MAY 16 2012

Tim Murphy, Chief
Bureau of Federal Facilities
Division of Environmental Protection
2030 East Flamingo Road, Suite 230
Las Vegas, NV 89119-0818

SUBMITTAL OF THE FINAL POST-CLOSURE INSPECTION LETTER REPORT FOR
CORRECTIVE ACTION UNITS (CAUs) ON THE NEVADA NATIONAL SECURITY SITE
(NNSS), MAY 2012

This letter serves as the post-closure inspection letter report for CAUs on the NNSS for
Calendar Year 2011.

INDUSTRIAL SITES
The following use restricted sites were closed under the Industrial Sites Activity.

CAU 5, Landfills
Eight Corrective Action Sites (CASs) in CAU 5 require inspections. CAS 05-15-01,
CAS 06-15-02, and CAS 06-15-03 were inspected on November 8, 2011. CAS 05-16-01 and
CAS 06-08-01 were inspected on November 14, 2011. CAS 12-15-01 and CAS 20-15-01 were
inspected on October 18, 2011. CAS 23-15-03 was inspected on December 12, 2011.

During the previous inspections performed for Calendar Year 2010, 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. Minor fence repair was required at CAS 12-15-01. Sign and fence maintenance
was completed in March and April of 2011. During the 2011 inspections, one T-post was
damaged at CAS 23-15-03, and several signs were down at CAS 06-08-01, CAS 06-15-02,
CAS 06-15-03, and CAS 23-15-03. Sign and T-post maintenance will be completed in 2012. No
other issues were identified.

The CASs in CAU 5 require annual inspections for the first 5 years after closure and once every
5 years thereafter for a total of 30 years. The sites have been inspected annually for the past
5 years and will not be inspected again until 2016.

CAU 113, Area 25 R-MAD Facility
One CAS in CAU 113 requires inspection. CAS 25-41-01 was inspected on December 19, 2011.
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 inspection. CAS 25-41-04 was inspected on December 20, 2011.
No issues were identified, and no maintenance or repairs were required.
CAU 116, Area 25 Test Cell C Facility
One CAS in CAU 116 requires inspection. CAS 25-41-05 was inspected on December 20, 2011. No issues were identified, and no maintenance or repairs were required.

CAU 118, Area 27 Super Kukla Facility
One CAS in CAU 118 requires inspection. CAS 27-41-01 was inspected on December 20, 2011. During the previous inspection performed for Calendar Year 2010, minor fence repair was required. Fence maintenance was completed in March 2011. During the 2011 inspection, no issues were identified, and no maintenance or repairs were required.

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 December 19, 2011. One sign was down and one sign was loose at CAS 25-01-07. Sign maintenance will be completed in 2012. No other issues were identified.

CAU 137, Waste Disposal Sites
Four CASs in CAU 137 require inspections. CAS 01-08-01 and CAS 07-23-02 were inspected on November 8, 2011. CAS 12-08-01 and CAS 12-23-07 were inspected on October 18, 2011. During the previous inspections performed for Calendar Year 2010, several faded signs needed to be replaced at CAS 07-23-02, CAS 12-08-01, and CAS 12-23-07. Sign maintenance was completed in April and May 2011. During the 2011 inspections, three faded signs needed to be replaced and one sign was loose at CAS 01-08-01. Sign maintenance will be completed in 2012. 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 8, 2011. CAS 09-23-01 was inspected on November 1, 2011. During the previous inspections performed for Calendar Year 2010, minor fence repair was required at CAS 09-23-01. Fence maintenance was completed in March 2011. During the 2011 inspections, minor fence repair was required at CAS 09-23-01. Fence maintenance will be completed in 2012. 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 was inspected on November 8, 2011. CAS 23-17-01 was inspected on December 12, 2011. During the previous inspections performed for Calendar Year 2010, one sign was loose at CAS 05-23-01, and one sign was down at CAS 23-17-01. Minor fence repair was required at CAS 05-23-01. Sign and fence maintenance was completed in March 2011. During the 2011 inspections, no issues were identified, and no maintenance or repairs were required.

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 December 19, 2011. During the previous inspections performed for Calendar Year 2010, one sign was down at CAS 25-23-09. Sign maintenance was completed in April 2011. During the 2011
inspections, four signs were down, one sign was loose, and two missing signs and one damaged sign needed to be replaced at CAS 25-23-09. Sign maintenance will be completed in 2012. No other issues were identified.

**CAU 145, Wells and Storage Holes**
One CAS in CAU 145 requires inspection. CAS 03-25-01 was inspected on November 8, 2011. One sign was down. Sign maintenance will be completed in 2012. No other issues were identified.

**CAU 151, Septic Systems and Discharge Area**
One CAS in CAU 151 requires inspection. CAS 12-03-01 (Lagoon A) was inspected on October 18, 2011. 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 inspection. CAS 25-20-01 was inspected on December 19, 2011. One sign was loose. Sign maintenance will be completed in 2012. No other issues were identified.

**CAU 168, Area 25 and 26 Contaminated Materials and Waste Dumps**
Three CASs in CAU 168 require inspections. CAS 25-16-03, CAS 25-23-02, and CAS 25-99-16 were inspected on December 19, 2011. One sign was down at CAS 25-23-02. Sign maintenance will be completed in 2012. No other issues were identified.

These three CASs in CAU 168 require annual inspections for the first 5 years after closure and once every 5 years thereafter for a total of 30 years. The sites have been inspected annually for the past 5 years and will not be inspected again until 2016.

**CAU 204, Storage Bunkers**
Five CASs in CAU 204 require inspections. CAS 01-34-01, CAS 03-34-01, and CAS 05-33-01 were inspected on November 8, 2011. CAS 02-34-01 was inspected on October 24, 2011. CAS 05-18-02 was inspected on November 14, 2011. 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 inspection. CAS 25-23-06 was inspected on December 19, 2011. 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 inspection. CAS 25-05-01 was inspected on December 20, 2011. Two signs were loose. Sign maintenance will be completed in 2012. No other issues were identified.

**CAU 262, Area 25 Septic Systems and UDP**
Three CASs in CAU 262 require inspections. CAS 25-02-06 and CAS 25-05-08 were inspected on December 20, 2011. CAS 25-05-03 was inspected on December 19, 2011. During the previous inspections performed for Calendar Year 2010, one faded sign needed to be replaced at
CAS 25-02-06. Sign maintenance was completed in June 2011. During the 2011 inspections, three signs were down at CAS 25-05-03, and one obsolete sign needed to be replaced at CAS 25-05-08. Sign maintenance will be completed in 2012. 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 19, 2011. 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 inspection. CAS 03-20-05 was inspected on November 8, 2011. During the previous inspections performed for Calendar Year 2010, two signs were down, and minor fence repair was required. Sign and fence maintenance was completed in March 2011. During the 2011 inspection, no issues were identified, and no maintenance or repairs were required.

CAS 03-20-05 requires annual inspections for the first 5 years after closure and once every 5 years thereafter for a total of 30 years. The site has been inspected annually for the past 5 years and will not be inspected again until 2016.

**CAU 333, U-3auS Disposal Site**
One CAS in CAU 333 requires inspection. CAS 03-16-01 was inspected on November 8, 2011. Minor fence repair was required. Fence maintenance will be completed in 2012. No other issues were identified.

CAS 03-16-01 requires inspection every 5 years until 2026. The site will not be inspected again until 2016.

**CAU 357, Mud Pits and Waste Dump**
Three CASs in CAU 357 require inspections. CAS 04-26-03 and CAS 10-09-06 were inspected on November 1, 2011. CAS 25-15-01 was inspected on December 19, 2011. No issues were identified, and no maintenance or repairs were required.

**CAU 528, Polychlorinated Biphenyls Contamination**
One CAS in CAU 528 requires inspection. CAS 25-27-03 was inspected on December 19, 2011. Three signs were down, three signs were loose, and one T-post was damaged. Sign and T-post maintenance will be completed in 2012. No other issues were identified.

