td>
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<tr>
<td>c. Is there evidence of human intrusion into the cover?</td>
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<td>☑️</td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion into the cover?</td>
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<td>☑️</td>
</tr>
<tr>
<td>3. Site markers West of Berm:</td>
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<tr>
<td>a. Is there damage to the fence?</td>
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<td>☑️</td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
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<td>☑️</td>
</tr>
<tr>
<td>c. Are any of the use restriction signs damaged or missing?</td>
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<td>☑️</td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
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<td></td>
<td>☑️</td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
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<td></td>
<td>0</td>
</tr>
<tr>
<td>4. Waste unit cover West of Berm:</td>
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<td></td>
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<tr>
<td>a. Is there evidence of settling?</td>
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<td>☑️</td>
</tr>
<tr>
<td>b. Is there evidence of erosion (wind or water)?</td>
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<td>☑️</td>
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<tr>
<td>c. Is there evidence of human intrusion into the cover?</td>
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<td>☑️</td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion into the cover?</td>
<td></td>
<td></td>
<td>☑️</td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Photograph Documentation:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 005: LANDFILLS - CAS 05-16-01, LANDFILL**

5. Photograph Documentation (continued):
   - If yes, how many photos were taken?  
     - YES  NO  EXPLANATION
     - 3  
   - If yes, has a photographic log been prepared?
     - YES  NO
     - ✓  

E. FIELD CONCLUSIONS
   - YES  NO  EXPLANATION (required if shaded box is checked)
   - 1. Are more frequent inspections required?
     - ✓  
   - 2. Are existing maintenance/repair actions satisfactory?
     - ✓  
   - 3. Are maintenance/repair actions necessary?
     - YES  NO
     - ✓  
   - If "yes", describe in field conclusions/recommendations
   - 4. Is there an imminent hazard to the integrity of the landfill cover?
     - YES  NO
     - ✓  
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)
   - 5. Field conclusions/recommendations: **One sign that was noticed down will need to be rehung. All other site conditions are great for satisfying the use restriction requirements.**

### F. CERTIFICATION

I have conducted an inspection of CAS 05-16-01, Landfill, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 11/22/10

Printed Name: Glenn Richardson  
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photo\CAU 005\2010\11-22-2010 CAU 005 CAS 05-16-01 Inspection)

Distribution: Original – Industrial Sites Project Manager  
Copy – Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/29/2010

Printed Name: Thomas Thiele (or designee)

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 005: LANDFILLS - CAS 06-08-01, LANDFILL**

| Inspection Date and Time: | 11/9/16 12:00 | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | 11/9/09 | Reason for Last Post-Closure Inspection: | Annual |

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson

**Title:** Task Manager

**Assistant Inspector:** Dudley Fener

**Title:** Sr. Scientist

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 05-16-01 dated 2/15/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>
| 3. Were anomalies or trends detected on previous inspections? | ❌ | Dowd Squ Required
| 4. Were maintenance or repair of the landfill unit performed since the last inspection? | ❌ | NA
| a. If so, has site repair resulted in a change from as-built conditions? | | NA
| b. If yes (to 4a), are revised as-built plans available that reflect repair changes? | | NA |

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Keys to site gates
- Other miscellaneous support equipment

### D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 005: LANDFILLS - CAS 06-08-01, LANDFILL

<table>
<thead>
<tr>
<th>1. Site markers around fenced area:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there damage to the gates?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are the gate locks in place and functional?</td>
<td></td>
<td></td>
<td><strong>Note:</strong> lock is a &quot;594&quot; blk</td>
</tr>
<tr>
<td>c. Is there damage to the fence?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Waste unit cover in fenced area:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there evidence of settling?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Is there evidence of erosion (wind or water)?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Is there evidence of human intrusion into the cover?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion into the cover?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Site markers from south boundary of use restricted area to fence:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Waste unit cover from south boundary of use restricted area to fence:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there evidence of settling?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Is there evidence of erosion (wind or water)?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Waste unit cover from south boundary of use restricted area to Fence (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Is there evidence of human intrusion into the cover?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion into the cover?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 005: LANDFILLS - CAS 06-08-01, LANDFILL**

5. Photograph Documentation:  
   - a. Have photographs been taken of the site?  
     - [ ] YES  
     - [X] NO  
     - EXPLANATION
   - If yes, how many photos were taken?
   - If yes, has a photographic log been prepared?

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td>[ ]</td>
<td>[X]</td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td>[ ]</td>
<td>[X]</td>
<td></td>
</tr>
</tbody>
</table>
| 3. Are maintenance/repair actions necessary? | [ ] | [X] | If "yes", describe in field conclusions/recommendations
| 4. Is there an imminent hazard to the integrity of the landfill cover? | [ ] | [X] | If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

5. Field conclusions/recommendations:
   - Site is in good condition
   - Recommend changing the "59" gate lock with a standard "66"'d bonded lock

### F. CERTIFICATION

I have conducted an inspection of CAS 06-08-01, Landfill, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 11/9/10

Printed Name: Glenn Richardson  
Title: Task Manager

**Required Attachments:**  
- Field Notes (if any)  
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 005\2010\11-7-2010 CAU 005 CAS06-08-01 Inspection)

**Distribution:** Original – Industrial Sites Project Manager  
Copy – Task Manager

Page 3 of 4
G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/29/2010</th>
</tr>
</thead>
</table>

Printed Name: Thomas A. Thiele (or designee)  

Distribution: Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

CAU 005: LANDFILLS - CAS 06-15-02, SANITARY LANDFILL CAS 06-15-03, SANITARY LANDFILL, BURN PIT

Inspection Date and Time: 11/10/10 12:50
Date of Last Post-Closure Inspection: 12/16/09
Reason for Inspection: Annual
Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NStee Environmental Restoration, Nevada Test Site, Mercury, Nevada
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: Glenn Richardson
Assistant Inspector: Dudley Erno
Title: Task Manager
Title: Site Scientist

A. GENERAL INSTRUCTIONS
• Complete all checklist items.
• If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 06-15-02 dated 2/15/2008).
• All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since last inspection?
   a. If yes, has site repair resulted in a change from as-built conditions?
   b. If yes (to 4a), are revised as-built plans available that reflect repair changes?

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
   a. Radio, pager, etc.
   b. Camera, digital storage drive, and extra batteries
   c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
   d. Tape measure
   e. Other miscellaneous support equipment

D. SITE INSPECTION

• 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. The checklist should be completed during the site inspection.
• 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
### D. SITE INSPECTION (continued)

1. Site markers:
   - Have any posts been damaged or their anchoring weakened? [ ]
   - Are any of the use restriction signs damaged or missing? [ ]
   - Are all use restriction signs legible? [ ]
   - How many signs need to be replaced? [ ]

2. Waste unit covers:
   - Is there evidence of settling? [ ]
   - Is there evidence of erosion (wind or water)? [ ]
   - Is there evidence of human intrusion into the covers? [ ]
   - Is there evidence of large animal intrusion into the covers? [ ]

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - Have photographs been taken of the site? [ ]
   - If yes, how many photos were taken? [ ]
   - If yes, has a photographic log been prepared? [ ]

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required? [ ]
2. Are existing maintenance/repair actions satisfactory? [ ]
3. Are maintenance/repair actions necessary? [ ]
   - If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover? [ ]
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)
5. Field conclusions/recommendations:
   - [Notes]
   - [Notes]
   - [Notes]

---

**Page 2 of 3**
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 005: LANDFILLS**  
- CAS 06-15-02, SANITARY LANDFILL  
- CAS 06-15-03, SANITARY LANDFILL, BURN PIT

## F. CERTIFICATION

I have conducted an inspection of CAS 06-15-02, Sanitary Landfill, and CAS 06-15-03, Sanitary Landfill, Burn Pits, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

**Chief Inspector’s Signature:** /s/: Glenn Richardson  
**Date:** 11/9/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: \Photo\CAU005\2010\11-9-2010 CAU005 CAS 06-15-02)

**Distribution:** Original – Industrial Sites Project Manager  
Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

**Signature:** /s/: Reed Poderis  
**Date:** 12/19/2010

**Printed Name:** Thomas A. (designee)

**Distribution:** Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 005, LANDFILLS – CAS 12-15-01, SANITARY LANDFILL**

**Inspection Date and Time:** 10/11/10 09:20  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/9/09  
**Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** Dooley Emery  
**Title:** Sr. Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information and/or appropriate references to other documents that have the information.
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. If yes, has site repair resulted in a change from as-built conditions?</td>
<td></td>
<td>NA</td>
<td></td>
</tr>
<tr>
<td>b. If yes (to 4a), are revised as-built plans available that reflect repair changes?</td>
<td></td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Other miscellaneous support equipment

## D. SITE INSPECTION

* 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. The checklist should be completed during the site inspection.

* 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.

### 1. Site markers:

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there damage to any of the 3 gates?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are the gate locks in place and functional?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Is there damage to the fence?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many damaged or missing signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 1 of 3
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 005, LANDFILLS – CAS 12-15-01, SANITARY LANDFILL**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>h. Are any use restriction signs down?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>i. How many down signs need to be re-hung?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Waste unit cover:
   - a. Is there evidence of settling?
   - b. Is there evidence of erosion (wind or water)?
   - c. Is there evidence of human intrusion onto the site?
   - d. Is there evidence of large animal intrusion onto the site?

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site?
   - b. If yes, how many photos were taken?
   - c. If yes, has a photographic log been prepared?

**E. FIELD CONCLUSIONS**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Is there an imminent hazard to the integrity of the landfill cover?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Field conclusions/recommendations:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**F. CERTIFICATION**

I have conducted an inspection of CAS 12-15-01, Sanitary Landfill, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Printed Name: Glenn Richardson  
Date: 10/11/10  
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos
  (or note File Location: S:\NTS\ER Share\Photos\CAU 005\2010\10-11-2010 CAU 12-15-01 Inspection)
### G. VERIFICATION

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

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/29/2010</th>
</tr>
</thead>
</table>

Printed Name: Thomas A. Tilkie (or designee)
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 005: LANDFILLS - CAS 20-15-01, LANDFILL**

**Inspection Date and Time:** 10/18/10 13:08  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 12/3/09  
**Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSRTE; Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:**  
**Title:** Sr. Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADEd BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAU 05-16-01 dated 2/15/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th><strong>YES</strong></th>
<th><strong>NO</strong></th>
<th><strong>EXPLANATION (required if shaded box is checked)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. If yes, has site repair resulted in a change from as-built conditions?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. If yes (to 4a), are revised as-built plans available that reflect repair changes?</td>
<td>NA</td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

- Assemble the following, as needed, to conduct inspections:
  - a. Radio, pager, etc.
  - b. Camera, digital storage drive, and extra batteries
  - c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
  - d. Tape measure
  - e. Other miscellaneous support equipment

## D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 005: LANDFILLS - CAS 20-15-01, LANDFILL**

## D. SITE INSPECTION (continued)

1. Site markers:
   - a. Have any posts been damaged or their anchoring weakened? [ ] [ ] EXPLANATION (required if shaded box is checked)
   - b. Are any of the use restriction signs damaged or missing? [ ] [ ]
   - c. Are all use restriction signs legible? [ ]
   - d. How many signs need to be replaced? [ ]

2. Waste unit covers:
   - a. Is there evidence of settling? [ ] [ ]
   - b. Is there evidence of erosion (wind or water)? [ ] [ ]
   - c. Is there evidence of human intrusion into the cover? [ ] [ ]
   - d. Is there evidence of large animal intrusion into the cover? [ ] [ ]

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site? [ ] [ ]
     - If yes, how many photos were taken? [ ]
     - If yes, has a photographic log been prepared? [ ] [ ]

## E. FIELD CONCLUSIONS

1. Are more frequent inspections required? [ ]
2. Are existing maintenance/repair actions satisfactory? [ ]
3. Are maintenance/repair actions necessary? [ ]
   - If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover? [ ]
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)
5. Field conclusions/recommendations: *Site is in Excellent Condition. No issues noted.*
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 005: LANDFILLS - CAS 20-15-01, LANDFILL

### F. CERTIFICATION

I have conducted an inspection of CAS 20-15-01, Landfill, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 10/18/10

Printed Name: Glenn Richardson  
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU.005\2010\10-18-2010 CAUS CAS 20-15-01 Inspection)

Distribution: Original – Industrial Sites Project Manager  
Copy – Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/29/2010

Printed Name: Thomas A. Tiele (or designee)

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

CAU 005: LANDFILLS - CAS 23-15-03, DISPOSAL SITE

<table>
<thead>
<tr>
<th>Inspection Date and Time: 11/29/10</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection: 10/17/09</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project</th>
</tr>
</thead>
</table>

| Chief Inspector: Glenn Richardson | Title: Task Manager |
|-----------------------------------|

| Assistant Inspector: Dudley Evans | Title: Sr. Scientist |
|-----------------------------------|

**A. GENERAL INSTRUCTIONS**

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 05-16-01 dated 2/15/2008).
- All documentation must be legible and clear.

**B. PREPARATION (To be competed prior to site visit)**

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  |  
2. Have the previous inspection reports been reviewed?  |  
3. Were anomalies or trends detected on previous inspections?  |  
4. Were maintenance or repair of the landfill unit performed since the last inspection?  |
   a. If yes, has site repair resulted in a change from as-built conditions? |  
   b. If yes (to 4a), are revised as-built plans available that reflect repair changes? |  
   |

**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:

a. Radio, pager, etc.

b. Camera, digital storage drive, and extra batteries

c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans

d. Tape measure

e. Pre-arrange access to WSI training range and Area 23 Landfill and obtain keys to site gates, as needed

f. Other miscellaneous support equipment

**D. SITE INSPECTION**

- 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. The checklist should be completed during the site inspection.

- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 005: LANDFIllS - CAS 23-15-03, DISPOSAL SITE

1. **Site markers (Area 23 Landfill):**
   - Have any posts been damaged or their anchoring weakened? [YES] [NO] EXPLANATION (required if shaded box is checked)
   - Are any of the use restriction signs damaged or missing? [YES] [NO]
   - Are all use restriction signs legible? [YES] [NO]
   - How many signs need to be replaced? [ ]

2. **Waste unit cover (Area 23 Landfill):**
   - Is there evidence of settling? [YES] [NO]
   - Is there evidence of erosion (wind or water)? [YES] [NO]
   - Is there evidence of human intrusion into the cover? [YES] [NO]
   - Is there evidence of large animal intrusion into the cover? [YES] [NO]

3. **Site markers (WSI Training Facility):**
   - Have any posts been damaged or their anchoring weakened? [YES] [NO]
   - Are any of the use restriction signs damaged or missing? [YES] [NO]
   - Are all use restriction signs legible? [YES] [NO]
   - How many signs need to be replaced? [ ]

4. **Waste unit cover (WSI Training Facility):**
   - Is there evidence of settling? [YES] [NO]
   - Is there evidence of erosion (wind or water)? [YES] [NO]
   - Is there evidence of human intrusion into the cover? [YES] [NO]
   - Is there evidence of large animal intrusion into the cover? [YES] [NO]

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

5. **Photograph Documentation:**
   - Have photographs been taken of the site? [YES] [NO]
   - If yes, how many photos were taken? [ ]
   - If yes, has a photographic log been prepared? [YES] [NO]
POST-CLOSURE INSPECTION CHECKLIST

CAU 005: LANDFILLS - CAS 23-15-03, DISPOSAL SITE

E. FIELD CONCLUSIONS

1. Are more frequent inspections required?
   YES □ NO □ EXPLANATION (required if shaded box is checked)

2. Are existing maintenance/repair actions satisfactory?
   YES □ NO □ EXPLANATION (required if shaded box is checked)

3. Are maintenance/repair actions necessary?
   YES □ NO □ EXPLANATION (required if shaded box is checked)

4. Is there an imminent hazard to the integrity of the landfill cover?
   YES □ NO □ EXPLANATION (required if shaded box is checked)

5. Field conclusions/recommendations:
   Two signs are down - I need
   Remaking the other is
   Missing and needs replacement.

F. CERTIFICATION

I have conducted an inspection of CAS 23-15-03, Disposal Site, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson

Date: 11/29/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 005\2010\11-29-2010 CAU 5 CAS 23 15-03 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 005: LANDFILLS - CAS 23-15-03, DISPOSAL SITE

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Date: 11/29/2010

Printed Name: Thomas A. Tihole (or designee)

Distribution: Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 107: LOW IMPACT SOIL SITES - CAS 03-23-29, TRUCHAS-CHAMISAL CONTAMINATION AREA**

**Inspection Date and Time:** 11/11/20 14:03  
**Reason for Inspection:** 1st Annual

**Date of Last Post-Closure Inspection:** 10/30/09  
**Reason for Last Post-Closure Inspection:** BMP

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** Dudley Etter  
**Title:** Sr. Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

## B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
<td>N/A BMP</td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspection?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION
Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

## D. SITE INSPECTION
- **The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether Inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised.**
  
  The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td></td>
<td></td>
<td>T-post broken / metal / base, leaning</td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td>Bent / T-post</td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 107: LOW IMPACT SOIL SITES - CAS 03-23-29, TRUCHAS-CHAMISAL CONTAMINATION AREA**

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are any of the use restriction signs damaged or missing?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>e. How many use restriction signs need to be replaced?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>f. Are any of the URMA signs damaged or missing?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>g. Are all URMA signs legible?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>h. How many URMA signs need to be replaced?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Use-restricted area:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>3. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

| 1. Are more frequent inspections required? | YES | NO | EXPLANATION (required if shaded box is checked) |
| 2. Are existing maintenance/repair actions satisfactory? | YES | NO | |
| 3. Are maintenance/repair actions necessary? | YES | NO | |
| If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist) | |

<table>
<thead>
<tr>
<th>4. Field conclusions/recommendations:</th>
<th>Reset T-posts, tension fencing</th>
</tr>
</thead>
</table>

**Page 3/5**
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 107: LOW IMPACT SOIL SITES - CAS 03-23-29, TRUCHAS-CHAMISAL CONTAMINATION AREA**

### F. CERTIFICATION

I have conducted an inspection of CAS 03-23-29, Truchas-Chamisal Contamination Area, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

**Chief Inspector's Signature:** /s/: Glenn Richardson  
**Date:** 11/11/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 107\2010\11-1-2010 CAS 107 CAS 03-23-29 Inspection)

**Distribution:** Original – Industrial Sites Project Manager  
Copy – Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

**Signature:** /s/: Reed Poderis  
**Date:** 11/19/2010

**Printed Name:** Thomas A. Thiele (or designee)

**Distribution:** Original – Task Manager
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 107: LOW IMPACT SOIL SITES - CAS 18-23-02, U-18D CRATER (SULKY)**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/18/10 10:40 Am</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/30/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>BMP</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NS Tec Environmental Restoration, Nevada Test Site, Mercury, Nevada.

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

**Chief Inspector:** Gillion Richardson

**Assistant Inspector:** Donald Enever

**Title:**

---

### A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADEd BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

---

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

---

### D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 107: LOW IMPACT SOIL SITES - CAS 18-23-02, U-18D CRATER (SULKY)**

1. Site markers (continued):
   - c. Are any of the use restriction signs damaged or missing? [ ]
   - d. Are all use restriction signs legible? [ ]
   - e. How many use restriction signs need to be replaced? [ ]
   - f. Are any of the URMA signs damaged or missing? [ ]
   - g. Are all URMA signs legible? [ ]
   - h. How many URMA signs need to be replaced? [ ]

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site? [ ]

---

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site? [ ]
     - If yes, how many photos were taken? [ ]
     - If yes, has a photographic log been prepared? [ ]

---

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required? [ ]
2. Are existing maintenance/repair actions satisfactory? [ ]
3. Are maintenance/repair actions necessary? [ ]
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)
4. Field conclusions/recommendations: 
   
---

_Site is in good condition. No issues noted._
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 107: LOW IMPACT SOIL SITES - CAS 18-23-02, U-18D CRATER (SULKY)**

#### F. CERTIFICATION

I have conducted an inspection of CAS 18-23-02, U-18d Crater (Sulky), in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

| Chief Inspector's Signature: /s/: Glenn Richardson | Date: 10/18/10 |
| Printed Name: Glenn Richardson | Title: Task Manager |

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER\Share\Photos\CAU 107\2010\10-18-2010 CAU 107 CAS 18-23-02 Inspection)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

#### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

| Signature: /s/: Reed Poderis | Date: 12/29/2010 |
| Printed Name: Thomas A. Thiele (or designee) |

**Distribution:**
- Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

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

**Inspection Date and Time:** 11/15/10 10:40 AM  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** Not Inspected due to D&D Activities  
**Reason for Last Post-Closure Inspection:** N/A

**Responsible Entity:** NSTee Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** Dudley Emer  
**Title:** Sr. Scientist

---

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information and/or appropriate references to other documents that have the information.
- All documentation must be legible and clear.