CAS 25-27-03 requires annual inspections for the first 5 years after closure and once every 5 years thereafter for a total of 30 years. The site has been inspected annually for the past 5 years and will not be inspected again until 2016.

**CAU 529, Area 25 Contaminated Materials**
One CAS in CAU 529 requires inspection. CAS 25-23-17 was inspected on December 19, 2011. During the previous inspections performed for Calendar Year 2010, two signs were missing, and minor fence repair was required. Sign and fence maintenance were completed in May 2011.
During the 2011 inspection, two missing signs needed to be replaced. Sign maintenance will be completed in 2012. No other issues were identified.

CAU 539, Areas 25 and 26 Railroad Tracks
One CAS in CAU 539 requires inspection. CAS 25-99-21 was inspected on December 19, 2011. No issues were identified, and no maintenance or repairs were required.

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 8, 2011. During the previous inspections performed for Calendar Year 2010, several faded signs needed to be replaced at CAS 03-20-09, CAS 03-20-10, and CAS 06-20-03. Sign maintenance was completed in May 2011. During the 2011 inspections, no issues were identified, and no maintenance or repairs were required.

CAU 543, Liquid Disposal Units
Three CASs in CAU 543 require inspections. CAS 06-07-01 was inspected on November 8, 2011. CAS 15-01-03 and CAS 15-23-03 were inspected on October 27, 2011. During the previous inspections performed for Calendar Year 2010, three signs were missing and minor fence repair was required at CAS 15-01-03 and CAS 15-23-03. Sign and fence maintenance was completed in April 2011. During the 2011 inspections, minor fence repair was required at CAS 06-07-01, CAS 15-01-03, and CAS 15-23-03. Fence maintenance will be completed in 2012. No other issues were identified.

CAU 544, Cellars, Mud Pits, and Oil Spills
One CAS in CAU 544 requires inspection. CAS 20-25-04 was inspected on October 18, 2011. Two T-posts were damaged, and minor fence repair was required. T-post and fence maintenance will be completed in 2012. 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 8, 2011. Several faded signs needed to be replaced at CAS 03-08-03 and CAS 03-23-05, and minor fence repair were required at CAS 03-08-03. Sign and fence maintenance will be completed in 2012. No other issues were identified.

CAU 546, Injection Well and Surface Releases
One CAS in CAU 546 requires inspection. CAS 09-20-01 was inspected on October 27, 2011. 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 November 14, 2011. During the previous inspections performed for Calendar Year 2010, two signs were down, and one faded sign needed to be replaced.
Sign maintenance was completed in May 2011. During the 2011 inspections, four faded signs and one missing sign needed to be replaced. Sign maintenance will be completed in 2012. No other issues were identified.

**CAU 552, Area 12 Muckpile and Ponds**
One CAS in CAU 552 requires inspection. CAS 12-23-05 was inspected on October 18, 2011. One sign was loose. Sign maintenance will be completed in 2012. No other issues were identified.

**CAU 554, Area 23 Release Site**
One CAS in CAU 554 requires inspection. CAS 23-02-08 was inspected on December 12, 2011. 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 8, 2011. One missing sign and one damaged sign needed to be replaced. Sign maintenance will be completed in 2012. No other issues were identified.

**CAU 561, Waste Disposal Areas**
One CAS in CAU 561 requires inspection. CAS 02-08-02 was inspected on October 24, 2011. No issues were identified, and no maintenance or repairs were required.

**CAU 566, EMAD Compound**
One CAS in CAU 566 requires inspection. CAS 25-99-20 was inspected on December 19, 2011. No issues were identified, and no maintenance or repairs were required.

**SOILS SITES**
The following use restricted sites were closed under the Soils Activity.

**CAU 107, Low Impact Soil Sites**
Two CASs in CAU 107 require inspections. CAS 03-23-29 was inspected on November 8, 2011. CAS 18-23-02 was inspected on October 3, 2011. During the previous inspections performed for Calendar Year 2010, minor fence repair was required at CAS 03-23-29. Fence maintenance was completed in May 2011. During the 2011 inspection, no issues were identified, and no maintenance or repairs were required.

**CAU 365, Baneberry Contamination Area**
One CAS in CAU 365 requires inspection. CAS 08-23-02 was inspected on November 1, 2011. No issues were identified, and no maintenance or repairs were required.

**CAU 367, Area 10 Sedan, Ess and Uncle Unit Craters**
Three CASs in CAU 367 require inspections. CAS 10-45-01, CAS 10-45-02, and CAS 10-45-03 were inspected on October 27, 2011. No issues were identified, and no maintenance or repairs were required.
CAU 370, T-4 Atmospheric Test Site
One CAS in CAU 370 requires inspection. CAS 04-23-01 was inspected on November 14, 2011. During the previous inspections performed for Calendar Year 2010, two signs were down, and minor fence repair was required. Sign and fence maintenance was completed in April and November 2011. During the 2011 inspections, seven signs were down, one sign was loose, and minor fence repair was required. Sign and fence maintenance will be completed in 2012. 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 14, 2011. CAS 18-45-01 was inspected on October 3, 2011. Several signs needed to be replaced at CAS 11-23-05. Sign maintenance will be completed in 2012. No other issues were identified.

CAU 372, Area 20 Cabriolet/Palanquin Unit Craters
Four CASs in CAU 372 require inspections. CAS 18-45-02 and CAS 18-45-03 were inspected on October 3, 2011. CAS 20-23-01 and CAS 20-45-01 were inspected on October 6, 2011. Minor fence repair was required at CAS 18-45-02 and CAS 18-45-03, one sign was loose at CAS 18-45-03, and two T-posts were damaged at CAS 18-45-03. Sign, fence, and T-post maintenance will be completed in 2012. No other issues were identified.

CAU 374, Area 20 Schooner Unit Crater
Two CASs in CAU 374 require inspections. CAS 18-23-01 was inspected on October 3, 2011. CAS 20-45-03 was inspected on October 6, 2011. Minor fence repair was required at CAS 18-23-01. Fence maintenance will be completed in 2012. No other issues were identified.

CAU 375, Area 30 Buggy Unit Craters
Two CASs in CAU 375 require inspections. CAS 25-23-22 was inspected on December 20, 2011. CAS 30-45-01 was inspected on October 3, 2011. One T-post was loose and minor fence repair was required at CAS 30-45-01. Sign and fence maintenance will be completed in 2012. No other issues were identified.

DEFENSE THREAT REDUCTION AGENCY (DTRA) SITES
The following use restricted sites were closed by 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 November 14, 2011. One sign was down and minor fence repair was required. Sign and fence maintenance will be completed in 2012. No other issues were identified.

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 inspection. 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 19, 2011. No issues were identified, and no maintenance or repairs were required.
CAU 477, Area 12 N-Tunnel Muckpile
One CAS in CAU 477 requires inspection. CAS 12-06-03 was inspected on October 18, 2011. During the previous inspections performed for Calendar Year 2010, it was noted that the wording on the sign had been altered. Sign maintenance was completed in April 2011. During the 2011 inspection, no issues were identified, and no maintenance or repairs were required.

CAU 478, Area 12 T-Tunnel Ponds
One CAS in CAU 478 requires inspection. CAS 12-23-01 was inspected on October 19, 2011. During the previous inspections performed for Calendar Year 2010, minor fence repair was required. Fence maintenance was completed in May 2011. During the 2011 inspection, no issues were identified, and no maintenance or repairs were required.

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 27, 2011. 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 Lantow, of my staff, at (702) 295-7645.

/s/: Robert F. Boehlecke

Environmental Management
Operations Activity Manager
cc w/encl.:
J. J. MacDougall, NDEP, Las Vegas, NV (2 electronic copies)
Northern Nevada Public Reading Facility, Carson City, NV (1 electronic copy)
Southern Nevada Public Reading Facility, Las Vegas, NV (2 electronic copies)
R. A. King, NSTec, Las Vegas, NV
NSTec STI Point of Contact, MS NLV051 (electronic copy to OSTI)
NSTec Correspondence Control, MS NLV008
Technical Library, NNSA/NSO, Las Vegas, NV (electronic copy)

cc w/o encl:
J. T. Fraher, DTRA/CXTS, Kirtland AFB, NM
H. S. Page, NDEP, Las Vegas, NV
T. M. Zaferatos, NDEP, Las Vegas, NV
N-I Central Files, MS NSF 156
T. A. Lantow, ERP, 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 2011

May 2012
CAU 5: LANDFILLS
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 5, LANDFILLS – CAS 05-15-01, SANITARY LANDFILL**

**Inspection Date and Time:** 11/8/11 3:25pm  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/28/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor

### 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>Y</td>
<td>N</td>
<td>%S signs req'd &amp; T posts re-hung</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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transsects 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>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></td>
<td>Y</td>
<td>N</td>
<td>n/a</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>b. Are all use restriction signs legible?</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>c. Are any of the 11 use restriction signs damaged or missing?</th>
</tr>
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<tbody>
<tr>
<td>YES</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>d. How many damaged or missing signs need to be replaced?</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>e. Are any use restriction signs down?</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>f. How many down signs need to be re-hung?</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 R 11/8/11</td>
</tr>
</tbody>
</table>

Page 1 of 2
## POST-CLOSURE INSPECTION CHECKLIST

### CAUS, LANDFILLS – CAS 05-15-01, SANITARY LANDFILL

<table>
<thead>
<tr>
<th>2. Waste Unit Cover:</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>YES</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>b. Is there evidence of erosion (wind or water)?</td>
<td>YES</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>c. Is there evidence of human intrusion onto the site?</td>
<td>YES</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion onto the site?</td>
<td>YES</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 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></td>
<td>File Location: S:\NTS\ER Share\Photos\CAU 005\2011\11-8-2011 Inpections</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></td>
</tr>
<tr>
<td>4. Is there an imminent hazard to the integrity of the landfill cover?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Field Conclusions/Recommendations:**

SITE AND MSE WALL IN GOOD CONDITION NO EVIDENCE OF EROSION OR SETTLING ON COVER.

No issues.

### 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/ Rebecca King

Date: 11/8/11

Printed Name: Rebecca King

Title: Proj. Mgr

### G. VERIFICATION:

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

Signature: /s/ Reed J. Poderis for TAT

Date: 11/21/11

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

**CAU 5, LANDFILLS – CAS 05-16-01, LANDFILL**

**Inspection Date and Time:** 11/14/11 11:05  
**Reason for Inspection:** Annual  

**Date of Last Post-Closure Inspection:** 11/22/10  
**Reason for Last Post-Closure Inspection:** Annual  

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager  

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor  

### 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>One downed sign was re-hung</td>
</tr>
<tr>
<td>4. Were maintenance or repair activities performed since the last inspection?</td>
<td>✓</td>
<td>✓</td>
<td>NA</td>
</tr>
<tr>
<td>a. If yes, has site repair resulted in a change from as-built conditions?</td>
<td>✓</td>
<td>✓</td>
<td>NA</td>
</tr>
<tr>
<td>b. If yes (to 4a), are revised as-built plans available that reflect repair changes?</td>
<td>✓</td>
<td>✓</td>
<td>NA</td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Pre-arrange access to the site with the Area 5 RWMS 1 week prior to the inspection so the activity can be added to their Plan of the Day  
- Radio, pager, etc.  
- Previous letter report, inspection checklists, repair records, and as-built plans  
- Camera, digital storage drive, extra batteries, and 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 East of Berm:
   
<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 sign 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>
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 5, LANDFILLS – CAS 05-16-01, LANDFILL

2. Waste Unit Cover East of Berm:
   - a. Is there evidence of settling? [YES] [NO] EXPLANATION (required if shaded box is checked)
   - b. Is there evidence of erosion (wind or water)? [YES] [NO]
   - c. Is there evidence of human intrusion onto the site? [YES] [NO]
   - d. Is there evidence of large animal intrusion onto the site? [YES] [NO]

3. Site Markers West of Berm:
   - 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? [YES] [NO]
   - c. Are all use restriction signs legible? [YES] [NO]
   - d. Are any use restriction signs damaged or missing? [YES] [NO]
   - e. How many damaged or missing signs need to be replaced? [0]
   - f. Are any use restriction signs down? [YES] [NO]
   - g. How many down signs need to be re-hung? [0]

4. Waste Unit Cover West of Berm:
   - a. Is there evidence of settling? [YES] [NO]
   - b. Is there evidence of erosion (wind or water)? [YES] [NO]
   - c. Is there evidence of human intrusion onto the site? [YES] [NO]
   - d. Is there evidence of large animal 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 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.

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

   **File Location:** S:\NTS\ER Share: Photos\Mar0109\2011\

### 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]
4. Is there an imminent hazard to the integrity of the landfill cover? [YES] [NO]
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 5, LANDFILLS - CAS 05-16-01, LANDFILL**

<table>
<thead>
<tr>
<th>5. Field Conclusions/Recommendations:</th>
<th>Signs and cover on both sides of berm are in good condition. Fencing in good condition. No issues.</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Chief Inspector’s Signature:</th>
<th>/s/ Rebecca King</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name:</td>
<td>Rebecca King</td>
</tr>
<tr>
<td>Date:</td>
<td>11/14/11</td>
</tr>
<tr>
<td>Title:</td>
<td>Project Manager</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Signature:</th>
<th>/s/ Reed J. Poderis for TAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date:</td>
<td>11/28/11</td>
</tr>
</tbody>
</table>

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

**CAU 5, LANDFILLS – CAS 06-08-01, LANDFILL**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/14/11 1:15 pm</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/9/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
<tr>
<td>Responsible Entity: NSTec Environmental Restoration, Nevada National Security 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: Rebecca King</td>
<td>Title: Project Manager</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assistant Inspector: Mike Floyd</td>
<td>Title: Field Supervisor</td>
<td></td>
<td></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></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 repair activities performed since the 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></td>
<td>NA</td>
</tr>
<tr>
<td>b. If yes (to 4a), are revised as-built plans available that reflect repair changes?</td>
<td>✓</td>
<td></td>
<td>NA</td>
</tr>
</tbody>
</table>

**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:
- **ER SKD66 key to access the site gate**
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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 around Fenced Area:

<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 the 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>
<tr>
<td>c. Is there damage to the fence or fence posts?</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 use restriction signs damaged or missing?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 5, LANDFILLS – CAS 06-08-01, LANDFILL**

<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>2. Waste Unit Cover in Fenced Area:</strong></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 onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3. Site Markers from Southern Boundary to Fence:</strong></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>0</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>
<tr>
<td><strong>4. Waste Unit Cover from Southern Boundary to Fence:</strong></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 onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal 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 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></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5. Photograph Documentation:</strong></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>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>E. FIELD CONCLUSIONS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<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>
</tbody>
</table>

File Location: S:\NTS\ER Share\Photos\CAU005\2011\11-14-2011_Inspectors.jpg

Page 2 of 3
POST-CLOSURE INSPECTION CHECKLIST

CAU 5, LANDFILLS – CAS 06-08-01, LANDFILL

3. Are maintenance/repair actions necessary?  
   Re-hang 4 UR Signs / remove 2 signs above at Fletcher fence

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

5. Field Conclusions/Recommendations:  
   All UR signs on eastern UR fence are down.
   2 additional signs are on the ground at the N-S trending fence outside the eastern UR fence. Require removal and retrieval to Mercury. These are extra signs that were apparently blown off in past.