---

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✓</td>
<td></td>
<td>Previous inspection was not conducted due to demolition activities.</td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since the last inspection?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Other miscellaneous support equipment

---

### D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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.

#### 1. Site markers:

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are all use restriction signs legible?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are any of the 10 use restriction signs damaged or missing?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. How many damaged or missing signs need to be replaced?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Are any use restriction signs down?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. How many down signs need to be re-hung?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

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

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### 2. Photograph Documentation:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ ]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>![ ]</td>
<td>![ ]</td>
<td></td>
</tr>
<tr>
<td>![ ]</td>
<td>![ ]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>a. Have photographs been taken of the site?</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>If yes, how many photos were taken?</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>If yes, has a photographic log been prepared?</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ ]</td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

#### 1. Are more frequent inspections required?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ ]</td>
<td>![ ]</td>
</tr>
</tbody>
</table>

#### 2. Are existing maintenance/repair actions satisfactory?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ ]</td>
<td>![ ]</td>
</tr>
</tbody>
</table>

#### 3. Are maintenance/repair actions necessary?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ ]</td>
<td>![ ]</td>
</tr>
</tbody>
</table>

#### 4. Field Conclusions/Recommendations:

D&D activities are completed. New signage was installed to delineate the use restriction boundary.

### F. 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/: Glenn Richardson  
**Date:** 11/15/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

#### Required Attachments:
- Field Notes (if any)
- Photographs

(or note File Location: S:\NTS\ER Share: Photos CAU 113 2010\11-15-2010 CAU 113 CAS 25-41-01 Inspection)

### G. VERIFICATION:

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

**Signature** /s/: Reed Poderis  
**Date:** 12/29/2010

**Printed Name:** Thomas A. Thiele (or designee)
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 115: AREA 25 TEST CELL A FACILITY - CAS 25-41-04, TEST CELL A FACILITY**

- **Inspection Date and Time:** 11/15/10 13:25  
  - **Reason for Inspection:**
- **Date of Last Post-Closure Inspection:** 12/17/09  
  - **Reason for Last Post-Closure Inspection:**

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** [Name]  
**Title:** [Title]

**Assistant Inspector:** [Name]  
**Title:** [Title]

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAU 115 dated 3/28/2008).
- All documentation must be legible and clear.

## B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Were maintenance or repairs performed since last inspection?

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- ER66 key to Test Cell A facility
- Other miscellaneous support equipment

## D. SITE INSPECTION

- **The site inspection is a walking inspection of the fence perimeter (of the Test Cell A compound) and of the perimeter of the use-restricted (pad) area.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Site markers:
   - **a. Is there damage to the gate?**
   - **b. Is the gate lock in place and functional?**
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 115: AREA 25 TEST CELL A FACILITY - CAS 25-41-04, TEST CELL A FACILITY**

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers (continued):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Is there damage to the fence?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Are any of the four (4) use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many signs need to be replaced?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. Are any of the four (4) Underground Radiological Material signs (for pad) damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>i. Are all of the Underground Radiological Material signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>j. How many Underground Radiological Material signs need to be replaced?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Photograph Documentation:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If &quot;yes&quot;, describe below</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. Field conclusions/recommendations: **Site is in good condition**
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 115: AREA 25 TEST CELL A FACILITY - CAS 25-41-04, TEST CELL A FACILITY**

## F. CERTIFICATION

I have conducted an inspection of CAS 25-41-04, Test Cell A Facility, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector’s Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Glenn Richardson</td>
<td>11/15/10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Printed Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glenn Richardson</td>
<td>Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTSIER Share\Photos\CAU 115\2010\11-15-2010 CAU 115 CAS 25-41-04 Inspection)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Reed Poderis</td>
<td>12/21/2010</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Printed Name</th>
<th>Title (or designee)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas A. Hale</td>
<td></td>
</tr>
</tbody>
</table>

**Distribution:**
- Original – Task Manager
# 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 and Time:** 11/22/10 10:05 AM  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 12/15/09  
**Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercur, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** None  
**Title:**

## A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADeD BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAU 118 dated 2/15/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed? √
2. Have the previous inspection reports been reviewed? √
3. Were anomalies or trends detected on previous inspections? √
4. Were maintenance or repairs performed since last inspection? √

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs to verify that they are intact, undisturbed, and in good condition. The fence at this site should not be entered for the inspection - there is no accessible entry point. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Site markers:
   - a. Is there damage to the fence? √
      
      Notice: 1 strand of barb-wire down at the front entrance 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**

1. Site markers (continued):
   - b. Have any posts been damaged or their anchoring weakened?  
     - YES  
     - NO  
     - EXPLANATION (required if shaded box is checked)
   - c. Are any of the nine (9) use restriction signs damaged or missing?  
     - YES  
     - NO  
     - EXPLANATION (required if shaded box is checked)
   - d. Are all use restriction signs legible?  
     - YES  
     - NO  
     - EXPLANATION (required if shaded box is checked)
   - e. Do all signs have the required wording on the signs (check wording on all signs):  
   - f. How many signs need to be replaced?  
     - YES  
     - NO  
     - EXPLANATION (required if shaded box is checked)

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site?  
     - YES  
     - NO  
     - EXPLANATION (required if shaded box is checked)

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site?  
     - YES  
     - NO  
     - EXPLANATION (required if shaded box is checked)
   - If yes, how many photos were taken?  
     - 4
   - If yes, has a photographic log been prepared?  
     - YES  
     - NO  
     - EXPLANATION (required if shaded box is checked)

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required?  
   - YES  
   - NO  
   - EXPLANATION (required if shaded box is checked)
2. Are existing maintenance/repair actions satisfactory?  
   - YES  
   - NO  
   - EXPLANATION (required if shaded box is checked)
3. Are maintenance/repair actions necessary?  
   - YES  
   - NO  
   - EXPLANATION (required if shaded box is checked)
   - If “yes”, describe below

4. Field conclusions/recommendations: **All UR signage is intact, legible, and in excellent condition. There is no evidence of intrusion at the site. Noticed a barb-wire strand down in one section of fencing near the front entrance.**
POST-CLOSURE INSPECTION CHECKLIST

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

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations (continued):


F. CERTIFICATION

I have conducted an inspection of CAS 27-41-01, Super Kukla Reactor Building/High Bay and Mechanical Building, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector’s Signature: /s/: Glenn Richardson
Date: 11/22/10

Printed Name: Glenn Richardson
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photod\CAU 118\2010\11-22-10 CAU 118 CAS 27-41-01 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis
Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 14:18 Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/17/09 Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: Glenn Richardson Title: Task Manager
Assistant Inspector: Dudley Emer Title: Sr. Scientist

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, paper, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
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<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
</table>
| 1. Site markers:
  a. Have any posts been damaged or their anchoring weakened? | ✔ | |
  b. Are any of the four-use restriction signs damaged or missing? | ✔ | |
**POST-CLOSURE INSPECTION CHECKLIST**

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

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. How many signs need to be replaced?</td>
<td></td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Use-restricted area:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

**3. Photograph Documentation:**

<table>
<thead>
<tr>
<th>a. Have photographs been taken of the site?</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>If yes, how many photos were taken?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td>✓</td>
<td>If &quot;yes&quot;, describe below</td>
</tr>
</tbody>
</table>

| 4. Field conclusions/recommendations: | Overall site conditions are excellent. There are no follow-up actions required. |

Page 2 of 3
### POST-CLOSURE INSPECTION CHECKLIST

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

**F. CERTIFICATION**

I have conducted an inspection of CAS 25-01-07, Aboveground Storage Tank, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature</th>
<th>Glenn Richardson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>11/15/10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Printed Name</th>
<th>Glenn Richardson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER\Share\Photos\CAU127\2010\11-15-2010 CAU 127 CAS 25-01-07 Inspection)

**Distribution:**
Original – Industrial Sites Project Manager
Copy – Task Manager

**G. VERIFICATION**

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature</th>
<th>Reed Poderis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>12/29/2010</td>
</tr>
</tbody>
</table>

| Printed Name | Thomas A. Hingle (or designee) |

**Distribution:**
Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 127: AREAS 25 AND 26 STORAGE TANKS - CAS 25-02-02, UNDERGROUND STORAGE TANK**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/5/10 12:57 pm</th>
<th>Reason for Inspection:</th>
<th>Arrival</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/17/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Arrival</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Blow Richardson  
**Assistant Inspector:** Dudley Eumer

**Title:** Task Manager  
**Title:** Soil Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

## D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the four (4) use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 127: AREAS 25 AND 26 STORAGE TANKS - CAS 25-02-02, UNDERGROUND STORAGE TANK**

1. Site markers (continued):
   - c. Are all use restriction signs legible?  
     | YES | NO | EXPLANATION |
     |-----|----|-------------|
   - d. How many use restriction signs need to be replaced?  
     |     |     |             |
   - e. Are any of the four (4) URMA signs damaged or missing?  
     |     |     |             |
   - f. Are all URMA signs legible?  
     |     |     |             |
   - g. How many URMA signs need to be replaced?  
     |     |     |             |

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site?  
     | YES | NO | EXPLANATION |
     |-----|----|-------------|

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site?  
     | YES | NO | EXPLANATION |
     |-----|----|-------------|
   - If yes, how many photos were taken?  
     |     |     |             |
   - If yes, has a photographic log been prepared?  
     |     |     |             |

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required?  
<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
</table>
2. Are existing maintenance/repair actions satisfactory?  
   |     |     |             |
3. Are maintenance/repair actions necessary?  
   |     |     | If "yes", describe below |
4. Field conclusions/recommendations:  
   Site is in good condition.

---

Page 2 of 2
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 127: AREAS 25 AND 26 STORAGE TANKS - CAS 25-02-02, UNDERGROUND STORAGE TANK**

**F. CERTIFICATION**

I have conducted an inspection of CAS 25-02-02, Underground Storage Tank, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 11/15/10

Printed Name: Glenn Richardson  
Title: Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: \SANTS\ER Share\Photos\CAU 127\2010\11-15-2010 CAU 127 CAS 25-02-02 Inspection)

**Distribution:** Original – Industrial Sites Project Manager  
Copy – Task Manager

**G. VERIFICATION**

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/29/2010

Printed Name: Thomas A. Hulse (or designee)

**Distribution:** Original – Task Manager
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 137: WASTE DISPOSAL SITES - CAS 01-08-01, WASTE DISPOSAL SITE**

- **Inspection Date and Time:** 4/9/10 10:20 am  
  **Reason for Inspection:** Annual
- **Date of Last Post-Closure Inspection:** 12/16/09  
  **Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:**  
**Assistant Inspector:**

**Title:** Task Manager  
**Title:** Gr Scientist

### A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 01-08-01 dated 3/28/2008).
- All documentation must be legible and clear.

### B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✓</td>
<td>✓ Leading Signs Damaged</td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

### D. SITE INSPECTION

- **The site inspection to certify that the fence is in good condition and that signs are in place, intact, and readable.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Site markers:</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

Page 1 of 5
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 137: WASTE DISPOSAL SITES - CAS 01-08-01, WASTE DISPOSAL SITE**

1. Site markers (continued):
   - **c. Are any of the ten (10) use restriction signs damaged or missing?**
     - YES  
     - NO  
     - **EXPLANATION (required if shaded box is checked)**: **partially faded**
   - **d. Are all use restriction signs legible?**
     - YES  
     - NO  
     - **EXPLANATION**:  
   - **e. How many signs need to be replaced?**
     - YES  
     - NO  

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

2. Photograph Documentation:
   - **a. Have photographs been taken of the site?**
     - YES  
     - NO  
   - **If yes, how many photos were taken?**
     - YES  
     - NO  
   - **If yes, has a photographic log been prepared?**
     - YES  
     - NO  

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required?  
   - YES  
   - NO  

2. Are existing maintenance/repair actions satisfactory?  
   - YES  
   - NO  

3. Are maintenance/repair actions necessary?  
   - YES  
   - NO  
   - **If yes**, describe below

4. Field conclusions/recommendations:  
   - **Site is in good condition.**
   - **3 signs are partially faded but legible.**

---

Page 2 of 3
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 137: WASTE DISPOSAL SITES - CAS 01-08-01, WASTE DISPOSAL SITE**

## F. CERTIFICATION

I have conducted an inspection of CAS 01-08-01, Waste Disposal Site, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

**Chief Inspector’s Signature:** /s/: Glenn Richardson  
**Date:** 11/9/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

### Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU137\2010\11-9-2010 CAU 137 CAS 01-08-01 Inspection

### Distribution:
- Original – Industrial Sites Project Manager
- Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

**Signature:** /s/: Reed Poderis  
**Date:** 12/29/2010

**Printed Name:** Thomas A. Thiele (or designee)

### Distribution:
- Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 10/25/10 12:37

**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 12/10/09

**Reason for Last Post-Closure Inspection:** 12/10/09

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** R. Beard

**Title:** Site Manager

**Assistant Inspector:** S. Steen

**Title:** Site Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADEd BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 01-08-01 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

a. Radio, pager, etc.
b. Camera, digital storage drive, and extra batteries
c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
d. Tape measure
e. Other miscellaneous support equipment

## D. SITE INSPECTION

* The site inspection to certify that the fence is in good condition and that signs are in place, intact, and readable. The checklist should be completed during the site inspection.

* 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:
   a. Is there damage to the fence? YES NO EXPLANATION (required if shaded box is checked)
   b. Have any posts been damaged or their anchoring weakened?

### POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are any of the six (6) use restriction signs damaged or missing?</td>
<td>✔️</td>
<td></td>
<td>3 Faded Warning Signs</td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td></td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>2. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td>3 1 Faded Sign</td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required? | ✔️ |
2. Are existing maintenance/repair actions satisfactory? | ✔️ |
3. Are maintenance/repair actions necessary? | ✔️ |
   If "yes", describe below
4. Field conclusions/recommendations:
   - 3 Signs are faded and need to be replaced.
   - Site fencing is in good condition otherwise.
POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 07-23-02, Radioactive Waste Disposal Site, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature: /s/: Glenn Richardson</th>
<th>Date: 10/25/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Glenn Richardson</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 137 2010\10-25-2010 CAS 137 CAS 07-23-02 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 2/29/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A. Th (or designee)</td>
<td></td>
</tr>
</tbody>
</table>

Distribution: Original – Task Manager
### POST-CLOSURE INSPECTION CHECKLIST

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

| Inspection Date and Time | 10/11/10 10:20 | Reason for Inspection:  
| Date of Last Post-Closure Inspection | 12/16/09 | Reason for Last Post-Closure Inspection:  

#### Responsible Entity:
NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Title: Lead Inspector  
**Assistant Inspector:** Title: Sr. Scientist

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 01-08-01 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed? ✓
2. Have the previous inspection reports been reviewed? ☐
3. Were anomalies or trends detected on previous inspections? ☑
4. Were maintenance or repairs performed since last inspection? ☐

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection to certify that the fence is in good condition and that signs are in place, intact, and readable. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Site markers:
   a. Is there damage to the fence? ☑
   b. Have any posts been damaged or their anchoring weakened? ☑
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 137: WASTE DISPOSAL SITES - CAS 12-08-01, WASTE DISPOSAL SITE
### CAS 12-23-07, WASTE DISPOSAL SITE

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are any of the eight (8) use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td></td>
<td>8</td>
<td>Faded (partially) completed</td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>2. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td>5</td>
<td>Faded Signs</td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E. FIELD CONCLUSIONS</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
<td>If &quot;yes&quot;, describe below</td>
</tr>
<tr>
<td>4. Field conclusions/recommendations:</td>
<td></td>
<td></td>
<td>Site is in good condition; no changes needed</td>
</tr>
</tbody>
</table>

Page 2 of 5
POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 12-08-01, Waste Disposal Site, and CAS 12-23-07, Waste Disposal Site, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector’s Signature: /s/: Glenn Richardson Date: 10/11/10
Printed Name: Glenn Richardson Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos

(or note File Location: S:\NTS\ER Share\Photos\CAU 137\2010\10-11-2010 CAU 137 CAS 12-08-01 12-23-07 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis Date: 12/19/2010
Printed Name: Thomas A. Thielk (or designee)

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/9/10 13:10</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/16/09</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Site Manager

**Assistant Inspector:** Dudley Emer  
**Title:** Geo Scientist

---

### A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADeD BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

### B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Was maintenance or repair of the landfill unit performed since the last inspection?  
   a. If yes, has site repair resulted in a change from as-built conditions?  
   b. If yes (to 4a), are revised as-built plans available that reflect repair changes?

### C. SITE INSPECTION PREPARATION

- Assemble the following, as needed, to conduct inspections:
  a. Radio, pager, etc.
  b. Camera, digital storage drive, and extra batteries
  c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
  d. Tape measure
  e. Other miscellaneous support equipment

### D. SITE INSPECTION

- **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.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
## POST-CLOSURE INSPECTION CHECKLIST

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

### D. SITE INSPECTION (continued)

1. Site markers:  
   - a. Have any monuments been damaged?  
     - NO  
     - EXPLANATION (required if shaded box is checked)
   - b. Are any of the use restriction signs damaged or missing?  
     - NO  
   - c. Are all use restriction signs legible?  
     - NO  
   - d. How many signs need to be replaced?  

2. Waste unit cover:  
   - a. Is there evidence of settling?  
     - NO  
   - b. Is there evidence of erosion (wind or water)?  
     - NO  
   - c. Is there evidence of human intrusion into the cover?  
     - NO  
   - d. Is there evidence of large animal intrusion into the cover?  

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required?  
   - NO  
2. Are existing maintenance/repair actions satisfactory?  
   - NO  
3. Are maintenance/repair actions necessary?  
   - NO  
   - If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover?  
   - NO  
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

### Field conclusions/recommendations:  

- Site is in Excellent Condition  
- No issues noted  

---

*Page 312*
POST-CLOSURE INSPECTION CHECKLIST

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

5. Field conclusions/recommendations (continued):


F. CERTIFICATION

I have conducted an inspection of CAS 06-19-03, Waste Disposal Trenches, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 11/9/10  
Title: Task Manager

Printed Name: Glenn Richardson

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S\NTS\ER Share\Photos\CAU 139\2010\11-9-2010 CAU 139 (CAS 06-19-03 Inspection)

Distribution: Original – Industrial Sites Project Manager  
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/9/20

Printed Name: Thomas A. (or designee)

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

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

| Inspection Date and Time: | 10/25/10 11:20 AM | Reason for Inspection: |
| Date of Last Post-Closure Inspection: | 12/07/09 | Reason for Last Post-Closure Inspection: |

**Responsible Entity:** NS Tec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Assistant Inspector:** Dudley Ervin

**Title:** Task Manager  
**Title:** Geo Scientist

---

A. **GENERAL INSTRUCTIONS**
- Complete all checklist items.
- If a SHADeD BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-09 dated 3/28/2008).
- All documentation must be legible and clear.

---

**B. PREPARATION (To be competed prior to site visit)**

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Were maintenance or repairs performed since last inspection?

---

C. **SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

---

D. **SITE INSPECTION**

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised.*
- The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>Site markers:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there damage to the fence?</td>
<td>✔</td>
<td>✗</td>
<td>Loss of damaged section on 1/25/10</td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td>✔</td>
<td>✗</td>
<td></td>
</tr>
</tbody>
</table>

---
## POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):
   - c. Are any of the use restriction signs damaged or missing? [ ] YES [ ] NO
   - d. Are all use restriction signs legible? [ ]
   - e. How many use restriction signs need to be replaced? [ ]
   - f. Are any of the URMA signs damaged or missing? [ ]
   - g. Are all URMA signs legible? [ ]
   - h. How many URMA signs need to be replaced? [ ]

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site? [ ]

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site? [ ] YES [ ] NO
     - If yes, how many photos were taken? [ ]
     - If yes, has a photographic log been prepared? [ ]

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required? [ ]

2. Are existing maintenance/repair actions satisfactory? [ ]

3. Are maintenance/repair actions necessary? [ ]
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations:
   - [Handwritten notes]

---

*Page 1/5*
## POST-CLOSURE INSPECTION CHECKLIST

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

#### F. CERTIFICATION

I have conducted an inspection of CAS 09-23-01, Area 9 Gravel Gertie, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph boxes.

<table>
<thead>
<tr>
<th>Chief Inspector’s Signature:</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Glenn Richardson</td>
</tr>
</tbody>
</table>

Date: **10/25/10**

<table>
<thead>
<tr>
<th>Printed Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glenn Richardson</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 139\2010\10-25-2010 CAU 139 CAS 09-23-01 Inspection)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

#### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature:</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Reed Poderis</td>
</tr>
</tbody>
</table>

Date: **12/29/2010**

<table>
<thead>
<tr>
<th>Printed Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas A. Thidy (or designee)</td>
</tr>
</tbody>
</table>

**Distribution:**
- Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/22/10 1:00 PM</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/17/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
<tr>
<td>Responsible Entity:</td>
<td>NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible Facility Owner:</td>
<td>Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chief Inspector:</td>
<td>Glenn Richardson</td>
<td>Title:</td>
<td>Task Manager</td>
</tr>
<tr>
<td>Assistant Inspector:</td>
<td>None</td>
<td>Title:</td>
<td></td>
</tr>
</tbody>
</table>

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 01-08-01 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Were maintenance or repairs performed since last inspection?  
   - **One sign was rehung.**

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

## D. SITE INSPECTION

- **The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the entire use restricted area and all features specifically described in this checklist.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td></td>
<td>One (1) wire rope strand of fencing is down.</td>
</tr>
<tr>
<td>✓</td>
<td></td>
<td>One (1) HR sign is loose and needs to be tightened.</td>
</tr>
</tbody>
</table>
POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):
   a. Are all use restriction signs legible?  YES  NO  EXPLANATION
   b. How many use restriction signs need to be replaced?  0
   c. Have any posts been damaged or their anchoring weakened?  YES
   d. Are any of the URMA signs damaged or missing?  YES
   e. Are all URMA signs legible?  YES
   f. How many URMA signs need to be replaced?  0

2. Use restricted area:
   a. Is there evidence of human intrusion onto the site?  YES

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   a. Have photographs been taken of the site?  YES
   b. If yes, how many photos were taken?  5
   c. If yes, has a photographic log been prepared?  YES

E. FIELD CONCLUSIONS

1. Are more frequent inspections required?  YES
2. Are existing maintenance/repair actions satisfactory?  YES
3. Are maintenance/repair actions necessary?  YES
   If “yes”, describe below and the Task Manager must complete the “Follow-up Actions” (not part of checklist)

4. Field conclusions/recommendations: The UR signage and radiological postings are intact and in excellent condition. Noticed one (1) sign loose that needs to be tightened and one (1) wire rope strand of fencing down that needs repair.
**POST-CLOSURE INSPECTION CHECKLIST**

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

**F. CERTIFICATION**

I have conducted an inspection of CAS 05-23-01, Gravel Gertie, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector’s Signature: /s/: Glenn Richardson  
Date: 11/22/10

Printed Name: Glenn Richardson  
Title: Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 140\2010\11-22-2010 CAS 140 CAS 05-23-01 Inspection)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

**G. VERIFICATION**

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/29/2010

Printed Name: Thomas A. Thistle (or designee)

**Distribution:**
- Original – Task Manager
## POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 11/22/10 3:55 PM  
**Date of Last Post-Closure Inspection:** 12/15/09  
**Reason for Inspection:** Annual  
**Reason for Last Post-Closure Inspection:** Annual  

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project  

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager  

**Assistant Inspector:** None  
**Title:**  

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.  
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 01-08-01 dated 3/28/2008).  
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✔️</td>
<td></td>
<td>Sign maintenance and replacement.</td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

### D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers (TPH Area):</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td>✔️</td>
<td></td>
<td>Noticed one (1) T-post down that needs to be restored.</td>
</tr>
<tr>
<td>b. Are any of the use restriction signs damaged or missing?</td>
<td>✔️</td>
<td></td>
<td>One sign was noticed down w/ T-post.</td>
</tr>
</tbody>
</table>
# POST-CLOSURE INSPECTION CHECKLIST

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

## 1. Site markers (TPH Area), continued:
   - **c. Are all use restriction signs legible?**
     - **YES**
   - **d. How many signs need to be replaced?**
     - **0**

## 2. Use-restricted area (TPH Area):
   - **a. Is there evidence of human intrusion onto the site?**
     - **YES**

## 3. Site markers (Landfill Area):
   - **a. Are any of the use restriction signs damaged or missing?**
     - **YES**
   - **b. Are all use restriction signs legible?**
     - **YES**
   - **c. How many signs need to be replaced?**
     - **0**

## 4. Use-restricted area (Landfill Area):
   - **a. Is there evidence of human intrusion onto the site?**
     - **YES**

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

## 5. Photograph Documentation:
   - **a. Have photographs been taken of the sites?**
     - **YES**
   - If yes, how many photos were taken?
     - **3**
   - If yes, has a photographic log been prepared?
     - **YES**

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required?
   - **YES**

2. Are existing maintenance/repair actions satisfactory?
   - **YES**

3. Are maintenance/repair actions necessary?
   - **YES**
     - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations:
   - One sign and 7-post were noticed down and will need maintenance/repairs.

---

2 of 3
# POST-CLOSURE INSPECTION CHECKLIST

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

## F. CERTIFICATION

I have conducted an inspection of CAS 23-17-01, Hazardous Waste Storage Area, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature: /s/: Glenn Richardson</th>
<th>Date: 11/22/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Glenn Richardson</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share: Photos CAU 140\ 11-22-2010 CAU 140 CAS 23-17-01 Inspection)

**Distribution:**  
Original – Industrial Sites Project Manager  
Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/29/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A/Thiele (or designee)</td>
<td></td>
</tr>
</tbody>
</table>

**Distribution:**  
Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

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

| Inspection Date and Time: | 11/18/10 14:05 | Reason for Inspection: **Annual** |
| Date of Last Post-Closure Inspection: | 12/16/09 | Reason for Last Post-Closure Inspection: **Annual** |

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

**Chief Inspector:**  
**Title:** 

**Assistant Inspector:**  
**Title:**

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADDED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 01-08-01 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection consists of traversing the E-MAD perimeter fencing and the E-MAD Trench area and visually inspecting the fence, posts, signs, and the entire use restricted area and all features specifically described in this checklist. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are any of the seventeen (17) &quot;Caution: Underground Radioactive Material&quot; signs damaged or missing?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are all signs legible?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Use-restricted area:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>3. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

<table>
<thead>
<tr>
<th>1. Are more frequent inspections required?</th>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td>☑</td>
<td></td>
<td>If &quot;yes&quot;, describe below</td>
</tr>
<tr>
<td>4. Field conclusions/recommendations:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

_Site is in good condition._
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 143: AREA 25 CONTAMINATED WASTE DUMPS**

**CAS 25-23-03, CONTAMINATED WASTE DUMP #2**

### F. CERTIFICATION

I have conducted an inspection of CAS 25-23-03, Contaminated Waste Dump #2, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Glenn Richardson</td>
<td>11/15/10</td>
</tr>
</tbody>
</table>

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

### Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 143\2010\11-15-2010 CAU 143 CAS 25-23-03 Inspection)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Reed Poderis</td>
<td>12/29/2010</td>
</tr>
</tbody>
</table>

**Printed Name:** Thomas A. Tiffle (or designee)

**Distribution:** Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

## CAU 143: AREA 25 CONTAMINATED WASTE DUMPS

**CAS 25-23-09, CONTAMINATED WASTE DUMP #1**

### Inspection Date and Time: 11/15/2010 11:00 AM

**Reason for Inspection:** Annual

### Date of Last Post-Closure Inspection: 12/16/07

**Reason for Last Post-Closure Inspection:** Annual

### Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:**

**Assistant Inspector:**

### A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADeD BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 01-08-01 dated 3/28/2008).
- All documentation must be legible and clear.

### B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. ER66 key to access East Trestle area and burner
- f. Other miscellaneous support equipment

### D. SITE INSPECTION

- The R-MAD perimeter fencing is to be walked by the inspector, and a detailed inspection of fencing and postings within the R-MAD East Trestle area, around the West Trench area, and the interior and exterior of the R-MAD CWD must be performed. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narratives, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. **Site markers:**

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# POST-CLOSURE INSPECTION CHECKLIST

## CAU 143: AREA 25 CONTAMINATED WASTE DUMPS

### CAS 25-23-09, CONTAMINATED WASTE DUMP #1

1. **Site markers (continued):**
   - b. Have any posts been damaged or their anchoring weakened?
   - c. Are any of the nineteen (19) use restriction signs damaged or missing?  
     - [ ]
   - d. Are all use restriction signs legible?
   - e. How many use restriction signs need to be replaced?
   - f. Are any of the nineteen (19) “Caution- Radioactive Material” (RMA) signs damaged or missing?
   - g. Are all RMA signs legible?
   - h. How many RMA signs need to be replaced?
   - i. Are any of the forty-one (41) “Caution-Underground Radioactive Material” (URMA) signs damaged or missing?
   - j. Are all URMA signs legible?
   - k. How many URMA signs need to be replaced?

2. **Use-restricted area:**
   - a. Is there evidence of human intrusion onto the site?

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. **Photograph Documentation:**
   - a. Have photographs been taken of the site?
   - [ ]
   - If yes, how many photos were taken?
   - [ ]
   - If yes, has a photographic log been prepared?
   - [ ]

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required?
   - [ ]
2. Are existing maintenance/repair actions satisfactory?
   - [ ]
3. Are maintenance/repair actions necessary?
   - [ ]
   - If “yes”, describe below:
   - (Signature)
POST-CLOSURE INSPECTION CHECKLIST

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

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations:
   - Site of Sumps are in good Condition.
   - Sign needs to be Replaced.

F. CERTIFICATION

I have conducted an inspection of CAS 25-23-09, Contaminated Waste Dump #1, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  Date: 11/15/10
Printed Name: Glenn Richardson  Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 143\2010\11_15_2010\CAU 143 CAS 25-23-09 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  Date: 12/24/2010
Printed Name: Thomas A. Hiele (or designee)

Distribution: Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 145: WELLS AND STORAGE HOLES - CAS 03-25-01, OIL SPILLS**

| Inspection Date and Time: 1/1/10 10:15 AM | Reason for Inspection: |  |
| Date of Last Post-Closure Inspection: 12/7/09 | Reason for Last Post-Closure Inspection: | |

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** Dudley Eber  
**Title:** Sr. Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
</table>

1. Has the Post-Closure Plan been reviewed? [ ]
2. Have the previous inspection reports been reviewed? [ ]
3. Were anomalies or trends detected on previous inspections? [ ]
4. Were maintenance or repairs performed since last inspection? [ ]

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection consists of traversing the perimeter of the use-restricted area and visually inspecting the posts, signs, and the entire use-restricted area. Industrial Hygiene should be contacted prior to any entry into the use-restricted area because of surface lead contamination. However, entry into the UR is not required as part of the inspection. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
</table>

1. Site markers: [ ]
   a. Have any posts been damaged or their anchoring weakened? [ ]
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 145: WELLS AND STORAGE HOLES - CAS 03-25-01, OIL SPILLS**

1. Site markers (continued):
   - b. Are any of the six (6) use restriction signs damaged or missing? [ ]
   - c. Are all use restriction signs legible? [ ]
   - d. How many signs need to be replaced? [ ]

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site? [ ]

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site? [ ]
     - If yes, how many photos were taken? [ ]
     - If yes, has a photographic log been prepared? [ ]

### FIELD CONCLUSIONS

1. Are more frequent inspections required? [ ]
2. Are existing maintenance/repair actions satisfactory? [ ]
3. Are maintenance/repair actions necessary? [ ]
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations: 
   - Signature: [ ]
   - Date: [ ]
   - Condition: [ ]
   - Issues: [ ]

---

*Note: The table and instructions are provided for completeness, but the specific details or results may need to be filled in by the inspector.*
# POST-CLOSURE INSPECTION CHECKLIST

CAU 145: WELLS AND STORAGE HOLES - CAS 03-25-01, OIL SPILLS

## F. CERTIFICATION

I have conducted an inspection of CAS 03-25-01, Oil Spills, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector’s Signature: /s/: Glenn Richardson</th>
<th>Date: 8/1/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Glenn Richardson</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: \S\NTS\IER Share\Photos\CAU 145 2010 \ CAU 145 CAS 03-25-01 8/01/2010 Inspection

**Distribution:** Original – Industrial Sites Project Manager
Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/29/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A. Thiele (or designee)</td>
<td></td>
</tr>
</tbody>
</table>

**Distribution:** Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

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

| Inspection Date and Time: 10/11/10 09:50 | Reason for Inspection: |
| Date of Last Post-Closure Inspection: 11/9/09 | Reason for Last Post-Closure Inspection: |

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: Glenn Richardson
Title: Task Manager

Assistant Inspector: Dudley Emer
Title: Sr. Scientist

**A. GENERAL INSTRUCTIONS**
- Complete all checklist items.
- If a SHARED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

**B. PREPARATION** (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?
2. Have the previous inspection reports been reviewed?
3. Were anomalies or trends detected on previous inspections?
4. Were maintenance or repairs performed since last inspection?

**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

**D. SITE INSPECTION**

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Site markers:
   - Have any posts been damaged or their anchoring weakened?
## POST-CLOSURE INSPECTION CHECKLIST

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

### 1. Site markers (continued):
   - c. Are any of the six (6) use restriction signs damaged or missing?  
     - **YES**  
     - **NO**
       - **EXPLANATION** (required if shaded box is checked)
   - d. Are all use restriction signs legible?  
     - **NO**
   - c. How many signs need to be replaced?  
     - **YES**  
     - **NO**
       - **EXPLANATION** (required if shaded box is checked)

### 2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site?  
     - **NO**

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### 3. Photograph Documentation:
   - a. Have photographs been taken of the site?  
     - **YES**
   - If yes, how many photos were taken?  
     - **2**
   - If yes, has a photographic log been prepared?  
     - **NO**

### E. FIELD CONCLUSIONS
   - **YES**  
   - **NO**
     - **EXPLANATION** (required if shaded box is checked)

### 1. Are more frequent inspections required?  
   - **NO**

### 2. Are existing maintenance/repair actions satisfactory?  
   - **YES**

### 3. Are maintenance/repair actions necessary?  
   - **YES**
     - **EXPLANATION** (required if shaded box is checked)
     - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

### 4. Field conclusions/recommendations:

---

Page 2 of 3
**POST-CLOSURE INSPECTION CHECKLIST**

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

### F. CERTIFICATION

I have conducted an inspection of CAS 12-03-01, Sewage Lagoons (6), in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature: /s/: Glenn Richardson</th>
<th>Date: 10/11/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Glenn Richardson</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\PHOTOS\CAU 151\2010\10-11-2010 CAS 151 (CAS 12-03-01) Inspection

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/24/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas Athie (or designee)</td>
<td></td>
</tr>
</tbody>
</table>

**Distribution:**
- Original – Task Manager
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 and Time: 1/15/10 14:57
Reason for Inspection: Approved

Date of Last Post-Closure Inspection: 1/16/09
Reason for Last Post-Closure Inspection: Approved

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: Glen Richardson
Title: Task Manager

Assistant Inspector: Oweley Erter
Title: So Scientist

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

CAU 165: AREA 25 AND 26 DRY WELL AND WASHDOWN AREAS  
CAS 25-20-01, LAB DRAIN DRY WELL

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Are all use restriction signs legible?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. How many signs need to be replaced?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Use-restricted area:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>3. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

| 1. Are more frequent inspections required? | YES |    |
| 2. Are existing maintenance/repair actions satisfactory? | YES |    |
| 3. Are maintenance/repair actions necessary? | YES |    |

If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations: **Site is in good condition**

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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

F. CERTIFICATION

I have conducted an inspection of CAS 25-20-01, Lab Drain Dry Well, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson

Printed Name: Glenn Richardson

Date: 11/15/10

Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 165\2010\11-15-2010 CAU 165 CAS 25-20-01 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Printed Name: Thomas A. Thiele (or designee)

Date: 12/29/2010

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE**
**CAS 25-16-03, MX CONSTRUCTION LANDFILL**

**Inspection Date and Time:** 11/29/10  
**Reason for Inspection:**  

**Date of Last Post-Closure Inspection:** 12/16/09  
**Reason for Last Post-Closure Inspection:**  

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** Dudley Emer  
**Title:** Sr. Scientist

**A. GENERAL INSTRUCTIONS**
- Complete all checklist items.
- If a SHADeD BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

**B. PREPARATION (To be competed prior to site visit)**

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Were maintenance or repairs performed since last inspection?  
   a. If yes, has site repair resulted in a change from as-built conditions?  
   b. If yes, are revised as-built plans available that reflect repair changes?

**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

**D. SITE INSPECTION**

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE**  
**CAS 25-16-03, MX CONSTRUCTION LANDFILL**

## D. SITE INSPECTION

1. Site markers:  
   - a. Is there damage to the fence?  
   - b. Have any posts been damaged or their anchoring weakened?  
   - c. Are any of the 10 use restriction signs damaged or missing?  
   - d. Are all use restriction signs legible?  
   - e. How many signs need to be replaced?  

2. Use-restricted area:  
   - a. Is there evidence of human intrusion onto the site?

**Photograph Instructions:**  
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.  
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.  
- Other photographs are optional.  
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:  
   - a. Have photographs been taken of the site?  
   - If yes, how many photos were taken?  
   - If yes, has a photographic log been prepared?

## E. FIELD CONCLUSIONS

1. Are more frequent inspections required?  
2. Are existing maintenance/repair actions satisfactory?  
3. Are maintenance/repair actions necessary?  
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)  
4. Field conclusions/recommendations:  
   - "Site is in Excellent Condition"
POST-CLOSURE INSPECTION CHECKLIST

CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE
CAS 25-16-03, MX CONSTRUCTION LANDFILL

F. CERTIFICATION

I have conducted an inspection of CAS 25-16-03, MX Construction Landfill, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson

Printed Name: Glenn Richardson

Date: 11/29/10

Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 168\2010\11-29-2010 CAS 25-16-03

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Printed Name: Thomas (or designee)

Date: 12/29/2010

Distribution: Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST
CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE
CAS 25-02-02, RADIOACTIVE STORAGE RR CARS

| Inspection Date and Time: 11/18/10 14:30 | Reason for Inspection: Annual |
| Date of Last Post-Closure Inspection: 12/16/09 | Reason for Last Post-Closure Inspection: Annual |

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: [Name] Richardson
Title: [Title]

Assistant Inspector: [Name] Emmer
Title: [Title]

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. Has the Post-Closure Plan been reviewed? |
2. Have the previous inspection reports been reviewed?
3. Were anomalies or trends detected on previous inspections?
4. Were maintenance or repairs performed since last inspection?
   Repair done due to signs

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
a. Radio, pager, etc.
b. Camera, digital storage drive, and extra batteries
c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
d. Tape measure
e. Other miscellaneous support equipment

D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the use restricted area to verify that the use restriction has been maintained (the fence has not been breached for entry). The checklist should be completed during the site inspection.
- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
### POST-CLOSURE INSPECTION CHECKLIST

CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE
CAS 25-23-02, RADIOACTIVE STORAGE RR CARS

#### D. SITE INSPECTION (continued)

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are any of the six (6) use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td><strong>18 Signs</strong></td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Use-restricted area:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

#### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
<td><strong>If &quot;yes&quot;, describe below and the Task Manager must complete the &quot;Follow-up Actions&quot; (not part of checklist)</strong></td>
</tr>
<tr>
<td>4. Field conclusions/recommendations:</td>
<td><strong>Site is in good condition</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE  
CAS 25-23-02, RADIOACTIVE STORAGE RR CARS

### F. CERTIFICATION

I have conducted an inspection of CAS 25-23-02, Radioactive Storage RR Cars, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature: /s/: Glenn Richardson</th>
<th>Date: 11/15/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Glenn Richardson</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 168 11-15-2010 CAU 168 CAS 25-23-02 Inspection)

**Distribution:**  
Original – Industrial Sites Project Manager  
Copy – Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 1/24/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A. Vehicle (or designee)</td>
<td></td>
</tr>
</tbody>
</table>

**Distribution:**  
Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE
CAS 25-99-16, USW G3

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/29/10</th>
<th>Reason for Inspection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/30/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
</tbody>
</table>

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: [Signature] Title: Task Manager
Assistant Inspector: [Signature] Title: Scientist

A. GENERAL INSTRUCTIONS
   - Complete all checklist items.
   - If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
   - All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>A</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
   a. Minimum 24-hour advance notice (1-week notice preferred by YMP) to Ranch Control prior to access for Plan of Day Entry
   b. Radio, pager, etc.
   c. Camera, digital storage drive, and extra batteries
   d. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
   e. Tape measure
   f. Other miscellaneous support equipment

D. SITE INSPECTION

   • Check-in required at YMP Support Center (YMP Sample Management Facility in Area 25)
   • 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. The checklist should be completed during the site inspection.
   • 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

D. SITE INSPECTION (continued)

| I. Site markers: | YES | NO | EXPLANATION (required if shaded box is checked) |
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE**
**CAS 25-99-16, USW G3**

<table>
<thead>
<tr>
<th>a. Have any posts been damaged or their anchoring weakened?</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. **Use-restricted area:**
   - a. Is there evidence of human intrusion onto the site?