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/: Rebecca King  
Date: 11/14/11

Printed Name: Rebecca King  
Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 11/27/11

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

**CAU 5, LANDFILLS -- CAS 06-15-02, SANITARY LANDFILL, AND CAS 06-15-03, SANITARY LANDFILL, BURN PIT**

**Inspection Date and Time:** 11/8/11 2:10 pm  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/9/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

<table>
<thead>
<tr>
<th>Chief Inspector</th>
<th>Rebecca King</th>
<th>Title: Project Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Inspector</td>
<td>Mike Floyd</td>
<td>Title: Field Supervision</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></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 abnormalities or trends detected on previous inspections?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repair activities performed since the 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
- Camera, digital storage drive, extra batteries, and 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>
<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>1 sign down with 1 post out of ground</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>0 signs</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>2</td>
<td></td>
</tr>
</tbody>
</table>

Page 1 of 2
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 5, LANDFILLS –**
**CAS 06-15-02, SANITARY LANDFILL, AND CAS 06-15-03, SANITARY LANDFILL, BURN PIT**

<table>
<thead>
<tr>
<th>2. Waste Unit Cover:</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 onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal 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 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. Photographic 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>3</td>
<td></td>
</tr>
</tbody>
</table>
| If yes, has a photographic log been prepared? | ✓ | | File Location: S:\NTS\ER\Share\Photos\CAU 005\2011\11-8-2011\Inspections

**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>reanchor post and re-hang 2 signs</td>
</tr>
<tr>
<td>4. Is there an imminent hazard to the integrity of the landfill cover?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**5. Field Conclusions/Recommendations:**
- Post down with sign still attached.
- Sign down with post still in ground. Suggest drilling new holes in downed signs and using large washers on front side.
- Rest of site in good condition.

**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/: Rebecca King*

*Printed Name: Rebecca King*

*Date: 11/8/11*

*Title: Prog. Mgr.*

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

*Signature: /s/: Reed J. Poderis for TAT*

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

*Date: 11/22/11*
POST-CLOSURE INSPECTION CHECKLIST

CAU 5, LANDFILLS – CAS 12-15-01, SANITARY LANDFILL

Inspection Date and Time: 10/18/11 1430
Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 10/11/10
Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Rebecca King
Title: Project Manager

Assistant Inspector: Todd Frasch
Title: Labover

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)

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 repair activities 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:

• ER SKD66 key to access the three site gates
• Radio, pager, etc.
• Previous letter report, inspection checklists, repair records, and as-built plans
• Camera, digital storage drive, extra batteries, and 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 transects to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regaridng 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. Is there damage to any of the three gates?
   b. Are the gates locked in place and functional?
   c. Is there damage to the fence or fence posts?
   d. Have any sign posts been damaged or their anchoring weakened?
   e. Are all use restriction signs legible?
   f. Are any use restriction signs damaged or missing?
   g. How many damaged or missing signs need to be replaced?
   h. Are any use restriction signs down?
   i. How many down signs need to be re-hung?
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 5, LANDFILLS – CAS 12-15-01, SANITARY LANDFILL

2. Waste Unit Cover:
   - Is there evidence of settling? [YES] [NO] [EXPLANATION]
   - Is there evidence of erosion (wind or water)? [YES] [NO] [EXPLANATION]
   - Is there evidence of human intrusion onto the site? [YES] [NO] [EXPLANATION]
   - Is there evidence of large animal 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 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:
   - 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? [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]
4. Is there an imminent hazard to the integrity of the landfill cover? [YES] [NO] [EXPLANATION]

5. Field Conclusions/Recommendations: Site is in good condition.

### 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/: Rebecca King  
**Date:** 10/18/11

**Printed Name:** Rebecca King  
**Title:** Project Manager

### G. VERIFICATION

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 11/3/2011

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

**CAU 5, LANDFILLS – CAS 20-15-01, LANDFILL**

**Inspection Date and Time:** 10/18/11 9:15  **Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 10/18/10  **Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  **Title:** Project Manager

**Assistant Inspector:** Randy Veach  **Title:** Laborer

### 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>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 repair activities 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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>
<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 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>0</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>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# POST-CLOSURE INSPECTION CHECKLIST

## CAU 5, LANDFILLS – CAS 20-15-01, LANDFILL

### 2. Waste Unit Cover:

<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 evidence of settling?</td>
<td></td>
<td></td>
<td><img src="" alt=" " /></td>
</tr>
<tr>
<td>b. Is there evidence of erosion (wind or water)?</td>
<td></td>
<td></td>
<td><img src="" alt=" " /></td>
</tr>
<tr>
<td>c. Is there evidence of human intrusion onto the site?</td>
<td></td>
<td></td>
<td><img src="" alt=" " /></td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion onto the site?</td>
<td></td>
<td></td>
<td><img src="" alt=" " /></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 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></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><img src="" alt=" " /></td>
<td><img src="" alt="RA 10/05/11" /></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td><img src="" alt=" " /></td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td><img src="" alt=" " /></td>
<td></td>
<td><img src="" alt="File Location: S:\NTS\ER Share\Photos\AUD-003\2011\10-18-11 (Inspections)" /></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><img src="" alt=" " /></td>
<td><img src="" alt=" " /></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td><img src="" alt=" " /></td>
<td><img src="" alt=" " /></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td><img src="" alt=" " /></td>
<td><img src="" alt=" " /></td>
<td></td>
</tr>
<tr>
<td>4. Is there an imminent hazard to the integrity of the landfill cover?</td>
<td><img src="" alt=" " /></td>
<td><img src="" alt=" " /></td>
<td></td>
</tr>
</tbody>
</table>

### 5. Field Conclusions/Recommendations:

Site is in good condition. Signs, posts in good condition. No issues.

---

### 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/: Rebecca King  
**Date:** 10/18/11  
**Title:** Project Manager

**Printed Name:** Rebecca King

---

### G. VERIFICATION:

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 1/4/11

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

### CAU 5, LANDFILLS – CAS 23-15-03, DISPOSAL SITE

**Inspection Date and Time:** 12/12/11 10am  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/29/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

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

### 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>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 repair activities performed since the last inspection?</td>
<td>✔️</td>
<td>Sign repair</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:
- *Pre-arrange access to both the WSI Training Facility and the Area 23 Landfill*
- *Obtain key from Waste Generator Services to access the site*
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Site Markers (Area 23 Landfill):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Have any posts been damaged or their anchoring weakened?</td>
<td>☑️</td>
<td>1 Loose T-post</td>
</tr>
<tr>
<td>b. Are all use restriction signs legible?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are any use restriction signs damaged or missing?</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>d. How many damaged or missing signs need to be replaced?</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>e. Are any use restriction signs down?</td>
<td>☑️</td>
<td>1 Sign down</td>
</tr>
<tr>
<td>f. How many down signs need to be re-hung?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**CAU 5, LANDFILLS – CAS 23-15-03, DISPOSAL SITE**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Waste Unit Cover (Area 23 Landfill):</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 onto the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal intrusion onto the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Site Markers (WSI Training Facility):</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>1 T-post down</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>2 signs down</td>
</tr>
<tr>
<td>f. How many down signs need to be re-hung?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Waste Unit Cover (WSI Training Facility):</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 onto the site?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal 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 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>Requirement</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>5</td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td></td>
<td>File Location: S:\NTS\ERShare\Photos\CAU 5_204 \12-12-204 Inspection</td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. FIELD CONCLUSIONS</td>
<td></td>
<td></td>
<td></td>
</tr>
<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>Repair 2 T-posts, replace 3 signs</td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></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>
<td></td>
</tr>
</tbody>
</table>
POST-CLOSURE INSPECTION CHECKLIST

CAU 5, LANDFILLS – CAS 23-15-03, DISPOSAL SITE

5. Field Conclusions/Recommendations: 2 signs and 1 T-post down on WSI area. 1 sign + 1 loose post on A25 - landfill area. No other issues.

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/: Rebecca King

Printed Name: Rebecca King

Date: 12/10/11
Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT

Printed Name: Thomas A. Thiele (or designee)

Date: 12/14/11
CAU 113: AREA 25 R-MAD FACILITY
### POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 12/19/11 3:20  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/15/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Prog. Mgr.

**Assistant Inspector:** Mike Floyd  
**Title:** Field Super.

### 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the perimeter of the use-restricted area and sufficient transects of the use-restricted area to be able to inspect the entire surface and all features specifically described in this checklist. The inspection does not include the outer R-MAD Facility fence or any areas outside the use-restricted 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. 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?  
     |   | YES | NO | EXPLANATION (required if shaded box is checked) |
   - b. Are all use restriction signs legible?  
     | ✓ |    |    |                                               |
   - c. Are any of the 10 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?  
     |   |    |    |                                               |
   - g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?  
     |   |    |    |                                               |

2. Use Restricted Area:
   - a. Is there evidence of human intrusion onto the site?  
     | ✓ |    |    |                                               |

Page 1 of 2
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.

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

File Location: S:\NTS\ER Share\Photos\CAU 113_2011\12-19-2011_Inspection\25-41-01

F. FIELD CONCLUSIONS

1. Are more frequent inspections required? YES NO EXPLANATION

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

3. Are maintenance/repair actions necessary? YES NO

4. Field Conclusions/Recommendations: Signage and site in good condition

No issues.

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/: Rebecca King Date: 12/19/11

Printed Name: Rebecca King

Printed Name: Title: Pray Wyr

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

Signature: /s/: Reed J. Poderis for TAT Date: 1/3/2012

Printed Name: Thomas A. Thiele (or designee)
CAU 115: AREA 25 TEST CELL A FACILITY
POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/20/11 9:15
Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/15/10
Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Rebecca King
Title: Project Manager
Assistant Inspector: Mike Floyd
Title: Field Engineer

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>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 repair activities performed since the last inspection?</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- ER SKD66 key to access the Test Cell A Facility
- Contact RadCon for RCT requirements
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

D. SITE INSPECTION

- The site inspection is a walking inspection of the perimeter of the outer Test Cell A Facility fence, the perimeter of the use-restricted area (pad), and sufficient transects of the use-restricted area (pad) to be able to inspect the entire surface and all features specifically described in this checklist. The inspection does not include any areas within the Test Cell A Facility fence that are outside the use-restricted area. 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. Is there damage to the gate or lock? [YES] [NO] [EXPLANATION]
   b. Is there damage to the fence or fence posts? [YES] [NO] [EXPLANATION]
   c. Have any sign posts been damaged or their anchoring weakened? [YES] [NO] [EXPLANATION]
   d. Are all use restriction signs on the outer Test Cell A Facility fence legible? [YES] [NO] [EXPLANATION]
   e. Are any of the 20 use restriction signs damaged or missing? [YES] [NO] [EXPLANATION]
   f. How many damaged or missing signs need to be replaced? [NO] [EXPLANATION]
   g. Are any use restriction signs down? [NO] [EXPLANATION]
### POST-CLOSURE INSPECTION CHECKLIST

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

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>h. How many down signs need to be re-hung?</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>i. Do any Radioactive Material Area signs on the outer Test Cell A Facility fence need to be replaced or re-hung?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>j. Do any Underground Radioactive Material Area signs around the pad need to be replaced or re-hung?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Use-Restricted Area:</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<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 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></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></td>
</tr>
<tr>
<td>4. Field Conclusions/Recommendations:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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/: Rebecca King  
**Date:** 12/20/11  
**Title:** Proj Mgr

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 1/3/2012

**Printed Name:** Thomas A. Thiele (designee)
CAU 116: AREA 25 TEST CELL C FACILITY
POST-CLOSURE INSPECTION CHECKLIST

CAU 116, AREA 25 TEST CELL C FACILITY – CAS 25-41-05, TEST CELL C FACILITY

**Inspection Date and Time:** 12/20/21 9:15  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** NA  
**Reason for Last Post-Closure Inspection:** NA

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor

---

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>V</td>
<td></td>
<td>1st annual inspection</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 activities performed since the last inspection?

---

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- ER SKD66 key to access the Test Cell C Facility
- Contact RadCon for RCT requirements
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

---

D. SITE INSPECTION

- The site inspection is a walking inspection of the perimeter of the use-restricted area and sufficient transects of the use-restricted area to be able to inspect the entire surface and all features specifically described in this checklist. The inspection does not include the outer Test Cell C Facility fence or any areas within the Test Cell C Facility fence that are outside the use-restricted area. 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>V</td>
<td></td>
</tr>
</tbody>
</table>

a. Is there damage to the gate or lock?

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

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

d. Are all use restriction signs legible?

e. Are any use restriction signs damaged or missing?

f. How many damaged or missing signs need to be replaced?

0

g. Are any use restriction signs down?
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 116, AREA 25 TEST CELL C FACILITY – CAS 25-41-05, TEST CELL C FACILITY**

### h. How many down signs need to be re-hung?

- [ ]

### i. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?

- [ ]

### 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?

- [ ]

**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>

- If yes, how many photos were taken?

- If yes, has a photographic log been prepared?

#### File Location:

- S:\UER\Share\Inspection

### 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:

   - Signage and pad are in good condition
   - No issues 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/ Rebecca King

**Date:** 1/3/2011

**Printed Name:** Rebecca King

**Title:** Prop Mgr.

### G. VERIFICATION:

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

**Signature:** /s/ Reed J. Poderis for TAT

**Date:** 1/3/2012

**Printed Name:** Thomas A. Thiele (or designee)
CAU 118: AREA 27 SUPER KUKLA FACILITY
## 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:** 12/30/11 11:35  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/22/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Man

**Assistant Inspector:** Mike Floyd  
**Title:** Field Sup

### 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>Fence Repair</td>
<td></td>
</tr>
<tr>
<td>4. Were maintenance or repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- 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 the fence or fence posts?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</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. Are any of the 9 use restriction signs damaged or missing?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

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

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 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:
   - a. Have photographs been taken of the site?  
     
     | YES | NO | EXPLANATION |
     |-----|----|-------------|
     | ✓   |    | File Location: S:\NTS\ER Share\Photos\CAU 118\2011\12-20-2011 Inspection |

<table>
<thead>
<tr>
<th>E. FIELD CONCLUSIONS</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>


**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/: Rebecca King  
Date: 12/20/11

Printed Name: Rebecca King
Title: Prog Mgr

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 1/3/2012

Printed Name: Thomas A. Thiele (or designee)
CAU 127: AREAS 25 AND 26 STORAGE TANKS
**POST-CLOSURE INSPECTION CHECKLIST**

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

| Inspection Date and Time: 12/19/11 11:35 | Reason for Inspection: Annual |
| Date of Last Post-Closure Inspection: 11/15/10 | Reason for Last Post-Closure Inspection: Annual |

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

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

**Chief Inspector:** Rebeccah King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor

**A. GENERAL INSTRUCTIONS**
- Complete all checklist items.
- If a SHAD ED 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>1.</td>
<td>Has the Post-Closure Plan been reviewed?</td>
<td>✔</td>
</tr>
<tr>
<td>2.</td>
<td>Have the previous inspection reports been reviewed?</td>
<td>✔</td>
</tr>
<tr>
<td>3.</td>
<td>Were anomalies or trends detected on previous inspections?</td>
<td>✔</td>
</tr>
<tr>
<td>4.</td>
<td>Were maintenance or repair activities performed since the last inspection?</td>
<td>✔</td>
</tr>
</tbody>
</table>

**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:
- *ER SKD207 key to access the EMAD Facility*
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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? | YES | ✔ |
- b. Are all use restriction signs legible? | ✔ |
- c. Are any of the 4 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? | 2 |

**2. Use-Restricted Area:**
- a. Is there evidence of human intrusion onto the site? | YES | ✔ |
POST-CLOSURE INSPECTION CHECKLIST

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

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: YES NO EXPLANATION

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

   b. If yes, how many photos were taken?
      ✔

      If yes, has a photographic log been prepared?
      ✔

      File Location: S:\NTS\ER Share\Photos\CAU 127; 2011
      12-19-2011 Inspection

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?
      ✔

   4. Field Conclusions/Recommendations:
      Rehang sign, reattach loose corner on sign.
      Sign with a corner to reattach. No other issues.