<table>
<thead>
<tr>
<th>Photograph Instructions:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.</td>
</tr>
<tr>
<td>• Anomalous features or new features (such as changes in adjacent area land use) should be photographed.</td>
</tr>
<tr>
<td>• Other photographs are optional.</td>
</tr>
<tr>
<td>• A photograph log entry will be made for each photograph taken.</td>
</tr>
</tbody>
</table>

3. **Photograph Documentation:**
   - a. Have photographs been taken of the site?
     - If yes, how many photos were taken?
     - If yes, has a photographic log been prepared?

<table>
<thead>
<tr>
<th>E. FIELD CONCLUSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
</tr>
<tr>
<td>1. Are more frequent inspections required?</td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
</tr>
<tr>
<td>If “yes”, describe below and the Task Manager must complete the &quot;Follow-up Actions&quot; (not part of checklist)</td>
</tr>
</tbody>
</table>

4. **Field conclusions/recommendations:**

   □ No issues noted.

F. **CERTIFICATION**

I have conducted an inspection of CAS 25-99-16, USW G3, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE**  
**CAS 25-99-16, USW G3**

<table>
<thead>
<tr>
<th>Chief Inspector's Signature: /s/: Glenn Richardson</th>
<th>Date: 11/29/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Glenn Richardson</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 168\2010\11-29-2010 CAU 168 CAS 25-99-16)

**Distribution:** Original – Industrial Sites Project Manager  
Copy – Task Manager

---

**G. VERIFICATION**

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 11/29/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A. Thiele (or designee)</td>
<td></td>
</tr>
</tbody>
</table>

**Distribution:** Original – Task Manager
## POST-CLOSURE INSPECTION CHECKLIST

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

| Inspection Date and Time: | 11/9/10 10:30 AM | Reason for Inspection: |
| Date of Last Post-Closure Inspection: | 2/16/09 | Reason for Last Post-Closure Inspection: |

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson

**Title:** Task Manager

**Assistant Inspector:** Deeley Emr

**Title:** So. Scientist

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

### B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since last inspection?

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

### D. SITE INSPECTION

- **The site inspection is to visually inspect posts and signs and to verify that the use restriction has been maintained (i.e., no entry into the bunker).** The checklist should be completed during the site inspection.
- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

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<tr>
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<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Site markers:
   - a. Have any posts been damaged or their anchoring weakened?
## POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers (continued):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Use-restricted area:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is the bunker door intact and secured to prevent entry?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Is the lock on the bunker door in place and functional?</td>
<td></td>
<td></td>
<td><strong>NO lock has been fitted to the door. The door is secured by large bolted down Preventing today.</strong></td>
</tr>
<tr>
<td>c. Is there evidence of human intrusion onto the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Photograph Documentation:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
<td>If &quot;yes&quot;, describe below and the Task Manager must complete the &quot;Follow-up Actions&quot; (not part of checklist)</td>
</tr>
</tbody>
</table>

4. Field conclusions/recommendations:  

The door is secured by large bolted down preventing today.
# POST-CLOSURE INSPECTION CHECKLIST

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

## F. CERTIFICATION

I have conducted an inspection of CAS 01-34-01, Underground Inst. House Bunker, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature: /s/: Glenn Richardson</th>
<th>Date: 11/9/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name:</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

### Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTSIER Share\Photos\CAU 204\2010\11-9-2010 CAU 204 CAS 01-34-01 Inspection)

### Distribution:
- Original – Industrial Sites Project Manager
- Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/29/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A. Thiele (or designee)</td>
<td></td>
</tr>
</tbody>
</table>

### Distribution:
- Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 204: STORAGE BUNKERS - CAS 02-34-01, INSTRUMENT BUNKER**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/25/10 12:05</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/07/07</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Donald Richardson  
Title: Task Manager

**Assistant Inspector:** David Emer  
Title: Site Scientist

**A. GENERAL INSTRUCTIONS**
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

**D. SITE INSPECTION**
- The site inspection is to visually inspect posts and signs and to verify that the use restriction has been maintained (i.e., no entry into the bunker). The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
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<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the use restriction signs damaged or missing?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 204: STORAGE BUNKERS - CAS 02-34-01, INSTRUMENT BUNKER**

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>d. How many signs need to be replaced?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Use-restricted area:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is the bunker door intact and secured to prevent entry?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>b. Is the lock on the bunker door in place and functional?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>c. Is there evidence of human intrusion onto the site?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>3. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>[ ]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th>1. Are more frequent inspections required?</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td>[ ]</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td>[ ]</td>
<td>[ ]</td>
<td>If &quot;yes&quot;, describe below and the Task Manager must complete the &quot;Follow-up Actions&quot; (not part of checklist)</td>
</tr>
</tbody>
</table>

4. Field conclusions/recommendations: **Site is in good condition**

---

*Page 2-1*
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 204: STORAGE BUNKERS - CAS 02-34-01, INSTRUMENT BUNKER**

## F. CERTIFICATION

I have conducted an inspection of CAS 02-34-01, Instrument Bunker, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector’s Signature: /s/: Glenn Richardson

Date: 10/25/10

Printed Name: Glenn Richardson

Title: Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:ANTSHER Share\Photos\CAU 204 10-25-2010 CAU 204 02-34-01 Inspection)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Date: 12/19/2010

Printed Name: [Thomas A. Triple (or designee)]

**Distribution:**
- Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 204: STORAGE BUNKERS - CAS 03-34-01, UNDERGROUND BUNKER**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/14/09 11:30 AM</th>
<th>Reason for Inspection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/7/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glori Richardson  
**Title:** Task Manager

**Assistant Inspector:**  
**Title:**  

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
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<td></td>
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<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
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<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
</tr>
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<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is to visually inspect posts and signs and to verify that the use restriction has been maintained (i.e., no entry into the bunker). The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and numbered all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
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<td>1. Site markers:</td>
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</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

![Signature: pg 1 of 3]
POST-CLOSURE INSPECTION CHECKLIST

CAU 204: STORAGE BUNKERS - CAS 03-34-01, UNDERGROUND BUNKER

1. Site markers (continued):
   a. Are all use restriction signs legible? YES NO EXPLANATION (required if shaded box is checked)
   b. How many signs need to be replaced?

2. Use-restricted area:
   a. Is the bunker door intact and secured to prevent entry? YES NO EXPLANATION (required if shaded box is checked)
   b. Is the lock on the bunker door in place and functional?
   c. Is there evidence of human intrusion onto the site?

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   a. Have photographs been taken of the site? YES NO EXPLANATION
      - If yes, how many photos were taken?
      - If yes, has a photographic log been prepared?

E. FIELD CONCLUSIONS

1. Are more frequent inspections required? YES NO EXPLANATION (required if shaded box is checked)

2. Are existing maintenance/repair actions satisfactory? YES NO EXPLANATION

3. Are maintenance/repair actions necessary? YES NO EXPLANATION
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations:
   - Tumble weed need to be removed
   - No need to remove tumble weed. As the door can be secured, there is no reason to believe the door is not secured.
   - RSP 12/29/2010

signature
POST-CLOSURE INSPECTION CHECKLIST

CAU 204: STORAGE BUNKERS - CAS 03-34-01, UNDERGROUND BUNKER

F. CERTIFICATION

I have conducted an inspection of CAS 03-34-01, Underground Bunker, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson
Printed Name: Glenn Richardson
Date: 11/1/10
Title: Task Manager

Required Attachments:
* Field Notes (if any)
* Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 204 10-2010\CAU 204 CAS 03-34-01 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis
Printed Name: Thomas Thiele (or designee)
Date: 1/29/2010

Distribution: Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 204: STORAGE BUNKERS - CAS 05-18-02, CHEMICAL EXPLOSIVES STORAGE**

| Inspection Date and Time: | 11/22/10 2:15 PM | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | 12/17/09 | Reason for Last Post-Closure Inspection: | Annual |

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** None  
**Title:**

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
  - If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
  - All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?
2. Have the previous inspection reports been reviewed?
3. Were anomalies or trends detected on previous inspections?
4. Were maintenance or repairs performed since last inspection?

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised. The checklist should be completed during the site inspection.

- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Site markers:
   - a. Is there damage to the fence?
   - b. Have any posts been damaged or their anchoring weakened?
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 204: STORAGE BUNKERS - CAS 05-18-02, CHEMICAL EXPLOSIVES STORAGE**

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers (continued):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Are any of the thirteen (13) use restriction signs damaged or missing?</td>
<td>√</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Are all use restriction signs legible?</td>
<td>√</td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. How many use restriction signs need to be replaced?</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>f. Are any of the RMA signs damaged or missing?</td>
<td>√</td>
<td></td>
</tr>
<tr>
<td></td>
<td>g. Are all RMA signs legible?</td>
<td>√</td>
<td></td>
</tr>
<tr>
<td></td>
<td>h. How many RMA signs need to be replaced?</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>2. Use-restricted area:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td>√</td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. Photograph Documentation:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. Have photographs been taken of the site?</td>
<td>√</td>
<td></td>
</tr>
<tr>
<td></td>
<td>If yes, how many photos were taken?</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>If yes, has a photographic log been prepared?</td>
<td>√</td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td>√</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
<td>If &quot;yes&quot;, describe below and the Task Manager must complete the &quot;Follow-up Actions&quot; (not part of checklist)</td>
</tr>
</tbody>
</table>

### Field conclusions/recommendations:
All UR signage and wire rope fencing are in excellent condition. Also, the RMA signs remain intact with no physical damage.
POST-CLOSURE INSPECTION CHECKLIST

CAU 204: STORAGE BUNKERS - CAS 05-18-02, CHEMICAL EXPLOSIVES STORAGE

F. CERTIFICATION

I have conducted an inspection of CAS 05-18-02, Chemical Explosives Storage, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector’s Signature: /s/: Glenn Richardson

Date: 11/22/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: SANTSIER Share)

Photos CAU 204 11-22-2010 CAU 204 CAS 05-18-02 Inspection

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas H. Thiele (or designee)

Distribution: Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/22/10 1:50 PM</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/17/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** None  
**Title:**  

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

### B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th><strong>YES</strong></th>
<th><strong>NO</strong></th>
<th><strong>EXPLANATION (required if shaded box is checked)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✔</td>
<td>One sign was down and re-hung.</td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

a. Radio, pager, etc.
b. Camera, digital storage drive, and extra batteries
c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
d. Tape measure
e. Other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th><strong>YES</strong></th>
<th><strong>NO</strong></th>
<th><strong>EXPLANATION (required if shaded box is checked)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td>✔</td>
</tr>
</tbody>
</table>
### POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):
   - c. Are any of the eleven (11) use restriction signs damaged or missing? **YES**
   - d. Are all use restriction signs legible? **YES**
   - e. How many use restriction signs need to be replaced? **0**
   - f. Are any of the RMA signs damaged or missing? **YES**
   - g. Are all RMA signs legible? **YES**
   - h. How many RMA signs need to be replaced? **0**

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site? **YES**

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site? **YES**
     - If yes, how many photos were taken? **3**
     - If yes, has a photographic log been prepared? **YES**

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required? **YES**
2. Are existing maintenance/repair actions satisfactory? **YES**
3. Are maintenance/repair actions necessary? **YES**
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations: **There are no corrective actions associated with this site. Overall site conditions are excellent.**
### POST-CLOSURE INSPECTION CHECKLIST

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

#### F. CERTIFICATION

I have conducted an inspection of CAS 05-33-01, Kay Blockhouse, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

| Chief Inspector's Signature: /s/: Glenn Richardson | Date: 11/22/10 |
| Printed Name: Glenn Richardson | Title: Task Manager |

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTSER Share\Photos\CAU 204\2010\11-22-2010 CAU 204 CAS 05-33-01 Inspection)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

#### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

| Signature: /s/: Reed Poderis | Date: 12/29/2010 |
| Printed Name: Thomas A'Veille (or designee) |

**Distribution:**
- Original – Task Manager
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 254: AREA 25 R-MAD DECONTAMINATION FACILITY**
**CAS 25-23-06, DECONTAMINATION FACILITY**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/15/10 13:55</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>10/17/09</td>
</tr>
</tbody>
</table>

**Reason for Inspection: Annual**

**Reason for Last Post-Closure Inspection: Annual**

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** C. James Richardson

**Assistant Inspector:** Dudley Elmer

**Title:** Task Manager, Site Scientist

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Were maintenance or repairs performed since last inspection?

### C. SITE INSPECTION PREPARATION

**Assemble the following, as needed, to conduct inspections:**
- a. Radios, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

### D. SITE INSPECTION

- *The site inspection is to verify that posted URMA signs are in place, intact, and readable. The checklist should be completed during the site inspection.*
- *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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.*

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**1. Site markers:**

a. Have any posts been damaged or their anchoring weakened?  
b. Are any of the "Underground Radioactive Material" signs damaged or missing?
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 254: AREA 25 R-MAD DECONTAMINATION FACILITY**  
**CAS 25-23-06, DECONTAMINATION FACILITY**

1. Site markers (continued):
   - Are all "Underground Radioactive Material" signs legible? [ ] YES [ ] NO  
   - How many signs need to be replaced? [ ]

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - Have photographs been taken of the site? [ ] YES [ ] NO
   - If yes, how many photos were taken? [ ]
   - If yes, has a photographic log been prepared? [ ]

### F. FIELD CONCLUSIONS

1. Are more frequent inspections required? [ ]
2. Are existing maintenance/repair actions satisfactory? [ ]
3. Are maintenance/repair actions necessary? [ ] If "yes", describe below:

4. Field conclusions/recommendations: Site is in good condition.

### F. CERTIFICATION

I have conducted an inspection of CAU 25-23-06, Decommissioning Facility, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/ Glenn Richardson  
Date: 11/15/10

Printed Name: Glenn Richardson  
Title: Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 254\2010\11-15-2010 CAU 254 CAS 25-23-06 Inspection)

**Distribution:** Original – Industrial Sites Project Manager
Copy – Task Manager
G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Date:

Printed Name: Thomas A. Thistle (or designee)

Distribution: Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/18/10 15:16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/17/07</td>
</tr>
</tbody>
</table>

**Reason for Inspection:** annual

**Reason for Last Post-Closure Inspection:** annual

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** [Signature]  
**Title:** Task Manager

**Assistant Inspector:** [Signature]  
**Title:** Site Scientist

### A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a shaded box is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

### D. SITE INSPECTION

* 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. The checklist should be completed during the site inspection.

* 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers: a. Is there damage to the fence?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Use-restricted area:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**  
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.  
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.  
- Other photographs are optional.  
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>3. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

| 1. Are more frequent inspections required? | YES | NO | EXPLANATION (required if shaded box is checked) |
| 2. Are existing maintenance/repair actions satisfactory? | | | |
| 3. Are maintenance/repair actions necessary? | | | If "yes", describe below |

4. Field conclusions/recommendations:  

```
Site is in good condition
No issues noted.
```
# POST-CLOSURE INSPECTION CHECKLIST

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

## F. CERTIFICATION

I have conducted an inspection of CAS 25-05-01, Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

**Chief Inspector's Signature:** /s/: Glenn Richardson  
**Date:** 11/15/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

### Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 261 2010\11-15-2010 CAU 261 CAS 25-05-01)

### Distribution:
- Original – Industrial Sites Project Manager  
- Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

**Signature:** /s/: Reed Poderis  
**Date:** 12/24/2010

**Printed Name:** Thomas A. Pele (or designee)

### Distribution:
- Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/15/10 14:13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reason for Inspection:</td>
<td>/ / / / / / /</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of Last Post-Closure Inspection:</th>
<th>12/16/09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reason for Last Post-Closure Inspection:</td>
<td>/ / / / /</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** [Signature]

**Title:** Task Manager

**Assistant Inspector:** [Signature]

**Title:** Sr. Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✔️</td>
<td>Sign Maintenance</td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>✔️</td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

## D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td>❌</td>
<td></td>
</tr>
<tr>
<td>b. Is either of the two (2) use restriction signs damaged or missing?</td>
<td>❌</td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

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

1. Site markers (continued):
   - YES NO EXPLANATION (required if shaded box is checked)
     - c. Are all use restriction signs legible? [Shaded]
     - d. How many signs need to be replaced? [Blank]

2. Use-restricted area:
   - YES NO EXPLANATION (required if shaded box is checked)
     - a. Is there evidence of human intrusion onto the site? [Shaded]

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - YES NO EXPLANATION
     - a. Have photographs been taken of the site? [Shaded]
       - If yes, how many photos were taken? [Blank]
       - If yes, has a photographic log been prepared? [Blank]

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required? [Shaded]
2. Are existing maintenance/repair actions satisfactory? [Blank]
3. Are maintenance/repair actions necessary? [Shaded]
   - If "yes", describe below

4. Field conclusions/recommendations: Replace 1 Feded Pooling Sign

---

Page 2 of 3
**POST-CLOSURE INSPECTION CHECKLIST**

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

**F. CERTIFICATION**

I have conducted an inspection of CAS 25-02-06, Underground Storage Tank, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature: /s/: Glenn Richardson</th>
<th>Date: 11/15/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Glenn Richardson</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 262\2010\11-15-2010 CAS 25-02-06 Inspection)

**Distribution:**  
Original – Industrial Sites Project Manager  
Copy – Task Manager

**G. VERIFICATION**

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/29/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A. Thiel (or designee)</td>
<td>_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _</td>
</tr>
</tbody>
</table>

**Distribution:**  
Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP
CAS 25-05-03, LEACHFIELD

Inspection Date and Time: 11/15/10 10:30 am
Reason for Inspection: 

Date of Last Post-Closure Inspection: 12/17/09
Reason for Last Post-Closure Inspection: 

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: Glenn Richardson
Title: Site Manager

Assistant Inspector: Dudley Emer
Title: St. Scientist

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>4. Was maintenance or repair of the landfill unit performed since the last inspection?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
  a. If yes, has site repair resulted in a change from as-built conditions? | NA | |
  b. If yes (to 4a), are revised as-built plans available that reflect repair changes? | NA | |

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
  a. Radio, pager, etc.
  b. Camera, digital storage drive, and extra batteries
  c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
  d. Tape measure
  e. Other miscellaneous support equipment

D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP**  
**CAS 25-05-03, LEACHFIELD**

### D. SITE INSPECTION (continued)

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Waste unit cover:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there evidence of settling?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Is there evidence of erosion (wind or water)?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Is there evidence of human intrusion into the cover?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion into the cover?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### 3. Photograph Documentation:

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
<td>If &quot;yes&quot;, describe in field conclusions/recommendations</td>
</tr>
<tr>
<td>4. Is there an imminent hazard to the integrity of the landfill cover?</td>
<td></td>
<td></td>
<td>If &quot;yes&quot;, describe below and the Task Manager must complete the &quot;Follow-up Actions&quot; (not part of checklist)</td>
</tr>
<tr>
<td>5. Field conclusions/recommendations:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Page 245**
# POST-CLOSURE INSPECTION CHECKLIST

## CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP

CAS 25-05-03, LEACHFIELD

5. Field conclusions/recommendations (continued):

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

## F. CERTIFICATION

I have conducted an inspection of CAS 25-05-03, Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector’s Signature: /s/: Glenn Richardson  
Date: 11/15/10  
Title: Task Manager

Printed Name: Glenn Richardson  
Date: 11/15/10  
Title: Task Manager

### Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Proto\CAU262\2010\11-15-2010 CAU262 CAS25-05-03 Inspection)

### Distribution:
- Original – Industrial Sites Project Manager
- Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/29/2010

Printed Name: [Thomas A. Thistle] (or designee)

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP**  
**CAS 25-05-08, RADIOACTIVE LEACHFIELD**

<table>
<thead>
<tr>
<th>Inspection Date and Time: 11/16/10 12:25 PM</th>
<th>Reason for Inspection: As Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection: 12/17/09</td>
<td>Reason for Last Post-Closure Inspection: As Needed</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

<table>
<thead>
<tr>
<th>Chief Inspector: Glenda Richardson</th>
<th>Title: Test Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Inspector: Dudley Emer</td>
<td>Title: Sr. Scientist</td>
</tr>
</tbody>
</table>

**A. GENERAL INSTRUCTIONS**
- Complete all checklist items.  
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).  
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>4. Was maintenance or repair of the landfill unit performed since the last inspection?</td>
<td>[ ]</td>
<td></td>
</tr>
<tr>
<td>a. If yes, has site repair resulted in a change from as-built conditions?</td>
<td>[NA]</td>
<td></td>
</tr>
<tr>
<td>b. If yes (to 4a), are revised as-built plans available that reflect repair changes?</td>
<td>[NA]</td>
<td></td>
</tr>
</tbody>
</table>

**C. SITE INSPECTION PREPARATION**

- Assemble the following, as needed, to conduct inspections:  
  - Radio, pager, etc.  
  - Camera, digital storage drive, and extra batteries  
  - Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans  
  - Tape measure  
  - Other miscellaneous support equipment

**D. SITE INSPECTION**

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the entire use restricted area and all features specifically described in this checklist (site is small enough to see entire use-restricted area from the perimeter fencing). The checklist should be completed during the site inspection.  
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
### D. SITE INSPECTION (continued)

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are any of the use restriction signs damaged or missing?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td>V</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>2. Waste unit cover:</td>
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<td></td>
</tr>
<tr>
<td>a. Is there evidence of settling?</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>b. Is there evidence of erosion (wind or water)?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Is there evidence of human intrusion into the cover?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion into the cover?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### 3. Photograph Documentation:

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Is there an imminent hazard to the integrity of the landfill cover?</td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Field conclusions/recommendations:</td>
<td>Site is in good condition</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Notes: Signage is attached to gate. Some signs are missing. Extra signs are on the ground at the gate.
POST-CLOSURE INSPECTION CHECKLIST

CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP
CAS 25-05-08, RADIOACTIVE LEACHFIELD

5. Field conclusions/recommendations (continued):

F. CERTIFICATION

I have conducted an inspection of CAS 25-05-08, Radioactive Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson
Printed Name: Glenn Richardson
Date: 11/15/10
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 262\2010\11-5-2010 CAU 262 CAS 25-05-08 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis
Printed Name: Thomas A. Thiele (or designee)
Date: 12/29/2010

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 309: AREA 12 MUCKPILES - CAS 12-06-09, MUCKPILE**
**CAS 12-08-02, CWD**
**CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS**

| Inspection Date and Time: | 10/11/09 19:08 | Reason for Inspection: |
| Date of Last Post-Closure Inspection: | 11/9/09 | Reason for Last Post-Closure Inspection: |

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Assistant Inspector:** Donley Emer  
**Title:** Task Manager  
**Title:** Sr. Scientist

---

**A. GENERAL INSTRUCTIONS**

- Complete all checklist items.
- If a SHADEd BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

---

**B. PREPARATION (To be competed prior to site visit)**

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since last inspection?

---

**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

---

**D. SITE INSPECTION**

- The site inspection is to certify that markers and postings are in place, intact, and readable. There may be special access restrictions to reach these sites. Verify the route to the sites in advance. The checklist should be completed during the site inspection.

- The site inspection is a walking inspection of the site including the perimeter of the CAs to inspect the surface and all features specifically described in this checklist without entering the CAs or travelling on the steep slope. The checklist should be completed during the site inspection.

- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 309: AREA 12 MUCKPILES - CAS 12-06-09, MUCKPILE**  
**CAS 12-08-02, CWD**  
**CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS**  

#### D. SITE INSPECTION (continued)

1. Site markers (CAS 12-06-09):
   - Have any posts been damaged or their anchoring weakened?  
   - Are any of the three (3) use restriction signs damaged or missing?  
   - Are all use restriction signs legible?  
   - Do all signs have the required wording on the signs (check wording on all signs):
     
     **WARNING**  
     Surface and Subsurface Contamination  
     FFCAC Site CAU 309/CAS 12-06-09  
     Area 12 Muckpiles  
     No activities that may alter or modify the containment control are permitted without U.S. Government permission.  
     Before working in this area,  
     Contact Real Estate Services at 295-2528
   - How many signs need to be replaced?

2. Site markers (CAS 12-08-02):
   - Have any posts been damaged or their anchoring weakened?  
   - Are either of the two (2) use restriction signs damaged or missing?  
   - Are both use restriction signs legible?  
   - Do all signs have the required wording on the signs (check wording on all signs):
     
     **WARNING**  
     Surface and Subsurface Contamination  
     FFCAC Site CAU 309/CAS 12-08-02  
     Area 12 Muckpiles  
     No activities that may alter or modify the containment control are permitted without U.S. Government permission.  
     Before working in this area,  
     Contact Real Estate Services at 295-2528
   - How many signs need to be replaced?

3. Site markers (CAS 12-28-01):
   - Have any posts been damaged or their anchoring weakened?  
   - Are any of the four (4) use restriction signs damaged or missing?  
   - Are all use restriction signs legible?
<table>
<thead>
<tr>
<th>POST-CLOSURE INSPECTION CHECKLIST</th>
</tr>
</thead>
</table>

**CAU 309: AREA 12 MUCKPILES - CAS 12-06-09, MUCKPILE**  
**CAS 12-08-02, CWD**  
**CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS**

3. Site markers (CAS 12-28-01) (continued):
   - **d.** Do all signs have the required wording on the signs (check wording on all signs):
     - **WARNING**
     - Surface and Subsurface Contamination  
     - FFACO Site CAU 309/CAS 12-28-01  
     - Area 12 Muckpiles  
     - No activities that may alter or modify the containment control are permitted without U.S. Government permission.  
     - Before working in this area,  
     - Contact Real Estate Services at 295-2528

   - **e.** How many signs need to be replaced?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

4. Photograph Documentation:
   - **a.** Have photographs been taken of the site?
     - If yes, how many photos were taken?
     - If yes, has a photographic log been prepared?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

E. FIELD CONCLUSIONS

1. Are more frequent inspections required?

2. Are existing maintenance/repair actions satisfactory?

3. Are maintenance/repair actions necessary?
   - If "yes", describe below

4. Field conclusions/recommendations:

   - Site signage is good shape
   - No issues noted
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 309: AREA 12 MUCKPILES - CAS 12-06-09, MUCKPILE**
**CAS 12-08-02, CWD**
**CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS**

### F. CERTIFICATION

I have conducted an inspection of CAS 12-06-09, Muckpile, CAS 12-08-02, CWD, and CAS 12-28-01, I, J, and K-Tunnel Debris, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Glenn Richardson</td>
<td>10/11/10</td>
</tr>
</tbody>
</table>

Printed Name: Glenn Richardson  
Title: Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 309\2010\10-11-2010 CAU 309 CAS 12-06-09 inspection)

**Distribution:** Original – Industrial Sites Project Manager
Copy – Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Reed Poderis</td>
<td>12/29/2010</td>
</tr>
</tbody>
</table>

Printed Name: Thomas A. Thibde (or designee)

**Distribution:** Original – Task Manager

---

Page 4 of 4
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 322: AREAS 1 & 3 RELEASE SITES AND INJECTION WELLS**

**CAS 03-20-05, INJECTION WELLS**

<table>
<thead>
<tr>
<th>Inspection Date and Time: 11/10/10</th>
<th>4:00 PM</th>
<th>Reason for Inspection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection: 10/7/09</td>
<td>8:00 AM</td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

<table>
<thead>
<tr>
<th>Chief Inspector:</th>
<th>Title:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glenn Richardson</td>
<td>Task Manager</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Assistant Inspector:</th>
<th>Title:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dudley Emerson</td>
<td>Sr. Scientist</td>
</tr>
</tbody>
</table>

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

### B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?
2. Have the previous inspection reports been reviewed?
3. Were anomalies or trends detected on previous inspections?
4. Were maintenance or repairs performed since last inspection?

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

### D. SITE INSPECTION

- **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.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>Some boards are loose.</td>
</tr>
</tbody>
</table>

1. Site markers:
   - a. Is there damage to the fence?
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 322: AREAS 1 & 3 RELEASE SITES AND INJECTION WELLS

**CAS 03-20-05, INJECTION WELLS**

1. Site markers (continued):
   
   **b.** Have any posts been damaged or their anchoring weakened?  
   - YES  
   - NO

   **c.** Are any of the use restriction signs damaged or missing?  
   - YES  
   - NO  
   - EXPLANATION (required if shaded box is checked)  
   - Signs down

   **d.** Are all use restriction signs legible?  
   - YES  
   - NO

   **e.** How many signs need to be replaced?  
   - YES  
   - NO  
   - EXPLANATION (required if shaded box is checked)  
   - 2

2. Use-restricted area:
   
   **a.** Is there evidence of human intrusion onto the site?  
   - YES  
   - NO

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

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

   If yes, how many photos were taken?  
   - YES  
   - NO

   If yes, has a photographic log been prepared?  
   - YES  
   - NO

### E. FIELD CONCLUSIONS

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

1. Are more frequent inspections required?  
   - YES  
   - NO

2. Are existing maintenance/repair actions satisfactory?  
   - YES  
   - NO

3. Are maintenance/repair actions necessary?  
   - YES  
   - NO  
   - EXPLANATION (required if shaded box is checked)  
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations:  
   - Rehang & Signs at higher fence or  
   - S.W. Corner
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 322: AREAS 1 & 3 RELEASE SITES AND INJECTION WELLS**

**CAS 03-20-05, INJECTION WELLS**

<table>
<thead>
<tr>
<th>F. CERTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>I have conducted an inspection of CAS 03-20-05, Injection Wells, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.</td>
</tr>
<tr>
<td>Chief Inspector’s Signature: /s/: Glenn Richardson</td>
</tr>
<tr>
<td>Date: 11/1/10</td>
</tr>
<tr>
<td>Printed Name: Glenn Richardson</td>
</tr>
<tr>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTSIER Share\Photos\CAU 322\2010\CAU 322 CAS 03-20-05 Inspection)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

<table>
<thead>
<tr>
<th>G. VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>I have reviewed this checklist and attachments and have verified that it is complete.</td>
</tr>
<tr>
<td>Signature: /s/: Reed Poderis</td>
</tr>
<tr>
<td>Date: 11/29/2010</td>
</tr>
<tr>
<td>Printed Name: Thomas A. Thiele (or designee)</td>
</tr>
</tbody>
</table>

**Distribution:**
- Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

CAU 357: MUD PITS AND WASTE DUMPS - CAS 04-26-03, LEAD BRICKS

Inspection Date and Time: 11/9/10 11:30
Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 10/10/09
Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: Glen Richardson
Title: Program Manager

Assistant Inspector: Dudley Emer
Title: Sci Scientist

A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since last inspection?

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

a. Radio, pager, etc.

b. Camera, digital storage drive, and extra batteries

c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans

d. Tape measure

e. Other miscellaneous support equipment

D. SITE INSPECTION

- The site inspection is to check that the postings are in place, intact, and readable. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Site markers:

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

b. Are any of the use restriction signs damaged or missing?
# POST-CLOSURE INSPECTION CHECKLIST

## CAU 357: MUD PITS AND WASTE DUMPS - CAS 04-26-03, LEAD BRICKS

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>2. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E. FIELD CONCLUSIONS</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
<td>If &quot;yes&quot;, describe below</td>
</tr>
<tr>
<td>4. Field conclusions/recommendations: Site is in good condition. No issues.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>F. CERTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>I have conducted an inspection of CAS 04-26-03, Lead Bricks, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.</td>
</tr>
<tr>
<td>Chief Inspector's Signature: /s/ Glenn Richardson</td>
</tr>
<tr>
<td>Date: 11/9/10</td>
</tr>
<tr>
<td>Printed Name: Glenn Richardson</td>
</tr>
<tr>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 357\04-26-03 Inspection)

**Distribution:** Original – Industrial Sites Project Manager
Copy – Task Manager

Page 2 of 3
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 357: MUD PITS AND WASTE DUMPS - CAS 04-26-03, LEAD BRICKS**

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/29/2010</th>
</tr>
</thead>
</table>

**Printed Name**: Thomas A. Hittle (or designee)

**Distribution**: Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

CAU 357: MUD PITS AND WASTE DUMPS - CAS 10-09-06, MUD PIT; STAINS; MATERIAL

Inspection Date and Time: 10/25/10 09:45 AM
Reason for Inspection: [Signature]
Date of Last Post-Closure Inspection: 12/1/09
Reason for Last Post-Closure Inspection: [Signature]

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: [Name] Title: [Title]
Assistant Inspector: [Name] Title: [Title]

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/08).
- All documentation must be legible and clear.

B. PREPARATION (To be competed prior to site visit) YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed? [ ]
2. Have the previous inspection reports been reviewed? [ ]
3. Were anomalies or trends detected on previous inspections? [ ]
4. Were maintenance or repairs performed since last inspection? [ ]

C. SITE INSPECTION PREPARATION
Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

D. SITE INSPECTION
- The site inspection is to check the condition of the fence and to verify that postings are in place, intact, and readable. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:
   a. Is there damage to the fence? [ ]
   b. Have any posts been damaged or their anchoring weakened? [ ]

Page 1 of 3
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 357: MUD PITS AND WASTE DUMPS - CAS 10-09-06, MUD PIT; STAINS; MATERIAL**

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers (continued):</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### 3. Photograph Documentation:

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td>✓</td>
<td>If &quot;yes&quot;, describe below</td>
</tr>
<tr>
<td>4. Field conclusions/recommendations:</td>
<td></td>
<td></td>
<td>Signage &amp; Sources are in excellent condition.</td>
</tr>
</tbody>
</table>

### F. CERTIFICATION

I have conducted an inspection of CAS 10-09-06, Mud Pit; Stains; Material, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

**Chief Inspector’s Signature:** /S/: Glenn Richardson  
**Date:** 10/25/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

### Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 357\2010\10-25-2010 CAU 357 CAS 10-09-06 Inspection)

**Distribution:**  
Original – Industrial Sites Project Manager  
Copy – Task Manager

Page 2 of 2
## POST-CLOSURE INSPECTION CHECKLIST

<table>
<thead>
<tr>
<th>CAU 357: MUD PITS AND WASTE DUMPS</th>
<th>CAS 10-09-06, MUD PIT; STAINS; MATERIAL</th>
</tr>
</thead>
</table>

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Date: 1/19/200

Printed Name: Thomas A. Thible (or designee)

Distribution: Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time: 11/15/10 11:26 AM</th>
<th>Reason for Inspection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection: 10/17/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
</tbody>
</table>

Responsible Entity: NSToe Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: Glenn Richardson
Title: Task Manager

Assistant Inspector: Dudley Emer
Title: So Scientist

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Are all of the monuments in good condition?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 357: MUD PITS AND WASTE DUMPS - CAS 25-15-01, WASTE DUMP**

### 1. Site markers (continued):
- **c. Are all use restriction signs legible?**
  - Yes [ ] No [ ]
- **d. How many signs need to be replaced?**
  - [ ]

### 2. Use-restricted area:
- **a. Is there evidence of settling or subsidence?**
  - Yes [ ] No [ ]
- **b. Is there evidence of human intrusion onto the site?**
  - [ ]

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### 3. Photograph Documentation:
- **a. Have photographs been taken of the site?**
  - Yes [ ] No [ ]
- If yes, how many photos were taken?
  - [ ]
- If yes, has a photographic log been prepared?
  - [ ]

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required? [ ]
2. Are existing maintenance/repair actions satisfactory? [ ]
3. Are maintenance/repair actions necessary? [ ]
   - If "yes", describe below
4. Field conclusions/recommendations: Signs and documents are in good condition.
POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 25-15-01, Waste Dump, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 357\11-15-2010\CAS 357 CAS 25-15-01 Inspection

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

/s/: Reed Poderis

Date: 12/29/10

Printed Name: Thomas Thiele (or designee)

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 370: T-4 ATMOSPHERIC TEST SITE - CAS 04-23-01, ATMOSPHERIC TEST SITE T-4**

**Inspection Date and Time:** 11/29/10 10:25 AM  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** N/A  
**Reason for Last Post-Closure Inspection:** None - (1st Inspection)

**Responsible Entity:** NSTee Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** C. Richardson  
**Title:** Task Manager

**Assistant Inspector:** D. Emer  
**Title:** Sr. Scientist

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-02-02 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✓</td>
<td>✓</td>
<td>N/A - 1st Annual Inspection</td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

a. Radio, pager, etc.
b. Camera, digital storage drive, and extra batteries
c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
d. Tape measure
e. Other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td>✓</td>
<td></td>
<td>The barb wire strand was down and needs repair.</td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 370: T-4 ATMOSPHERIC TEST SITE - CAS 04-23-01, ATMOSPHERIC TEST SITE T-4**

1. Site markers (continued):
   - c. Are any of the use restriction signs damaged or missing? **YES**
     - **EXPLANATION**: Two UR signs down that need to be replaced.
   - d. Are all use restriction signs legible? **YES**
   - e. How many use restriction signs need to be replaced? 0
   - f. Are any of the RMA signs damaged or missing? **YES**
   - g. Are all RMA signs legible? **YES**
   - h. How many RMA signs need to be replaced? 0

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site? **YES**

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site? **YES**
     - If yes, how many photos were taken? 5
     - If yes, has a photographic log been prepared? **YES**

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required? **YES**

2. Are existing maintenance/repair actions satisfactory? **N/A**

3. Are maintenance/repair actions necessary? **YES**
   - **EXPLANATION**: If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations: Two signs are down that need to be replaced. One barb-wire strand is down that needs repair. There is no evidence of intrusion at the site, but maintenance repairs are necessary.
**F. CERTIFICATION**

I have conducted an inspection of CAS 04-23-01, Atmospheric Test Site T-4, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Glenn Richardson</td>
<td>11/29/10</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: C:\NTS\ER Share\Photos\CAU 370\010\11-29-2010 CAU 370 CAS 04-26-03)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

---

**G. VERIFICATION**

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Reed Poderis</td>
<td>12/29/2010</td>
</tr>
</tbody>
</table>

**Printed Name:** Thomas Thiele (or designee)

**Distribution:**
- Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 11-23-05, PIN STRIPE CONTAMINATION AREA**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/1/10 3:10 PM</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>None</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>None - N/A</td>
</tr>
<tr>
<td>Responsible Entity:</td>
<td>NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible Facility Owner:</td>
<td>Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chief Inspector:</td>
<td>Glenn Richardson</td>
<td>Title:</td>
<td>Task Manager</td>
</tr>
<tr>
<td>Assistant Inspector:</td>
<td>Dudley Emer</td>
<td>Title:</td>
<td>Sr. Scientist</td>
</tr>
</tbody>
</table>

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information and/or appropriate references to other documents that have the information.
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed? **✓**
2. Have the previous inspection reports been reviewed? **N/A** "1st Annual Inspection"
3. Were anomalies or trends detected on previous inspections? **✓**
4. Were maintenance or repairs performed since the last inspection? **✓**

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Other miscellaneous support equipment

## D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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.

1. Site markers:
   - a. Have any posts been damaged or their anchoring weakened? **✓**
   - b. Are all use restriction signs legible? **✓**
   - c. Are any use restriction signs damaged or missing? **✓**
   - d. How many damaged or missing signs need to be replaced? **0**
   - e. Are any use restriction signs down? **✓**
   - f. How many down signs need to be re-hung? **0**

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site? **✓**

Page 1 of 2
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 11-23-05, PIN STRIPE CONTAMINATION AREA**

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>3. Photograph Documentation</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

**4. Field Conclusions/Recommendations:** The use-restriction signs and T-posts are in great condition. There is no evidence of intrusion at the site. There are no issues that warrant an immediate corrective action.

**F. 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/: Glenn Richardson  
Date: 11/1/10  
Printed Name: Glenn Richardson  
Title: Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photographs (or note file location: S:\NTS-ER Share:\Photo\CAU 371 11-23-05 Inspection)

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

Signature: /s/: Reed Poderis  
Date: 12/29/10  
Printed Name: Thomas A. Tingle (or designee)
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 18-45-01, U-18j-2 CRATER (JOHNNIE BOY)**

**Inspection Date and Time:** 10/18/10 11:50 AM  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** None - N/A  
**Reason for Last Post-Closure Inspection:** None - N/A

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

**Chief Inspector:** Glenn Richardson  
**Assistant Inspector:** Dudley Emer  
**Title:** Task Manager  
**Title:** Sr. Scientist

### A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information and/or appropriate references to other documents that have the information.
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Were maintenance or repairs performed since the last inspection?

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Other miscellaneous support equipment

### D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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.

#### 1. Site markers:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- a. Have any posts been damaged or their anchoring weakened?  
- b. Are all use restriction signs legible?  
- c. Are any use restriction signs damaged or missing?  
- d. How many damaged or missing signs need to be replaced?  
- e. Are any use restriction signs down?  
- f. How many down signs need to be re-hung?

#### 2. Use-restricted area:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- a. Is there evidence of human intrusion onto the site?
# POST-CLOSURE INSPECTION CHECKLIST

## CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 18-45-01, U-18j-2 CRATER (JOHNNIE BOY)

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the annual post-closure report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### 3. Photograph Documentation:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- a. Have photographs been taken of the site?
  - Yes

- If yes, how many photos were taken?
  - 2

- If yes, has a photographic log been prepared?
  - Yes

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Are more frequent inspections required?
   - Yes

2. Are existing maintenance/repair actions satisfactory?
   - Yes

3. Are maintenance/repair actions necessary?
   - Yes

4. Field Conclusions/Recommendations: The UR signs and T-posts are intact and in great condition. There are no issues or concerns at this site.