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/: Rebecca King

Date: 12/19/11

Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT

Date: 1/3/2012

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

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

**Inspection Date and Time:** 12/19/11 1:40

**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/15/10

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

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

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

**Chief Inspector:** Rebecca King

**Title:** Project Manager

**Assistant Inspector:** Mike Floyd

**Title:** Field Supervisor

### 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>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 repair activities performed since the 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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? | YES | ✓ | EXPLANATION (required if shaded box is checked) |
   b. Are all use restriction signs legible? | ✓ | |
   c. Are any of the 4 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? | ✓ | |
   g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung? | ✓ | |

2. Use Restricted Area:
   a. Is there evidence of human intrusion onto the site? | YES | ✓ | EXPLANATION (required if shaded box is checked) |
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 127, AREAS 25 AND 26 STORAGE TANKS – CAS 25-02-02, UNDERGROUND STORAGE TANK

**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>

<table>
<thead>
<tr>
<th>a. Have photographs been taken of the site?</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
</tr>
</tbody>
</table>

**File Location:** S:\NTS\ER Share\Photos\CAU 127_2011\12-19-16\2011 Inspections\25-02-02

### 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: **Signage and site in good condition.**

### 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/ Rebecca King  
**Date:** 12/19/11

**Printed Name:** Rebecca King  
**Title:** Project Manager

### G. VERIFICATION:

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

**Signature:** /s/ Reed J. Poderis for TAT  
**Date:** 1/3/2012

**Printed Name:** Thomas A. Thiele (or designee)
CAU 137: WASTE DISPOSAL SITES
**POST-CLOSURE INSPECTION CHECKLIST**

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

**Inspection Date and Time:** 11/19/10, 2:25pm  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/19/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Super.

### 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>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 repair activities performed since the 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

* The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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. Is there damage to the fence or fence posts?
   - b. Have any posts been damaged or their anchoring weakened?
   - c. Are all use restriction signs legible?
   - d. Are any of the 10 use restriction signs damaged or missing?
   - e. How many damaged or missing signs need to be replaced?
   - f. Are any use restriction sign down?
   - g. How many down signs need to be re-hung?

2. Use-Restricted Area:
   - a. Is there evidence of human intrusion onto the site?
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 137, WASTE DISPOSAL SITES – CAS 01-08-01, WASTE DISPOSAL 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 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?
- If yes, how many photos were taken? 2
- If yes, has a photographic log been prepared? ☑

**File Location:** S:\NTS\ER Share\Photos\CAU 137

**2011\11-8-11 Inspections**

### 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? Replace 3 signs & reattach one

4. Field Conclusions/Recommendations: 3 UR signs are faded and need to be replaced. One UR sign is loose and requires reattachment. Otherwise, site in good condition.

### 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/ Rebecca King  
**Date:** 11/8/11

**Printed Name:** Rebecca King  
**Title:** Project Manager

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

**Signature:** /s/ Reed J. Poderis for TAT  
**Date:** 11/27/11

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

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

**Inspection Date and Time:** 11/8/11 9am  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 10/25/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Flyad  
**Title:** Field Supervisor

## A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information and 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>Q.</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>Signs replaced.</td>
</tr>
<tr>
<td>4. Were maintenance or repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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>Q.</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 or fence posts?</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 all use restriction signs legible?</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>d. Are any of the 6 use restriction signs damaged or missing?</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hang?</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>h. Do any Underground Radioactive Material Area signs need to be replaced or re-hang?</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

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

<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 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>File Location: S:NTS/ER Share \Photos\CAU 137\2011\11-8-11 Inspections</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3-REX 11/8/11</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>
</table>

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

4. Field Conclusions/Recommendations: Site and signage in good condition

### 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/: Rebecca King  
**Printed Name:** Rebecca King  
**Date:** 11/8/11  
**Title:** Project Manager

### G. VERIFICATION:

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 11/22/11  
**Printed Name:** Thomas A. Thiele (or designee)
### POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/18/11 11:40</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>10/11/10</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTc Environmental Restoration, Nevada National Security Site, Mercury, Nevada

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

**Chief Inspector:** Rebecca King, Title: Project Manager

**Assistant Inspector:** Randy Trayer, Title: Lab Rover

### 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>1. Has the Post-Closure Plan been reviewed? [✓]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Have the previous inspection reports been reviewed? [✓]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. Were anomalies or trends detected on previous inspections? [✓]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. Were maintenance or repair activities performed since the last inspection? [✓]</td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Previous site report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- Check in at the G-Tunnel office prior to the inspection.
- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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>
<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>1. Site Markers: [✓]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a. Is there damage to the fence? [✓]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b. Have any posts been damaged or their anchoring weakened? [✓]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c. Are all use restriction signs legible? [✓]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>d. Are any of the 8 use restriction signs damaged or missing? [✓]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>e. How many damaged or missing signs need to be replaced? [0]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f. Are any use restriction signs down? [✓]</td>
</tr>
<tr>
<td></td>
<td></td>
<td>g. How many down signs need to be re-hung? [0]</td>
</tr>
</tbody>
</table>
POST- CLOSURE INSPECTION CHECKLIST

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

h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?  

2. Use-Restricted Area: YES  NO  EXPLANATION (required if shaded box is checked)
   a. Is there evidence of human 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 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:
   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? File Location: S:\NTS\ER Share

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

4. Field Conclusions/Recommendations: All signs, posts and fencing in good condition

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/: Rebecca King  
Date: 10/18/11
Title: Project Manager

Printed Name: Rebecca King

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 1/4/11

Printed Name: Thomas A. Thiele (or designee)
CAU 139: WASTE DISPOSAL SITES
# POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 11/8/11 1:40pm  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/9/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor

## 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 repair activities performed since the last inspection?
   a. If yes, has site repair resulted in a change from as-built conditions?  NA
   b. If yes (to 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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 monuments been damaged?  ✓
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

Page 1 of 2
### POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>2. Waste Unit Cover:</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 onto the site?</td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>d. Is there evidence of large animal 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 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>2</td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
<td>File Location: SANTS\Shared\Photos\CAU139\2011\11-8-2011_Inspections</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></td>
</tr>
<tr>
<td>4. Is there an imminent hazard to the integrity of the landfill cover?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

5. Field Conclusions/Recommendations:

Site, monuments, signage, and cover are in good condition. No issues.

### 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/ Rebecca King  
**Date:** 11/8/11

**Printed Name:** Rebecca King  
**Title:** Prog. Mgr.

### G. VERIFICATION:

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

**Signature:** /s/ Reed J. Poderis for TAT  
**Date:** 11/22/11

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

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

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

**Inspection Date and Time:** 11/1/11 11:45 am  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 10/25/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Sarah Ryan  
**Title:** RET

---

#### 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</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 activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

#### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</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?  
   c. Are all use restriction signs legible?  
   d. Are any use restriction signs damaged or missing?  
   e. How many damaged or missing signs need to be replaced?  
   f. Are any use restriction signs down?  
   g. How many down signs need to be re-hung?  
   h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?
# POST-CLOSURE INSPECTION CHECKLIST

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

## 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?**

---

### 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?**
- If yes, how many photos were taken? 1

---

### File Location:
- S:\NTS\ER Share\Photos\CAU 139\2011\11-1-11_Inspections

## 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:

- Site and signage in good condition. No issues, except fence repair.

---

## 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/: Rebecca King

### Printed Name:

- Rebecca King

### Date:

- 11/1/11

---

## G. VERIFICATION:

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

- **Signature:** /s/: Reed J. Poderis for TAT

### Printed Name:

- Thomas A. Thiele (or designee)

### Date:

- 11/14/11
CAU 140: WASTE DUMPS, BURN PITS, AND STORAGE AREA
## POST-CLOSURE INSPECTION CHECKLIST

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

- **Inspection Date and Time:** 11/8/11 3:45 pm
- **Reason for Inspection:** Annual
- **Date of Last Post-Closure Inspection:** 11/22/10
- **Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSIec Environmental Restoration, Nevada National Security Site, Mercury, Nevada

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

**Chief Inspector:** Rebecca King
**Assistant Inspector:** Mike Floyd
**Title:** Project Manager
**Title:** Field Supervisor

### 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>fence and sign repair</td>
</tr>
<tr>
<td>4. Were maintenance or repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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.
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#### 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 the fence or fence posts?</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 all use restriction signs legible?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are any use restriction signs damaged or missing?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
# POST-CLOSURE INSPECTION CHECKLIST

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

## 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?

**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?

**If yes, how many photos were taken?**

**If yes, has a photographic log been prepared?**

File Location: S:\NTS\ER Share\Photos\CAU 140

**11-8-2011 Inspection**

## 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:

Site, fencing, and signage are all in good condition. No issues.

## 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/ Rebecca King

Printed Name: Rebecca King

Date: 11/8/11

Title: Proj Mgr.

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

Signature: /s/ Reed J. Poderis for TAT

Printed Name: Thomas A. Thiele (or designee)
### 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:** 12/12/11 10:30AM  
Reason for Inspection: **Annual**

**Date of Last Post-Closure Inspection:** 11/22/10  
Reason for Last Post-Closure Inspection: **Annual**

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

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

### 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>Question</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</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 &amp; T post maintenance</td>
</tr>
<tr>
<td>4. Were maintenance or repair activities 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
- Camera, digital storage drive, extra batteries, and 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 (TPH Area):

<table>
<thead>
<tr>
<th>Question</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</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 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>

#### 2. Use-Restricted Area (TPH Area):

<table>
<thead>
<tr>
<th>Question</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</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>
### POST-CLOSURE INSPECTION CHECKLIST

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

#### 3. Site Markers (Landfill Area):
- **YES**
- **EXPLANATION** (required if shaded box is checked)
  - a. Have any posts been damaged or their anchoring weakened?
  - b. Are all use restriction signs legible?
  - c. 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?

#### 4. Use-Restricted Area (Landfill 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 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.

#### 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

#### 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**

#### 4. Field Conclusions/Recommendations: Site and signage are in good condition. No issues.

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

**Rebecca King**

**Date:** 12/12/2011

**Title:** Project Manager

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

**Reed J. Poderis for TAT**

**Date:** 12/14/11

**Printed Name:** Thomas A. Thiele (or designee)
CAU 143: AREA 25 CONTAMINATED WASTE DUMPS
# POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 12/19/11  11:45  
**Reason for Inspection:** Annual  

**Date of Last Post-Closure Inspection:** 11/15/10  
**Reason for Last Post-Closure Inspection:** Annual  

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager  

**Assistant Inspector:** Mike Floyd  
**Title:** Field Super  

## 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 repair activities 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  
- Camera, digital storage drive, extra batteries, and 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.  
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### 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 the fence or fence posts?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</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. Are any use restriction signs damaged or missing?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs damaged or missing?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?</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**

### 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 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:  
- 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

<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>

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

4. Field Conclusions/Recommendations:  
   - Site, fencing, and signage in good condition.  No issues.

---

### 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/ Rebecca King  
  - **Date:** 12/19/11  
  - **Title:** Proj. Mgr.

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

- **Signature:** /s/ Reed J. Poderis for TAT  
  - **Date:** 1/3/2012  

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

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>12/19/11 3:00</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/15/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

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

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

Chief Inspector: Rebecca King | Title: Proc. Mgr |
Assistant Inspector: Mike Floyd | Title: Field Superv

**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>
<tr>
<td>√</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>√</td>
<td></td>
</tr>
<tr>
<td></td>
<td>√</td>
<td>Sign repair</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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

**D. SITE INSPECTION**

*The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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. Is there damage to the fence or fence posts?
   - b. Have any sign posts been damaged or their anchoring weakened?
   - c. Are all use restriction signs legible?
   - d. Are any of the 10 use restriction signs damaged or missing?
   - e. How many damaged or missing signs need to be replaced?
   - f. Are any use restriction signs down?
   - g. How many down signs need to be re-hung?

<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>Missing + 1 damaged</td>
</tr>
<tr>
<td>√</td>
<td></td>
<td></td>
</tr>
<tr>
<td>√</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>√</td>
<td>Gate sign missing</td>
</tr>
<tr>
<td></td>
<td>√</td>
<td>Down + 1 loose</td>
</tr>
<tr>
<td></td>
<td>√</td>
<td></td>
</tr>
<tr>
<td></td>
<td>√</td>
<td></td>
</tr>
</tbody>
</table>

Page 1 of 2
## POST-CLOSURE INSPECTION CHECKLIST

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

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>h.</td>
<td>Do any Radioactive Material Area signs need to be replaced or re-hung?</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>i.</td>
<td>Do any Underground Radioactive Material Area signs need to be replaced or re-hung?</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
</tbody>
</table>

2. Use-Restricted Area:

<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.</td>
<td>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 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></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>Have photographs been taken of the site?</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>

File Location: S:\NTS\ER Share\Photos\CAU 143\2011 Inspection

### 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.</td>
<td>Are more frequent inspections required?</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>2.</td>
<td>Are existing maintenance/repair actions satisfactory?</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
<tr>
<td>3.</td>
<td>Are maintenance/repair actions necessary?</td>
<td>![ ]</td>
<td>![ ]</td>
</tr>
</tbody>
</table>

4. Field Conclusions/Recommendations:

- All signs missing + 1 damaged require replacement. 4 signs down and 1 loose - all need to be rehung. No other issues.

### 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/ Rebecca King
- **Date:** 12/19/11
- **Title:** Proj Manager

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

- **Signature:** /s/ Reed J. Poderis for TAT
- **Date:** 1/3/2012

Printed Name: Thomas A. Thiele (or designee)
CAU 145: WELLS AND STORAGE HOLES
# POST-CLOSURE INSPECTION CHECKLIST

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

### Inspection Date and Time: 11/8/11 12:50

### Date of Last Post-Closure Inspection: 11/1/10

### Reason for Inspection: Annual

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

**Responsible Entity:** NSTee Environmental Restoration, Nevada National Security Site, Mercury, Nevada

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

**Chief Inspector:** Rebecca King  
**Assistant Inspector:** Mike Floyd  
**Title:** Project Manager  
**Title:** Field Supervisor

## 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection, however, if necessary, Industrial Hygiene should be contacted prior to entry into the use-restricted area due to surface lead contamination. 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 of the 6 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:**
   - a. Is there evidence of human intrusion onto the site?

### EXPLANATION (required if shaded box is checked)
### POST-CLOSERE INSPECTION CHECKLIST

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

**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?

- File Location: S:\NTS\ER Share\Photos\CAU (145) 2011\11-8-2011 Inspections

---

**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

4. **Field Conclusions/Recommendations:**

   Re-hang | Sign is down and requires re-hanging. Other wise site and signage in good condition.