## F. 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/: Glenn Richardson

**Date:** 10/18/10

**Printed Name:** Glenn Richardson

**Title:** Task Manager

### Required Attachments:
- Field Notes (if any)
- Photographs
  - (or note File Location: S:\NTS\ER Share: Photed CAU 371/10-18-2010 CAU 371 CAS 18-45-01 JOHNNIE BOY)

## G. VERIFICATION:

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

**Signature:** /s/: Reed Poderis

**Date:** 12/29/2010

**Printed Name:** Thomas A. Thick (or designee)
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 383: AREA 12 E-TUNNEL SITES - CAS 12-06-06, MUCKPILE**
**CAS 12-25-02, OIL SPILL**
**CAS 12-28-02, RADIOACTIVE MATERIAL**

| Inspection Date and Time: | 10/11/10 11:15 AM | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | 11/10/09 | Reason for Last Post-Closure Inspection: | Annual |
| Responsible Entity: | NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada |
| Responsible Facility Owner: | Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project |
| Chief Inspector: | Glenn Richardson | Title: | Task Manager |
| Assistant Inspector: | Dudley Emer | Title: | Sr. Scientist |

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

## B. PREPARATION (To be competed prior to site visit) | YES | NO | EXPLANATION (required if shaded box is checked)
---|---|---|---
1. Has the Post-Closure Plan been reviewed? | ✔ | | |
2. Have the previous inspection reports been reviewed? | ✔ | | |
3. Were anomalies or trends detected on previous inspections? | ✔ | | 1 T-post and 1 Sign was repaired |
4. Were maintenance or repairs performed since last inspection? | ✔ | | |

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

## D. SITE INSPECTION

* The site inspection to certify that markers and postings are in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission. The checklist should be completed during the site inspection.
* 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>1. Site markers:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have any posts for the eleven (11) use restriction signs been damaged or their anchoring weakened?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the eleven (11) use restriction signs damaged or missing?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
POST-CLOSURE INSPECTION CHECKLIST

CAU 383: AREA 12 E-TUNNEL SITES - CAS 12-06-06, MUCKPILE
- CAS 12-25-02, OIL SPILL
- CAS 12-28-02, RADIOACTIVE MATERIAL

1. Site markers (continued):
   c. Are all use restriction signs legible?
   d. Do all signs have the required wording on the signs (check wording on all signs):

   YES NO EXPLANATION (required if shaded box is checked)

   
   WARNING
   Radiologically Contaminated Areas
   FFACO Site CAU 383, Area 12 E-Tunnel Sites
   CAS 12-28-02, Radioactive Material Area
   CAS 12-06-06, E-Tunnel Muckpile
   CAS 12-25-02, Oil Spill
   Access to this area is not permitted without
   U.S. Government permission.
   Before working in this area,
   Contact Real Estate Services at 295-2528

   d. How many signs need to be replaced?

   Photograph Instructions:
   • Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair
     activities and are not intended for use in the post-closure annual report.
   • Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
   • Other photographs are optional.
   • A photograph log entry will be made for each photograph taken.

2. Photograph Documentation:
   a. Have photographs been taken of the site?

   YES NO EXPLANATION

   If yes, how many photos were taken?
   2

   If yes, has a photographic log been prepared?

3. FIELD CONCLUSIONS

   YES NO EXPLANATION (required if shaded box is checked)

   1. Are more frequent inspections required?
   2. Are existing maintenance/repair actions satisfactory?
   3. Are maintenance/repair actions necessary?
   4. Field conclusions/recommendations: The UR signage and T-posts are intact. There are no issues or concerns at this site.

Page 2 of 3
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 383: AREA 12 E-TUNNEL SITES**  
- CAS 12-06-06, MUCKPILE  
- CAS 12-25-02, OIL SPILL  
- CAS 12-28-02, RADIOACTIVE MATERIAL

## F. CERTIFICATION

I have conducted an inspection of CAS 12-06-06, Muckpile, CAS 12-25-02, Oil Spill, and CAS 12-28-02, Radioactive Material, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 10/11/10

Printed Name: Glenn Richardson  
Title: Task Manager

### Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 383\2010\10-11-2010 CAU 383 annual inspection)

### Distribution:
- Original – Industrial Sites Project Manager  
- Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/29/2010

Printed Name: Thomas A. Thiel (or designee)

### Distribution:
- Original – Task Manager
# 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 and Time:** 10/11/10 18:40  
**Reason for Inspection:**  
**Date of Last Post-Closure Inspection:** 11/4/09  
**Reason for Last Post-Closure Inspection:** Annual  

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project  
**Chief Inspector:** Glenn Richardson  
**Title:** Site Manager  
**Assistant Inspector:** Dudley Emer  
**Title:** Sr. Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.  
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).  
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Were maintenance or repairs performed since last inspection?

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection to certify that markers and postings are in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:
   - a. Is there damage to the blockade gate?  
   - b. Is the gate lock in place and functional?
### 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**

<table>
<thead>
<tr>
<th>1. Site markers (continued)</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is the use restriction sign damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Is the use restriction sign legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Does the sign have the required wording (check wording on the sign):</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WARNING**

Radiologically Contaminated Areas
Beyond This Point
FFACO Sites
CAU 476, Area 12, T-Tunnel Sites
CAS 12-06-02, Muckpile
CAU 559, T-Tunnel Compressor/Blower Pad
CAS 12-25-13, Oil-Stained Soil and Concrete
CAU 478, Area 12, T-Tunnel Ponds
CAS 12-23-01, Ponds (5), RAD Area
CAU 309, Area 12, Muckpiles
CAS 12-06-09, Muckpile
CAS 12-08-02, Contaminated Waste Dumps
CAS 12-28-01, I, 1, and K-Tunnel
Access to this area is not permitted without U.S. Government permission.
Before working in this area,
Contact Real Estate Services at 295-2528

g. Does the sign need to be replaced? | | | |

### Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### 2. Photograph Documentation:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td>If &quot;yes&quot;, describe in Field conclusions/recommendations</td>
</tr>
</tbody>
</table>
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

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations:
   Site and gates are in good condition
   No issues noted

F. CERTIFICATION

I have conducted an inspection of CAS 12-06-02, Muckpile, and CAS 12-25-13, Oil Stained Soil and Concrete, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson
Printed Name: Glenn Richardson
Title: Task Manager
Date: 10/11/10

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 476-559\2010\10-11-20-CAU 476 Inspection)

Distribution:
Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis
Printed Name: Thomas Alphonse (or designee)
Date: 12/21/2010

Distribution: Original – Task Manager
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 477: AREA 12 N-TUNNEL MUCKPILE - CAS 12-06-03, MUCKPILE**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/11/10 13:15</th>
<th>Reason for Inspection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/18/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
</tbody>
</table>

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: [Signature]

Assistant Inspector: [Signature]

---

### A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?
2. Have the previous inspection reports been reviewed?
3. Were anomalies or trends detected on previous inspections?
4. Were maintenance or repairs performed since last inspection?

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

### D. SITE INSPECTION

- **The site inspection is to certify that the posting is in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:
   - a. Is there damage to the blockade gate?
   - b. Is the gate lock in place and functional?
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 477: AREA 12 N-TUNNEL MUCKPILE - CAS 12-06-03, MUCKPILE**

1. Site markers (continued):
   - c. Have any posts been damaged or their anchoring weakened? **YES**
   - d. Is the use restriction sign damaged or missing? **YES**
   - e. Is the use restriction sign legible? **YES**
   - f. Does the sign have the required wording? **YES**
   - g. Does the sign need to be replaced? **YES**

**WARNING**
Lead Contaminated Area
Beyond This Point
FFACO Site
CAU 477, Area 12, N-Tunnel Muckpile,
CAS 12-06-03, Muckpile
Access to this area is not permitted without
U.S. Government permission.
Before working in this area,
Contact Real Estate Services at 295-2528

2. Photograph Documentation:
   - a. Have photographs been taken of the site? **YES**
     - If yes, how many photos were taken? 1
     - If yes, has a photographic log been prepared? **YES**

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required? **NO**
2. Are existing maintenance/repair actions satisfactory? **YES**
3. Are maintenance/repair actions necessary? **YES**
   - If "yes", describe below

4. Field conclusions/recommendations:
   - The word "Lead" has been removed.
   - The word "Lead" appears to have been intentionally removed from the warning sign.

---

Page 2 of 3
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 477: AREA 12 N-TUNNEL MUCKPILE - CAS 12-06-03, MUCKPILE**

### F. CERTIFICATION

I have conducted an inspection of CAS 12-06-03, Muckpile, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

**Chief Inspector's Signature:** /s/: Glenn Richardson  
**Date:** 10/11/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: \S\ANTS\ER Share\Photos\CAU 477\2010\10-11-2010 CAU 477 Inspection)

**Distribution:** Original - Industrial Sites Project Manager  
Copy - Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

**Signature:** /s/: Reed Poderis  
**Date:** 12/29/20

**Printed Name:** Thomas A. Thiele (or designee)

**Distribution:** Original - Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 478: AREA 12 T-TUNNEL PONDS - CAS 12-23-01, PONDS (5), RAD AREA**

**Inspection Date and Time:** 10/11/18 15:00  
**Reason for Inspection:**  

**Date of Last Post-Closure Inspection:** 11/9/09  
**Reason for Last Post-Closure Inspection:**  

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  

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

**Chief Inspector:** Glen Richardson  
**Title:** Site Manager  

**Assistant Inspector:**  
**Title:**  

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.  
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).  
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td>☑</td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:  
- Radio, pager, etc.  
- Camera, digital storage drive, and extra batteries  
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans  
- Tape measure  
- Other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection to certify that markers and postings are in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission. The checklist should be completed during the site inspection.  
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there damage to the blockade gate?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Is the gate lock in place and functional?</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 478: AREA 12 T-TUNNEL PONDS - CAS 12-23-01, PONDS (5), RAD AREA**

1. Site markers (continued):
   - c. Have any posts been damaged or their anchoring weakened? **YES**
   - d. Is the use restriction sign damaged or missing? **YES**
   - e. Is the use restriction sign legible?
   - f. Does the sign have the required wording (check wording on the sign):

   ![Warning](image)

   **WARNING**
   **Radiologically Contaminated Areas**
   **Beyond This Point**
   **FFACO Sites**
   CAU 476, Area 12, T-Tunnel Sites
   CAS 12-06-02, Muckpile
   CAU 559, T-Tunnel Compressor/Blower Pad
   CAS 12-25-12, Oil-Stained Soil and Concrete
   CAU 478, Area 12, T-Tunnel Ponds
   CAS 12-23-01, Ponds (5), RAD Area
   CAU 309, Area 12, Muckpiles
   CAS 12-06-09, Muckpile
   CAS 12-08-02, Contaminated Waste Dumps
   CAS 12-06-01, 1. J. and K-Tunnel
   Access to this area is not permitted without U.S. Government permission.
   Before working in this area, Contact Real Estate Services at 295-2528

   - g. Does the sign need to be replaced?

2. Photograph Documentation:
   - Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
   - Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
   - Other photographs are optional.
   - A photograph log entry will be made for each photograph taken.

   - a. Have photographs been taken of the site? **YES**
   - If yes, how many photos were taken? **3**
   - If yes, has a photographic log been prepared? **YES**

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required? **NO**
2. Are existing maintenance/repair actions satisfactory? **YES**
3. Are maintenance/repair actions necessary? **YES**
   - If "yes", describe in Field conclusions/recommendations
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 478: AREA 12 T-TUNNEL PONDS - CAS 12-23-01, PONDS (5), RAD AREA**

### E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations:

   - Site & Signage in good condition
   - Section of fence along access
   - Reed is down & will require repair

### F. CERTIFICATION

I have conducted an inspection of CAS 12-23-01, Ponds (5), RAD Area, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

**Chief Inspector’s Signature:** /s/: Glenn Richardson  
**Date:** 10/11/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 478\10-11-2010 CAU 478 CAS 12-23-01) 

**Distribution:** Original – Industrial Sites Project Manager  
Copy – Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

**Signature:** /s/: Reed Poderis  
**Date:** 12/29/2010

**Printed Name:** Thomas A Thiele (or designee)

**Distribution:** Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST
CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS

Inspection Date and Time: 10/25/2010 10:55 AM
Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/10/09
Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: Glen Richardson
Title: Task Manager

Assistant Inspector: Darley Emer
Title: Sr. Scientist

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADEd BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C. SITE INSPECTION PREPARATION
Assemble the following, as needed, to conduct inspections:
a. Radio, pager, etc:
b. Camera, digital storage drive, and extra batteries
c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
d. Tape measure
e. Other miscellaneous support equipment

D. SITE INSPECTION
- The site inspection to certify that markers and postings are in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission. The checklist should be completed during the site inspection.
- If a shaded box is checked, provide 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:
<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
</table>
   a. Is there damage to the 15-2C barricade gate? |     |    |                                               |
   b. Is the gate lock in place and functional? |     |    |                                               |
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS**  
**CASS 15-06-01 & 15-06-02, U15A MUCKPILE & CAS 15-38-01, AREA 15 U15A/E PONDS**

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Have any posts been damaged or their anchoring weakened?</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is the use restriction sign posted at the 15-2C barricade?</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Is the use restriction sign damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Is the use restriction sign legible?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. Does the sign have the required wording (check wording on the sign):</td>
<td></td>
<td></td>
<td>WARNINGS</td>
</tr>
<tr>
<td>WARNING - Radiologically Contaminated Areas</td>
<td></td>
<td></td>
<td>BEYOND THIS POINT</td>
</tr>
<tr>
<td>Radiologically Contaminated Areas</td>
<td></td>
<td></td>
<td>FFACO Site</td>
</tr>
<tr>
<td>Beyond This Point</td>
<td></td>
<td></td>
<td>CAU 482, Area 15, U15a/e Muckpiles and Ponds</td>
</tr>
<tr>
<td>FFACO Site</td>
<td></td>
<td></td>
<td>CAS 15-38-01, U15a/e Ponds</td>
</tr>
<tr>
<td>Drainage below CAS 15-06-02</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access to this area is not permitted without</td>
<td></td>
<td></td>
<td>U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2328</td>
</tr>
<tr>
<td>Access to this area is not permitted without</td>
<td></td>
<td></td>
<td>U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2328</td>
</tr>
<tr>
<td>h. Does the sign need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>2. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th>1. Are more frequent inspections required?</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑️</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Are existing maintenance/repair actions satisfactory?</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑️</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Are maintenance/repair actions necessary?</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑️</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4. Field conclusions/recommendations:</th>
<th>S/A is in good condition w/ issues</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dated 1/23/2007</td>
</tr>
</tbody>
</table>

Page 2 of 3
POST-CLOSURE INSPECTION CHECKLIST

CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations (continued):


F. CERTIFICATION

I have conducted an inspection of CAS 15-06-01, U15a Muckpile, and CAS 15-38-01, Area 15 U15a/e Ponds, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson Date: 10/25/10
Printed Name: Glenn Richardson Title: Task Manager

Required Attachments:
* Field Notes (if any)
* Photos (or note File Location: S:\NTS\ER Share\ Photos\CAU 482\ 10-25-2010 CAU 482 Gate Sign)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis Date: 1/29/200
Printed Name: Thomas A. Thele (or designee)

Distribution: Original – Task Manager
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 528: POLYCHLORINATED BIPHENYLS CONTAMINATION
CAS 25-27-03, POLYCHLORINATED BIPHENYLS SURFACE CONTAMINATION

| Inspection Date and Time: | 11/5/10 11:50AM | Reason for Inspection: Annual |
| Date of Last Post-Closure Inspection: | 1/9/10 | Reason for Last Post-Closure Inspection: |

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: Glenn Richardson
Title: Task Manager

Assistant Inspector: Dudley Ewers
Title: So Scientist

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td>Sign Maintenance</td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Key to Test Cell C compound
- f. Other miscellaneous support equipment

### D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 528: POLYCHLORINATED BIPHENYLS CONTAMINATION**  
**CAS 25-27-03, POLYCHLORINATED BIPHENYLS SURFACE CONTAMINATION**

1. Site markers (continued):
   - b. Are any of the use restriction signs damaged or missing? [ ]
   - c. Are all use restriction signs legible? [ ]
   - d. How many signs need to be replaced? [ ]

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site? [ ]

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site? [ ]
     - If yes, how many photos were taken? [ ]
     - If yes, has a photographic log been prepared? [ ]

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required? [ ]
2. Are existing maintenance/repair actions satisfactory? [ ]
3. Are maintenance/repair actions necessary? [ ]

4. Field conclusions/recommendations:  
   - Site is in good condition, no issues reported.
POST-CLOSURE INSPECTION CHECKLIST

CAU 528: POLYCHLORINATED BIPHENYLS CONTAMINATION
CAS 25-27-03, POLYCHLORINATED BIPHENYLS SURFACE CONTAMINATION

F. CERTIFICATION

I have conducted an inspection of CAS 25-27-03, Polychlorinated Biphenyls Surface Contamination, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector’s Signature: /s/: Glenn Richardson
Date: 11/15/10
Printed Name: Glenn Richardson
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER\Share\Photos\CAU 528\2010\11-15-2010 CAU 528 Gas 25-27-03 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis
Date: 12/24/2010
Printed Name: Thomas A. Thistle (or designee)

Distribution: Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 529: AREA 25 CONTAMINATED MATERIALS**  
**CAS 25-23-17, CONTAMINATED WASH, PARCELS E & H**

| Inspection Date and Time: 11/16/10 12:57 | Reason for Inspection:  
| Date of Last Post-Closure Inspection: 10/17/09 | Reason for Last Post-Closure Inspection: |

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

| Chief Inspector: Glen Richardson | Title: Test Manager |
| Assistant Inspector: Joshua Emer | Title: Sr. Scientist |

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADOWED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

## B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Key to Test Cell C compound
- f. Other miscellaneous support equipment

## D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>1. Site markers (Parcel E):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there damage to the fence?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
POST-CLOSURE INSPECTION CHECKLIST

CAU 529: AREA 25 CONTAMINATED MATERIALS
CAS 25-23-17, CONTAMINATED WASH, PARCELS E & H

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers (Parcel E), continued:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
<td>[Explanations]</td>
</tr>
<tr>
<td>c. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
<td>[Explanations]</td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
<td>[Explanations]</td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
<td>[Explanations]</td>
</tr>
<tr>
<td>2. Use-restricted area (Parcel E):</td>
<td></td>
<td>YES</td>
<td>NO</td>
<td>EXPLANATION (required if shaded box is checked)</td>
</tr>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Site markers (Parcel H):</td>
<td></td>
<td>YES</td>
<td>NO</td>
<td>EXPLANATION (required if shaded box is checked)</td>
</tr>
<tr>
<td>a. Is there damage to the fence?</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
<td></td>
<td>[Explanations]</td>
</tr>
<tr>
<td>c. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
<td>[Explanations]</td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td></td>
<td></td>
<td></td>
<td>[Explanations]</td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
<td>[Explanations]</td>
</tr>
<tr>
<td>4. Use-restricted area (Parcel H):</td>
<td></td>
<td>YES</td>
<td>NO</td>
<td>EXPLANATION (required if shaded box is checked)</td>
</tr>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

5. Photograph Documentation:
   |   | YES | NO | EXPLANATION |
   | a. Have photographs been taken of the site? |   |     |             |
   | If yes, how many photos were taken? |   |     |             |
   | If yes, has a photographic log been prepared? |   |     |             |

E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
<td>If &quot;yes&quot;, describe in &quot;Field conclusions/recommendations&quot;</td>
</tr>
</tbody>
</table>

Page 2 of 5
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 529: AREA 25 CONTAMINATED MATERIALS**  
**CAS 25-23-17, CONTAMINATED WASH, PARCELS E & H**

### E. FIELD CONCLUSIONS (continued)

<table>
<thead>
<tr>
<th>Field conclusions/recommendations:</th>
</tr>
</thead>
</table>
| **Parcel E** | Sign - Missing or S. Side  
| **Parcel H** | Sign - Missing & Wire Pop  
| Needs Repair & 1 Section |  

### F. CERTIFICATION

I have conducted an inspection of CAS 25-23-17, Contaminated Wash Parcels E & H, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chie**f Inspector's Signature: /s/: Glenn Richardson  
Date: 11/15/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

**Required Attachments:**  
- Field Notes (if any)  
- Photos (File Location: S:\NTSIER Share\Photos\CAU 52A 2010\11-15-2010 CAU 529 CAS 25-23-17 Inspection)

**Distribution:**  
Original – Industrial Sites Project Manager  
Copy – Task Manager

### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

**Signature:** /s/: Reed Poderis  
**Date:** 12/29/2010

**Printed Name:** Thomas A. Thiele (or designee)

**Distribution:**  
Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-07, UD-3A DISPOSAL HOLE

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/1/10</th>
<th>Reason for Inspection:</th>
<th>11/1/09</th>
<th>Reason for Last Post-Closure Inspection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/1/09</td>
<td>Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chief Inspector:</td>
<td>GLENN RICHARDSON</td>
<td>Title:</td>
<td>Project Manager</td>
<td></td>
</tr>
<tr>
<td>Assistant Inspector:</td>
<td>DANIEL ECHTER</td>
<td>Title:</td>
<td>Sr. Scientist</td>
<td></td>
</tr>
</tbody>
</table>

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C. SITE INSPECTION PREPARATION
Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

D. SITE INSPECTION
- The site inspection to certify that postings are in place, intact, and readable. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the four (4) use restriction signs damaged or missing?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 542: DISPOSAL HOLES - CAS 03-20-07, UD-3A DISPOSAL HOLE**

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Do all signs have the required wording on the signs (check wording on all signs):</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WARNING**
UNDERGROUND RADIOLOGICAL CONTAMINATION BELOW 2 FT BGS
FFACO Site CAU 542/CAS 03-20-07
UD-3A DISPOSAL HOLE
No activities that may alter or modify the containment control are permitted without U.S. Government permission.
Before working in this area,
Contact Real Estate Services at 295-2528

e. How many signs need to be replaced?

Photograph Instructions:
- Photographic should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>2. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

<table>
<thead>
<tr>
<th>1. Are more frequent inspections required?</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td>✔️</td>
<td></td>
<td>If &quot;yes&quot;, describe below</td>
</tr>
<tr>
<td>4. Field conclusions/recommendations:</td>
<td>Site in good condition</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 2 of ___
POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-07, UD-3A DISPOSAL HOLE

F. CERTIFICATION

I have conducted an inspection of CAS 03-20-07, UD-3a Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson

Printed Name: Glenn Richardson

Date: 11/1/10

Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 542\2010\CAU 542 CAS 03-20-07 Inspection)

Distribution: Original - Industrial Sites Project Manager
Copy - Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Printed Name: [ signature]

Date: 12/24/2010

Distribution: Original - Task Manager
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 542: DISPOSAL HOLES - CAS 03-20-09, UD-3B DISPOSAL HOLE

**Inspection Date and Time:** 11/10/10 11:40 am  
**Reason for Inspection:** [Reason]

**Date of Last Post-Closure Inspection:** 12/1/09  
**Reason for Last Post-Closure Inspection:** [Reason]

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** [Name]  
**Title:** [Title]

**Assistant Inspector:** [Name]  
**Title:** [Title]

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed? [ ]
2. Have the previous inspection reports been reviewed? [ ]
3. Were anomalies or trends detected on previous inspections? [ ]
4. Were maintenance or repairs performed since last inspection? [ ] - *Replaced Signs*

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

### D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:
<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
   a. Have any posts been damaged or their anchoring weakened? [ ]
   b. Are any of the four (4) use restriction signs damaged or missing? [ ]
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 542: DISPOSAL HOLES - CAS 03-20-09, UD-3B DISPOSAL HOLE**

1. **Site markers (continued):**
   - c. Are all use restriction signs legible?
   - d. Do all signs have the required wording on the signs (check wording on all signs):

   **WARNING**
   UNDERGROUND RADIOLOGICAL CONTAMINATION BELOW 2 FT BGS
   FFACO Site CAU 542/CAS 03-20-09
   UD-3B DISPOSAL HOLE
   No activities that may alter or modify the containment control are permitted without U.S. Government permission.
   Before working in this area, Contact Real Estate Services at 295-2528

   - e. How many signs need to be replaced?

   Photograph Instructions:
   - Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
   - Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
   - Other photographs are optional.
   - A photograph log entry will be made for each photograph taken.

2. **Photograph Documentation:**
   - a. Have photographs been taken of the site?
     - If yes, how many photos were taken?
     - If yes, has a photographic log been prepared?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Are existing maintenance/repair actions satisfactory?

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Are maintenance/repair actions necessary?

   If “yes”, describe below

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. Field conclusions/recommendations:  

   [ ] Faded sign needs replacing

   [ ] Faded sign needs replacing
POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-09, UD-3B DISPOSAL HOLE

F. CERTIFICATION

I have conducted an inspection of CAS 03-20-09, UD-3b Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson
Date: 11/1/10
Printed Name: Glenn Richardson
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 542 CAS 03-20-09 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis
Date: 12/24/20

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 542: DISPOSAL HOLES - CAS 03-20-10, UD-3C DISPOSAL HOLE**

### Inspection Date and Time:

*11/11/10 10:13 AM*

### Reason for Inspection:

*Drain*

### Date of Last Post-Closure Inspection:

*07/19/09*

### Reason for Last Post-Closure Inspection:

*Drain*

### Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

### Chief Inspector: Glen Richardson

### Title: Project Manager

### Assistant Inspector: D. Badge Emer

### Title: Sr. Scientist

## A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?
   - Signs damaged
   - Signs replaced

4. Were maintenance or repairs performed since last inspection?

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

## D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

### 1. Site markers:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

- b. Are any of the four (4) use restriction signs damaged or missing?
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 542: DISPOSAL HOLES - CAS 03-20-10, UD-3C DISPOSAL HOLE

### 1. Site markers (continued):

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>c.</strong> Are all use restriction signs legible?</td>
<td>![Checkmark]</td>
<td></td>
<td>2 Faded</td>
</tr>
<tr>
<td><strong>d.</strong> Do all signs have the required wording on the signs (check wording on all signs):</td>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WARNING**
UNDERGROUND RADIOLOGICAL CONTAMINATION BELOW 2 FT BDS
FTACO Site CAU 542/CAS 03-20-10
UD-3c DISPOSAL HOLE

No activities that may alter or modify the containment control are permitted without U.S. Government permission.
Before working in this area, Contact Real Estate Services at 295-2528

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>c.</strong> How many signs need to be replaced?</td>
<td>![Checkmark]</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

### 2. Photograph Documentation:

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>a.</strong> Have photographs been taken of the site?</td>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1.</strong> Are more frequent inspections required?</td>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2.</strong> Are existing maintenance/repair actions satisfactory?</td>
<td>![Checkmark]</td>
<td></td>
<td>If &quot;yes&quot;, describe below</td>
</tr>
<tr>
<td><strong>3.</strong> Are maintenance/repair actions necessary?</td>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**4.** Field conclusions/recommendations:

Replace 2 Faded Warning

Signs.
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 542: DISPOSAL HOLES - CAS 03-20-10, UD-3C DISPOSAL HOLE**

## F. CERTIFICATION

I have conducted an inspection of CAS 03-20-10, UD-3C Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 11/4/10

Printed Name: Glenn Richardson  
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 542\2010\CAS 03-20-10 Inspection)

Distribution: Original - Industrial Sites Project Manager  
Copy - Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/9/2010

Printed Name: Thomas A. Thal (or designee)

Distribution: Original - Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 542: DISPOSAL HOLES - CAS 03-20-11, UD-3D DISPOSAL HOLE**

| Inspection Date and Time: 11/1/10 11:15 AM | Reason for Inspection: Approval |
| Date of Last Post-Closure Inspection: 12/1/09 | Reason for Last Post-Closure Inspection: Approval |

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Assistant Inspector:** Dudley Emer  
**Title:** Task Manager  
**Title:** Sr. Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

## B. PREPARATION (To be competed prior to site visit)

| 1. Has the Post-Closure Plan been reviewed? | YES | NO |
| 2. Have the previous inspection reports been reviewed? |  |
| 3. Were anomalies or trends detected on previous inspections? |  |
| 4. Were maintenance or repairs performed since last inspection? | Signs Replaced |

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

## D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

| 1. Site markers: | YES | NO | EXPLANATION (required if shaded box is checked) |
| a. Have any posts been damaged or their anchoring weakened? |  |
| b. Are any of the four (4) use restriction signs damaged or missing? |  |
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 542: DISPOSAL HOLES - CAS 03-20-11, UD-3D DISPOSAL HOLE**

1. Site markers (continued):
   - c. Are all use restriction signs legible? [ ]
   - d. Do all signs have the required wording on the signs (check wording on all signs):
     
     **WARNING**  
     UNDERGROUND RADIOLOGICAL CONTAMINATION BELOW 2 FT BGS  
     FFACO Site CAU 542/CAS 03-20-11  
     UD-3d DISPOSAL HOLE  
     No activities that may alter or modify the containment control are permitted without U.S. Government permission.
     Before working in this area, Contact Real Estate Services at 295-2528
   
   - e. How many signs need to be replaced?

   **Photograph Instructions:**
   - Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
   - Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
   - Other photographs are optional.
   - A photograph log entry will be made for each photograph taken.

2. Photograph Documentation:
   - a. Have photographs been taken of the site? [ ]
   - If yes, how many photos were taken?
   - If yes, has a photographic log been prepared?

3. **E. FIELD CONCLUSIONS**
   - Are more frequent inspections required? [ ]
   - Are existing maintenance/repair actions satisfactory? [ ]
   - Are maintenance/repair actions necessary? [ ] If "yes", describe below

4. Field conclusions/recommendations: "Site is in good condition."
POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-11, UD-3D DISPOSAL HOLE

F. CERTIFICATION

I have conducted an inspection of CAS 03-20-11, UD-3d Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S\NTSIER Share\Photos\CAU 542\2010\CAU 542 CAS 03-20-11 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Date: 12/19/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 542: DISPOSAL HOLES - CAS 06-20-03, UD-6 AND UD-6S DISPOSAL HOLES**

| Inspection Date and Time: 11/1/10 10:55am | Reason for Inspection: Annual |
| Date of Last Post-Closure Inspection: 12/17/09 | Reason for Last Post-Closure Inspection: Annual |

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project  
**Chief Inspector:**  
**Assistant Inspector:**

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADeD BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

## B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXPLANATION</strong> (required if shaded box is checked)</td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed? [ ]

2. Have the previous inspection reports been reviewed? [ ]

3. Were anomalies or trends detected on previous inspections? [ ]

4. Were maintenance or repairs performed since last inspection? [ ]

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

## D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXPLANATION</strong> (required if shaded box is checked)</td>
<td></td>
</tr>
</tbody>
</table>

1. Site markers: [ ]

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

   b. Are any of the four (4) use restriction signs damaged or missing? [ ]
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 542: DISPOSAL HOLES - CAS 06-20-03, UD-6 AND UD-6S DISPOSAL HOLES**

1. Site markers (continued):
   - a. Are all use restriction signs legible? [NO]
   - d. Do all signs have the required wording on the signs (check wording on all signs):

   **WARNING**
   UNDERGROUND RADIOLOGICAL
   CONTAMINATION BELOW 2 FT BGS
   FEACO Site CAU 542/CAS 06-20-03
   UD-6 and UD-6S DISPOSAL HOLES
   No activities that may alter or modify the containment
   control are permitted without U.S. Government
   permission.
   Before working in this area,
   Contact Real Estate Services at 295-2528

   c. How many signs need to be replaced? [1]

   **Photograph Instructions:**
   - Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
   - Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
   - Other photographs are optional.
   - A photograph log entry will be made for each photograph taken.

2. Photograph Documentation:
   - a. Have photographs been taken of the site? [YES]
      - If yes, how many photos were taken? [2]
      - If yes, has a photographic log been prepared? [NO]

E. FIELD CONCLUSIONS

1. Are more frequent inspections required? [NO]
2. Are existing maintenance/repair actions satisfactory? [YES]
3. Are maintenance/repair actions necessary? [YES]
   If "yes", describe below:

4. Field conclusions/recommendations: [FADED SIGN NEEDS REPLACING]
POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 06-20-03, UD-6 AND UD-6S DISPOSAL HOLES

F. CERTIFICATION

I have conducted an inspection of CAS 06-20-03, UD-6 and UD-6s Disposal Holes, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector’s Signature: /s/: Glenn Richardson Date: 11/1/10

Printed Name: Glenn Richardson Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTSIER Share\Photos\CAU 542\2010\CAU 542 CAS 06-20-03)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis Date: 12/24/2010

Printed Name: Thomas A. Thied (or designee)

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

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

**Inspection Date and Time:** 11/8/09 12:04  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 12/9/09  
**Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:**  
**Title:** Site Manager

**Assistant Inspector:**  
**Title:** Site Scientist

**A. GENERAL INSTRUCTIONS**
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?
2. Have the previous inspection reports been reviewed?
3. Were anomalies or trends detected on previous inspections?
4. Were maintenance or repairs performed since last inspection?

**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

**D. SITE INSPECTION**

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the entire use restricted area and all features specifically described in this checklist (site is small enough to see entire use-restricted area from the perimeter fencing). The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
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</tr>
</tbody>
</table>

1. Site markers:
   a. Is there damage to the fence?
   b. Have any posts been damaged or their anchoring weakened?
### POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):
   - c. Are any of the nine (9) use restriction signs damaged or missing? **[ ] YES [ ] NO EXPLANATION**
   - d. Are all use restriction signs legible? **[ ] YES [ ] NO EXPLANATION**
   - e. How many use restriction signs need to be replaced? **[ ] YES [ ] NO EXPLANATION**
   - f. Are any of the nine (9) PCB signs damaged or missing? **[ ] YES [ ] NO EXPLANATION**
   - g. Are all PCB signs legible (including written info on bottom 2 lines)? **[ ] YES [ ] NO EXPLANATION**
   - h. How many PCB signs need to be replaced? **[ ] YES [ ] NO EXPLANATION**

2. Use-restricted area:
   - a. Is there evidence of human intrusion onto the site? **[ ] YES [ ] NO EXPLANATION**

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site? **[ ] YES [ ] NO EXPLANATION**
     - If yes, how many photos were taken? **[ ] YES [ ] NO EXPLANATION**
     - If yes, has a photographic log been prepared? **[ ] YES [ ] NO EXPLANATION**

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required? **[ ] YES [ ] NO EXPLANATION**
2. Are existing maintenance/repair actions satisfactory? **[ ] YES [ ] NO EXPLANATION**
3. Are maintenance/repair actions necessary? **[ ] YES [ ] NO EXPLANATION**
   - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)
4. Field conclusions/recommendations: **Site is in Good Condition no issues**

---

**Signature:**

**Date:** 7/1/05
**POST-CLOSURE INSPECTION CHECKLIST**

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

<table>
<thead>
<tr>
<th>F. CERTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>I have conducted an inspection of CAS 06-07-01, Decon Pad, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chief Inspector's Signature: /s/: Glenn Richardson</th>
<th>Date: 11/9/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Glenn Richardson</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: SANTS|ER Share\Photos\CAU 543\2010\11-9-2010 CAU 543 CAS 06-07-01 Inspection

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

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<table>
<thead>
<tr>
<th>G. VERIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>I have reviewed this checklist and attachments and have verified that it is complete.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/20/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A. P. (or designee)</td>
<td></td>
</tr>
</tbody>
</table>

**Distribution:**
- Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK
- CAS 15-23-03, CONTAMINATED SUMP, PIPING

Inspection Date and Time: 10/25/2010 10:17 AM
Date of Last Post-Closure Inspection: 11/10/09

Reason for Inspection: Annual
Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: Glenn Richardson
Title: Site Manager
Assistant Inspector: Dudley Emer
Title: Sr. Scientist

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

B. PREPARATION (To be completed prior to site visit) YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed? ☑
2. Have the previous inspection reports been reviewed? ☑
3. Were anomalies or trends detected on previous inspections? ☑
4. Were maintenance or repairs performed since last inspection? ☑

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

a. Radio, pager, etc.
b. Camera, digital storage drive, and extra batteries
c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
d. Tape measure
e. Other miscellaneous support equipment

D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the entire use restricted area and all features specifically described in this checklist (sites are small enough to see entire use-restricted area from the perimeter fencing). The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers (CAS 15-01-03, Building 15-06 pad):
   a. Is there damage to the fencing? ☑
   b. Have any posts been damaged or their anchoring weakened? ☑
### POST-CLOSURE INSPECTION CHECKLIST

| CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK - CAS 15-23-03, CONTAMINATED SUMP, PIPING |
|---|---|---|
| 1. Site markers (CAS 15-01-03, Bldg 15-06 pad) continued: | YES | NO | EXPLANATION (required if shaded box is checked) |
|  | c. Are any of the four (4) use restriction signs damaged or missing? | ☑ |  |
|  | d. Are all use restriction signs legible? | ☑ |  |
|  | e. How many use restriction signs need to be replaced? | 0 |  |
|  | f. Are any of the four (4) PCB signs damaged or missing? | ☑ |  |
|  | g. Are all PCB signs legible (including written info on bottom 2 lines)? |  |  |
|  | h. How many PCB signs need to be replaced? | 0 |  |
| 2. Use-restricted area (CAS 15-01-03, Bldg. 15-06 pad): | YES | NO | EXPLANATION (required if shaded box is checked) |
|  | a. Is there evidence of human intrusion onto the site? |  |  |
| 3. Site markers (CAS 15-01-03, underground piping): | YES | NO | EXPLANATION (required if shaded box is checked) |
|  | a. Have any posts been damaged or their anchoring weakened? | ☑ |  |
|  | b. Are any of the twelve (12) use restriction signs damaged or missing? | ☑ |  |
|  | c. Are all use restriction signs legible? |  |  |
|  | d. How many use restriction signs need to be replaced? |  |  |
|  | e. Are any of the twelve (12) PCB signs damaged or missing? | ☑ |  |
|  | f. Are all PCB signs legible (including written info on bottom 2 lines)? |  |  |
|  | g. How many PCB signs need to be replaced? | 3 |  |
| 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 intrusion onto the site? |  |  |
| 5. Site markers (CAS 15-23-03): | YES | NO | EXPLANATION (required if shaded box is checked) |
|  | a. Have any posts been damaged or their anchoring weakened? | ☑ |  |
|  | b. Are any of the five (5) use restriction signs damaged or missing? |  |  |
|  | c. Are all use restriction signs legible? |  |  |
|  | d. How many use restriction signs need to be replaced? | 0 |  |
|  | e. Are any of the four (4) URMA signs damaged or missing? |  |  |
|  | f. Are all URMA signs legible? |  |  |
|  | g. How many URMA signs need to be replaced? | 0 |  |
|  | h. Are all URMA signs firmly affixed to fencing?? |  |  |
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK - CAS 15-23-03, CONTAMINATED SUMP, PIPING**

6. Use-restricted area (CAS 15-23-03):
   - a. Is there evidence of human intrusion onto the site?  
     - YES  NO  EXPLANATION (required if shaded box is checked)

   **Photograph Instructions:**
   - Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
   - Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
   - Other photographs are optional.
   - A photograph log entry will be made for each photograph taken.

7. Photograph Documentation:
   - a. Have photographs been taken of the site?  
     - YES  NO  EXPLANATION
   - If yes, how many photos were taken?
   - If yes, has a photographic log been prepared?

### E. FIELD CONCLUSIONS

- 1. Are more frequent inspections required?  

- 2. Are existing maintenance/repair actions satisfactory?  

- 3. Are maintenance/repair actions necessary?  
  - If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

- 4. Field conclusions/recommendations:
  - CAS 15-01-03 1 Strand of Housing
  - 13 Down on S.W. Corner
  - 3 PCB Signs are missing a need
  - Replacement

### F. CERTIFICATION

I have conducted an inspection of CAUs 15-01-03, Aboveground Storage Tank, and 15-23-03, Contaminated Sump, Piping, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist. Attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 10/25/10

Printed Name: Glenn Richardson  
Title: Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share: Photos CAU 543 2010 10-25-2010 CAU 543 CAS 15-01-03 Inspection, CAS 15-23-03 Inspection

**Distribution:** Original – Industrial Sites Project Manager  
Copy – Task Manager
<table>
<thead>
<tr>
<th><strong>POST-CLOSURE INSPECTION CHECKLIST</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK</strong></td>
</tr>
<tr>
<td><strong>- CAS 15-23-03, CONTAMINATED SUMP, PIPING</strong></td>
</tr>
</tbody>
</table>

**G. VERIFICATION**

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 1/29/2010</th>
</tr>
</thead>
</table>

**Printed Name:** Thomas A. Thielen (or designee)

**Distribution:** Original - Task Manager
## POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/1/10 11:50 AM</th>
<th>Reason for Inspection:</th>
<th>Approach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/7/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Approach</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

**Chief Inspector:** Glenn Richardson  
**Title:** Project Manager

**Assistant Inspector:** Dudley Emer  
**Title:** So Scientist

---

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
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<tr>
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</tbody>
</table>

1. Has the Post-Closure Plan been reviewed? |
2. Have the previous inspection reports been reviewed? |
3. Were anomalies or trends detected on previous inspections? |
4. Were maintenance or repairs performed since last inspection? |

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

### D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
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<tbody>
<tr>
<td></td>
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</tbody>
</table>

1. Site markers:

   a. Is the fence damaged? |
   b. Have any posts been damaged or their anchoring weakened? |
## POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are any of the fourteen (14) use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are all use restriction signs legible?</td>
<td></td>
<td></td>
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<tr>
<td>e. Do all signs have the required wording on the signs (check wording on all signs):</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WARNING
Radiologically Contaminated Area  
FFACO Site CAU 545/CAS 03-08-03  
CAS 03-08-03 Mud Disposal Site  
No activities that alter or modify the containment control are permitted without U.S. Government permission.  
Before working in this area,  
Contact Real Estate Services at 295-2528

<table>
<thead>
<tr>
<th>f. How many signs need to be replaced?</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>2. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
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<td></td>
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</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th>1. Are more frequent inspections required?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Are existing maintenance/repair actions satisfactory?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3. Are maintenance/repair actions necessary?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes, if “yes”, describe in Field conclusions/recommendations</td>
</tr>
</tbody>
</table>

### 4. Field conclusions/recommendations:

Site is in good condition  
No issues noted

---

Page 2 of 3
### POST-CLOSURE INSPECTION CHECKLIST

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

#### F. CERTIFICATION

I have conducted an inspection of CAS 03-08-03, Mud Disposal Site, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/ : Glenn Richardson  
Date: 11/1/10  
Printed Name: Glenn Richardson  
Title: Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU545\2010\CAU 545 CAS 03-08-03 Inspection)

**Distribution:** Original – Industrial Sites Project Manager  
Copy – Task Manager

#### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/24/2010  
Printed Name: Thomas A. Hilde (or designee)

**Distribution:** Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

CAU 545: DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS
CAS 03-23-05, EUROPIUM DISPOSAL SITE

<table>
<thead>
<tr>
<th>Inspection Date and Time: 11/1/10 18:00</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection: 12/10/09</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
<tr>
<td>Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada</td>
<td></td>
</tr>
<tr>
<td>Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project</td>
<td></td>
</tr>
<tr>
<td>Chief Inspector: Eddie Richardson</td>
<td>Title: Task Manager</td>
</tr>
<tr>
<td>Assistant Inspector: Dudley Emer</td>
<td>Title: Sr. Scientist</td>
</tr>
</tbody>
</table>

A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

D. SITE INSPECTION

- The site inspection to certify that postings are in place, intact, and readable. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers (northwest fenced area):
   - Is the fence damaged? YES NO EXPLANATION (required if shaded box is checked)
   - Have any posts been damaged or their anchoring weakened?
<table>
<thead>
<tr>
<th>POST-CLOSURE INSPECTION CHECKLIST</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAU 545: DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS</td>
</tr>
<tr>
<td>CAS 03-23-05, EUROPIUM DISPOSAL SITE</td>
</tr>
</tbody>
</table>

1. Site markers (northwest fenced area), continued:
   - c. Are any of the four (4) use restriction signs damaged or missing??
   - d. Are all use restriction signs legible?
   - e. Do all signs have the required wording on the signs (check wording on all signs):

   **WARNING**
   Radiologically Contaminated Area
   FFCAC Site CAU 545/CAS 03-23-05
   CAS 03-23-05 Europium Disposal Site
   No activities that alter or modify the containment control are permitted without U.S. Government permission.
   Before working in this area,
   Contact Real Estate Services at 295-2528

   f. How many signs need to be replaced?
   

2. Site markers (southern fenced area):
   - a. Is the fence damaged?
   - b. Have any posts been damaged or their anchoring weakened?
   - c. Are any of the three (3) use restriction signs damaged or missing??
   - d. Are all use restriction signs legible?
   - e. Do all signs have the required wording on the signs (check wording on all signs):

   **WARNING**
   Radiologically Contaminated Area
   FFCAC Site CAU 545/CAS 03-23-05
   CAS 03-23-05 Europium Disposal Site
   No activities that alter or modify the containment control are permitted without U.S. Government permission.
   Before working in this area,
   Contact Real Estate Services at 295-2528

   f. How many signs need to be replaced?
   

Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - a. Have photographs been taken of the site?
     If yes, how many photos were taken?
     If yes, has a photographic log been prepared?
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 545: DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS**  
**CAS 03-23-05, EUROPUMI DISPOSAL SITE**

<table>
<thead>
<tr>
<th>E. FIELD CONCLUSIONS</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td></td>
<td>If “yes”, describe below</td>
</tr>
<tr>
<td>4. Field conclusions/recommendations:</td>
<td>Site is in good condition</td>
<td></td>
<td>No issues noted</td>
</tr>
</tbody>
</table>

## F. CERTIFICATION

I have conducted an inspection of CAS 03-23-05, Europium Disposal Site, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 11/1/10

Printed Name: Glenn Richardson  
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 545 2010\CAU 545 CAS 03-23-05 Inspection)

Distribution: Original – Industrial Sites Project Manager  
Copy – Task Manager

## G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 11/11/10

Printed Name: Thomas A. Yehle (or designee)

Distribution: Original – Task Manager
**POST-CLOSURE INSPECTION CHECKLIST**

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/05/10 11:50 AM</th>
<th>Reason for Inspection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/10/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
</tbody>
</table>

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

Chief Inspector: **Glenn Richardson**  
Title: **Tack Manager**

Assistant Inspector: **David Emer**  
Title: **Sr. Scientist**

**A. GENERAL INSTRUCTIONS**
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

**B. PREPARATION** (To be competed prior to site visit)  
<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

**C. SITE INSPECTION PREPARATION**
Assemble the following, as needed, to conduct inspections:

a. Radio, pager, etc.
b. Camera, digital storage drive, and extra batteries
c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
d. Tape measure  
e. Other miscellaneous support equipment

**D. SITE INSPECTION**
- 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. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Are any of the use restriction signs damaged or missing?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are all use restriction signs legible?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 1 of 3
## POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):
   - **YES** | **NO** | EXPLANATION (required if shaded box is checked)
   a. How many signs need to be replaced?
   - 0

2. Use-restricted area:
   - **YES** | **NO** | EXPLANATION (required if shaded box is checked)
   a. Is there evidence of human intrusion onto the site?
   - ✔

### Photograph Instructions:
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:
   - **YES** | **NO** | EXPLANATION
   a. Have photographs been taken of the site?
   - 
   If yes, how many photos were taken?
   - 
   If yes, has a photographic log been prepared?
   - 

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required?
   - ☐

2. Are existing maintenance/repair actions satisfactory?
   - ✔

3. Are maintenance/repair actions necessary?
   - ☐ If "yes", describe below

4. Field conclusions/recommendations:
   - Site is in good condition; no issues

---

Page 2 of 3
**F. CERTIFICATION**

I have conducted an inspection of 09-20-01, Injection Well, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

<table>
<thead>
<tr>
<th>Chief Inspector's Signature: /s/: Glenn Richardson</th>
<th>Date: 10/25/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Glenn Richardson</td>
<td>Title: Task Manager</td>
</tr>
</tbody>
</table>

**Required Attachments:**
- Field Notes (if any)
- Photos (or note File Location: SANTSFER Share \Photos\CAU 546 \10-25-2010 CAU 546 CAU09-20-01)

**Distribution:**
- Original – Industrial Sites Project Manager
- Copy – Task Manager

**G. VERIFICATION**

I have reviewed this checklist and attachments and have verified that it is complete.

<table>
<thead>
<tr>
<th>Signature: /s/: Reed Poderis</th>
<th>Date: 12/29/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A. (or designee)</td>
<td></td>
</tr>
</tbody>
</table>

**Distribution:**
- Original – Task Manager
# 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**  
**CAS 12-06-08, MUCKPILE**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/11/10 11:25</th>
<th>Reason for Inspection:</th>
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</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/10/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTDc Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Assistant Inspector:** Dudley Emer  
**Title:** Task Manager  
**Title:** So. Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADEd BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Were maintenance or repairs performed since last inspection?

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

## D. SITE INSPECTION

- The checklist should be completed during the site inspection. *In addition to the inspection items noted in the checklist, the general condition of the access road and drainage below the E-Tunnel turnoff culvert will also be inspected.*
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

1. Site markers:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   a. Have any posts been damaged or their anchoring weakened?
# 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  
CAS 12-06-08, MUCKPILE

## D. SITE INSPECTION (continued)

1. Site markers (continued):
   - **b.** Are any of the thirteen (13) use restriction signs damaged or missing?  
     - *YES*  
     - *NO*  
     - **EXPLANATION** (required if shaded box is checked):  
       - 7 signs down (will dam aed T - Posts)
   - **c.** Are all use restriction signs legible?  
     - *YES*  
     - *NO*  
     - **EXPLANATION** (required if shaded box is checked):  
       - 1 faded sign
   - **d.** How many signs need to be replaced?  
     - *YES*  
     - *NO*  
     - **EXPLANATION** (required if shaded box is checked):

2. Adjacent off-site features:
   - **a.** Are both runoff diversion berms in place and functioning as designed (i.e., diverting runoff out of the basin)?  
     - *YES*  
     - *NO*  
     - **EXPLANATION** (required if shaded box is checked):
   - **b.** E-Tunnel runoff culvert – is there visible evidence of sediment migrating past the culvert?  
     - *YES*  
     - *NO*  
     - **EXPLANATION** (required if shaded box is checked):
   - **c.** Were photos taken to document migration or non-migration past the culvert?  
     - *YES*  
     - *NO*  
     - **EXPLANATION** (required if shaded box is checked):
   - **d.** At the access road and drainage below the E-Tunnel runoff culvert – is there evidence that sediment from within the use restricted area is migrating to outside of the use restricted area?  
     - *YES*  
     - *NO*  
     - **EXPLANATION** (required if shaded box is checked):  
       - If “yes”, describe, and the Task Manager must complete the “Follow-up Actions” (not part of checklist)
   - **e.** What is the general condition of the access road and drainage below the E-Tunnel runoff culvert?  
     - Road and drainage area in good shape with no issues

---

**Photograph Instructions:**
- *Photographs must be taken to document whether there is visible evidence of sediment migrating past the E-Tunnel runoff culvert.*
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

## 3. Photograph Documentation:

- **a.** Have photographs been taken of the site?  
  - *YES*  
  - *NO*  
  - **EXPLANATION** (required if shaded box is checked):

  If yes, how many photos were taken?  
  - *YES*  
  - *NO*  
  - **EXPLANATION** (required if shaded box is checked):

  If yes, has a photographic log been prepared?  
  - *YES*  
  - *NO*  
  - **EXPLANATION** (required if shaded box is checked):
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
CAS 12-06-08, MUCKPILE

E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Are more frequent inspections required?
2. Are existing maintenance/repair actions satisfactory?
3. Are maintenance/repair actions necessary?
   If "yes", describe below
4. Field conclusions/recommendations:
   Site being closed in good condition.
   Tasks to be completed:
   1. Final Site form to be completed.
   2. Site abandonment form to be completed.
   3. Site to be cleaned up.
   4. Site to be ready for turnover.

F. CERTIFICATION

I have conducted an inspection of CASs 12-01-09, Aboveground Storage Tank and Stain, 12-06-05, U-12b Muckpile, 12-06-07, Muckpile, and 12-06-08. Muckpile, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  Date: 10/11/10
Printed Name: Glenn Richardson  Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 551\2010\10-11-2010 CAU 551 Inspection)

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  Date: 12/11/2010
Printed Name: Thomas A. Thiel (or designee)

Distribution: Original – Task Manager
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 552: AREA 12 MUCKPILE AND PONDS - CAS 12-23-05, PONDS**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/11/10 10:50</th>
<th>Reason for Inspection:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/9/09 10</td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

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

**Chief Inspector:** Glenn Richardson  
**Assistant Inspector:** Daelen Emer

**Title:** Task Manager  
**Title:** Sr. Scientist

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADeD BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed?  
2. Have the previous inspection reports been reviewed?  
3. Were anomalies or trends detected on previous inspections?  
4. Were maintenance or repairs performed since last inspection?  
5. Has closure of the G-Tunnel muckpile been completed?

**Ex: Barbed wire repaired**

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

### D. SITE INSPECTION

- **The annual inspection is of fencing and postings, to ensure that demarcation and postings are in good condition and that all signs are legible.** The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Site markers:
   - a. Is there damage to the fence or wire rope?
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 552: AREA 12 MUCKPILE AND PONDS - CAS 12-23-05, PONDS**

1. Site markers (continued):
   - b. Have any posts been damaged or their anchoring weakened?  
     - Yes: [ ]  
     - No: [ ]  
     - **EXPLANATION:** (required if shaded box is checked)
   - c. Are any of the radiological posting signs damaged or missing?  
     - Yes: [ ]  
     - No: [ ]  
     - **EXPLANATION:** (required if shaded box is checked)
   - d. Are all radiological posting signs legible?  
     - Yes: [X]  
     - No: [ ]  
     - **EXPLANATION:** (required if shaded box is checked)
   - e. How many signs need to be replaced?  
     - Yes: [ ]  
     - No: [ ]  
     - **EXPLANATION:** (required if shaded box is checked)

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

2. Photograph Documentation:
   - a. Have photographs been taken of the site?  
     - Yes: [X]  
     - No: [ ]  
     - **EXPLANATION:**
   - If yes, how many photos were taken?  
     - Yes: [ ]  
     - No: [ ]  
     - **EXPLANATION:**
   - If yes, has a photographic log been prepared?  
     - Yes: [X]  
     - No: [ ]  
     - **EXPLANATION:**

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required?  
   - Yes: [ ]  
   - No: [X]  

2. Are existing maintenance/repair actions satisfactory?  
   - Yes: [X]  
   - No: [ ]

3. Are maintenance/repair actions necessary?  
   - Yes: [ ]  
   - No: [X]  
   - **EXPLANATION:** If "yes", describe below

4. Field conclusions/recommendations:  
   - Site is in good condition.
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 552: AREA 12 MUCKPILE AND PONDS - CAS 12-23-05, PONDS**

#### F. CERTIFICATION

I have conducted an inspection of CAS 12-23-05, Ponds, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 10/11/10

Printed Name: Glenn Richardson  
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note file location: S:\NTS\ER Share\Photos\CAU 552\2010\10-11-2010 CAU 552 CAS 12-23-05 Inspection)

**Distribution:**  
Original – Industrial Sites Project Manager  
Copy – Task Manager

#### G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/29/2016

Printed Name: Thomas A. Thiele (or designee)

**Distribution:**  
Original – Task Manager
POST-CLOSURE INSPECTION CHECKLIST

CAU 554: AREA 23 RELEASE SITE - CAS 23-02-08, USTS 23-115-1,2,3/SPILL NO. 530-90-002

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/22/10 4:05 PM</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>12/15/09</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
<tr>
<td>Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chief Inspector:</td>
<td>Glenn Richardson</td>
<td>Title:</td>
<td>Task Manager</td>
</tr>
<tr>
<td>Assistant Inspector:</td>
<td>None</td>
<td>Title:</td>
<td></td>
</tr>
</tbody>
</table>

A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

B. PREPARATION (To be competed prior to site visit)

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>√</td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>√</td>
<td></td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>√</td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since last inspection?</td>
<td>√</td>
<td></td>
</tr>
</tbody>
</table>

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

a. Radio, pager, etc.
b. Camera, digital storage drive, and extra batteries
c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
d. Tape measure
e. Other miscellaneous support equipment

D. SITE INSPECTION

- The site inspection to certify that postings are in place, intact, and readable. The checklist should be completed during the site inspection.
- 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. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. 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.

<table>
<thead>
<tr>
<th>1. Site markers:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td>√</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Are any of the four (4) use restriction signs damaged or missing?</td>
<td>√</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 554: AREA 23 RELEASE SITE - CAS 23-02-08, USTS 23-115-1,2,3/SPILL NO. 530-90-002**

<table>
<thead>
<tr>
<th>1. Site markers (continued):</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Do all signs have the required wording on the signs (check wording on all signs):</td>
<td><img src="warning-sign.png" alt="Image of warning sign" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WARNING</td>
<td>Underground contamination below 10 ft bgs</td>
<td><img src="warning-sign.png" alt="Image of warning sign" /></td>
<td></td>
</tr>
<tr>
<td>FFACO Site CAU 554/CAS 23-02-08</td>
<td><img src="warning-sign.png" alt="Image of warning sign" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Area 23 Release Site</td>
<td><img src="warning-sign.png" alt="Image of warning sign" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No activities that alter or modify the containment control are permitted without U.S. Government permission.</td>
<td><img src="warning-sign.png" alt="Image of warning sign" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Before working in this area,</td>
<td><img src="warning-sign.png" alt="Image of warning sign" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contact Real Estate Services at 295-2528</td>
<td><img src="warning-sign.png" alt="Image of warning sign" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many signs need to be replaced?</td>
<td>☐</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are both brass plates intact and readable?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. Does one of the brass plates have the following information?</td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N=4057626.5899</td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E=589824.0218</td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAU 554 / CAS 23-02-08</td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. Does the other brass plates have the following information?</td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N=4057626.3785</td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E=589878.0879</td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAU 554 / CAS 23-02-08</td>
<td><img src="brass-plate.png" alt="Image of brass plate" /></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomolous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

<table>
<thead>
<tr>
<th>2. Photograph Documentation:</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Have photographs been taken of the site?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

| 1. Are more frequent inspections required? | YES | NO | EXPLANATION (required if shaded box is checked) |
| 2. Are existing maintenance/repair actions satisfactory? | ✔  |    |            |
| 3. Are maintenance/repair actions necessary? | ✔  |    | If “yes”, describe in “Field conclusions/recommendations” |

Page 2 of 3
POST-CLOSURE INSPECTION CHECKLIST

CAU 554: AREA 23 RELEASE SITE - CAS 23-02-08, USTS 23-115-1,2,3/SPILL NO. 530-90-002

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations: **Overall site conditions are good. No corrective actions are necessary.**

F. CERTIFICATION

I have conducted an inspection of CAS 23-02-08, USTS 23-115-1,2,3/Spill No. 530-90-002, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson  
Date: 11/22/10

Printed Name: Glenn Richardson  
Title: Task Manager

Required Attachments:
- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 554\2010\11-22-2010 CAU 554 Spill 23-02-08 Inspection

Distribution: Original – Industrial Sites Project Manager  
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis  
Date: 12/29/2010

Printed Name: Thomas A. Medal (or designee)

Distribution: Original – Task Manager
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 560, SEPTIC SYSTEMS – CAS 06-05-03, LEACH PIT; AND CAS 06-05-04, LEACH BED**

**Inspection Date and Time:** 11/9/10 1:25PM  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** None  
**Reason for Last Post-Closure Inspection:** None - N/A

**Responsible Entity:** NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

**Chief Inspector:** Glenn Richardson  
**Title:** Task Manager

**Assistant Inspector:** Dudley Emer  
**Title:** Sr. Scientist

## A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information and/or appropriate references to other documents that have the information.
- All documentation must be legible and clear.

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

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Have the previous inspection reports been reviewed?</td>
<td>✓</td>
<td>✓</td>
<td>N/A &quot;1st Annual Inspection&quot;</td>
</tr>
<tr>
<td>3. Were anomalies or trends detected on previous inspections?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repairs performed since the last inspection?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION
Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Other miscellaneous support equipment

## D. SITE INSPECTION

- 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. The checklist should be completed during the site inspection.
- 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.

<table>
<thead>
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<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site markers:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>b. Are all use restriction signs legible?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>c. Are any use restriction signs damaged or missing?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>d. How many damaged or missing signs need to be replaced?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>e. Are any use restriction signs down?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>f. How many down signs need to be re-hung?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Use-restricted area:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 560, SEPTIC SYSTEMS – CAS 06-05-03, LEACH PIT; AND CAS 06-05-04, LEACH BED**

**Photograph Instructions:**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

**3. Photograph Documentation:**

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### a. Have photographs been taken of the site?
- Yes, how many photos were taken?
- Yes, has a photographic log been prepared?

---

**E. FIELD CONCLUSIONS**

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Are more frequent inspections required?
2. Are existing maintenance/repair actions satisfactory?
3. Are maintenance/repair actions necessary?
4. Field conclusions/recommendations: The UR signs are readable and in great condition. The T-posts are sturdy and intact. There are no issues or concerns. Site access is currently maintained by a combination lock.

---

**F. CERTIFICATION**

I have conducted an inspection of CAS 06-05-03, Leach Pit; and CAS 06-05-04, Leach Bed, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

**Chief Inspector's Signature:** /s/: Glenn Richardson  
**Date:** 11/9/10

**Printed Name:** Glenn Richardson  
**Title:** Task Manager

**Required Attachments:**
- Field Notes (if any)
- Photos  
(or note File Location: S:\NTS\ER Share: Photos\CAU_560\2010\11-9-2010 CAU 560 CAS 06-05-03 Inspection)  
(S:\NTS\ER Share: Photos\CAU_560\2010\11-9-2010 CAU 560 CAS 06-05-04)

---

**G. VERIFICATION**

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

**Signature:** /s/: Reed Poderis  
**Date:** 12/29/10

**Printed Name:** Thomas A. Filardo (or designee)