---

**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/: Rebecca King
- **Date:** 1/8/11
- **Printed Name:** Rebecca King
- **Title:** Project Manager

---

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

- **Signature:** /s/: Reed J. Poderis for TAT
- **Date:** 1/22/11
- **Printed Name:** Thomas A. Thiele (or designer)
CAU 151: SEPTIC SYSTEMS AND DISCHARGE AREA
# POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/13/11 1830</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>10/11/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

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

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

**Chief Inspector:** Rebecca King, Title: Project Manager

**Assistant Inspector:** Andy Hauge, Title: Labour

## 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><img src="https://example.com/yes.png" alt="Yes" /></td>
<td><img src="https://example.com/no.png" alt="No" /></td>
<td><img src="https://example.com/explanation.png" alt="Explanation" /></td>
</tr>
</tbody>
</table>

1. Has the Post-Closure Plan been reviewed? ![Yes](https://example.com/yes.png)
2. Have the previous inspection reports been reviewed? ![Yes](https://example.com/yes.png)
3. Were anomalies or trends detected on previous inspections? ![Yes](https://example.com/yes.png)
4. Were maintenance or repair activities performed since the last inspection? ![Yes](https://example.com/yes.png)

## 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
- Camera, digital storage drive, extra batteries, and 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 sign posts been damaged or their anchoring weakened? ![Yes](https://example.com/yes.png)
- b. Are all use restriction signs legible? ![Yes](https://example.com/yes.png)
- c. Are any of the 6 use restriction signs damaged or missing? ![No](https://example.com/no.png)
- d. How many damaged or missing signs need to be replaced? ![No](https://example.com/no.png)
- e. Are any use restriction signs down? ![No](https://example.com/no.png)
- f. How many down signs need to be re-hung? ![No](https://example.com/no.png)

### 2. Use-Restricted Area:
- a. Is there evidence of human intrusion onto the site? ![Yes](https://example.com/yes.png)
### POST-CLOSURE INSPECTION CHECKLIST

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

**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?</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>File Location: S:\NTS\ER Share\Photos\CAU 151\2011\Photos\CAU151_2011_11-19-11_Inspections_CAS 12-03-01-01</td>
</tr>
</tbody>
</table>

**E. FIELD CONCLUSIONS**

<table>
<thead>
<tr>
<th>1. Are more frequent inspections required?</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>2. Are existing maintenance/repair actions satisfactory?</th>
<th>✔️</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>3. Are maintenance/repair actions necessary?</th>
<th>✔️</th>
</tr>
</thead>
</table>

| 4. Field Conclusions/Recommendations: | Site is in good condition. |

**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/: Rebecca King  
**Date:** 10/18/11

**Printed Name:** Rebecca King  
**Title:** Project Manager

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 11/4/2011

**Printed Name:** Thomas A. Thiele (or designee)
CAU 165: AREA 25 AND 26 DRY WELL AND WASHDOWN AREAS
# 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>Inspection Date and Time:</th>
<th>11/19/11 11:25</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/15/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
<tr>
<td>Responsible Entity:</td>
<td>NSTec Environmental Restoration, Nevada National Security 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>Rebecca King</td>
<td>Title:</td>
<td>PROJECT MANAGER</td>
</tr>
<tr>
<td>Assistant Inspector:</td>
<td>Mike Floyd</td>
<td>Title:</td>
<td>Field Supervisor</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></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 repair activities 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
- Camera, digital storage drive, extra batteries, and 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:**
   - Have any posts been damaged or their anchoring weakened? | YES | ✓ | |
   - Are all use restriction signs legible? | ✓ | | |
   - Are any use restriction signs damaged or missing? | ✓ | 1 sign loose on 1 side |
   - How many damaged or missing signs need to be replaced? | | 0 |
   - Are any use restriction signs down? | ✓ | | |
   - How many down signs need to be re-hung? | | 0 |

2. **Use-Restricted Area:**
   - Is there evidence of human intrusion onto the site? | YES | ✓ | |
**POST-CLOSURE INSPECTION CHECKLIST**

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

**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:
   - a. Have photographs been taken of the site? YES   NO   EXPLANATION
     - 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?  
2. Are existing maintenance/repair actions satisfactory?  
3. Are maintenance/repair actions necessary? SIGN: Repair

4. Field Conclusions/Recommendations:  
   - Leaky is loose on lid, needs to be reattached. No other issues.

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/: Rebecca King  
   Date: 12/19/11

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

   Signature: /s/: Reed J. Poderis for TAT  
   Date: 1/3/2012

Printed Name: Rebecca King

Title: Project Manager

Page 2 of 2
CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE DUMPS
# POST-CLOSURE INSPECTION CHECKLIST

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

| Inspection Date and Time: | 12/19/11 10:55 | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | 12/16/10 | Reason for Last Post-Closure Inspection: | Annual |

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

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

**Chief Inspector:** Rebbecca Kinig Title: Project Manager

**Assistant Inspector:** Mike Floyd Title: Field Supervisor

## 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>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 repair activities 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, paper, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transsects 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.

## I. 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. Is there damage to the fence or fence posts?</td>
<td>✅</td>
<td></td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are any of the 10 use restriction signs damaged or missing?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

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

### 2. Waste Unit Cover:

<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>

- Is there evidence of settling?  
- Is there evidence of erosion (wind or water)?  
- Is there evidence of human intrusion onto the site?  
- 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 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>

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

**File Location:** S:\INSER Share\Photo\CAU 168: \12-19-11 11-20-10a 03-16-08

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required?  
2. Are existing maintenance/repair actions satisfactory?  
3. Are maintenance/repair actions necessary?  
4. Is there an imminent hazard to the integrity of the landfill cover?  

### 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/: Rebecca King  
**Date:** 12/19/11  
**Printed Name:** Rebecca King  
**Title:** Project Manager

### G. VERIFICATION:

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 1/3/2012

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

CAU 168, AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE DUMPS – CAS 25-23-02, RADIOACTIVE STORAGE RR CARS

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>12/19/11 12:10</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/15/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

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

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

Chief Inspector: Rebecca King

Assistant Inspector: Mike Floyd

Title: Proc. Dir.

Title: Field Super.

### 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

**The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.**

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. Is there damage to the fence or fence posts? ✓
   b. Have any sign posts been damaged or their anchoring weakened? ✓
   c. Are all use restriction signs legible? ✓
   d. Are any of the 18 use restriction signs damaged or missing? ✓
   e. How many damaged or missing signs need to be replaced? 0
   f. Are any use restriction signs down? ✓
   g. How many down signs need to be rehung? 1 sign down
   h. Do any Radioactive Material Area signs need to be replaced or rehung? ✓
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 168, AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE DUMPS – CAS 25-23-02, RADIOACTIVE STORAGE RR CARS**

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

If yes, how many photos were taken? | 1 | 

If yes, has a photographic log been prepared? | 🔹 | File Location: S:\NTS\ER Share\Photos\CAU 168\ 2011

---

**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? | 🔹 | **Sign to Rehang**

4. Field Conclusions/Recommendations: **In good condition.**

---

**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/: Rebecca King

Date: 12/19/11

Title: Proj. Manager

---

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

Signature: /s/: Reed J. Poderis for TAT

Date: 1/3/2012

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


<table>
<thead>
<tr>
<th>Inspection Date and Time: 12/9/11 9:55</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection: 12/29/10</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
<tr>
<td>Responsible Entity: NSTec Environmental Restoration, Nevada National Security 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: Rebecca Rinz</td>
<td>Title: Project Manager</td>
</tr>
<tr>
<td>Assistant Inspector: Mike Floyd</td>
<td>Title: Field Super</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>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 repair activities performed since the last inspection?</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- Pre-arrange access to the site through the OCC at least 2 weeks prior to the inspection
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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? | YES | ✔ | |
   - b. Are all use restriction signs legible? | ✔ | |
   - c. Are any of the 4 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 | |
   - g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung? | ✔ | |
## POST-CLOSURE INSPECTION CHECKLIST


2. Use-Restricted Area:
   - 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 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:
   - Have photographs been taken of the site?  
     | YES | NO |
     |-----|----|
     | ✔  |    |
   - If yes, how many photos were taken?  
     | 2  |
   - If yes, has a photographic log been prepared?  
     | ✔  |

File Location: `S:\NTS\ER\Photos\CAU 168\2011\12-19-2011 Inspection`

### E. FIELD CONCLUSIONS

1. Are more frequent inspections required?  
<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>

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

3. Are maintenance/repair actions necessary?  
   | YES | NO |
   |     | ✔  |

4. Field Conclusions/Recommendations:
- Site has animal burrows and small area of subsidence. Signs of posts in good condition. No repairs required - monitor animal burrows.

### 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/ Rebecca King  
**Date:** 12/19/11  
**Title:** Project Manager

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

**Signature:** /s/ Reed J. Poderis for TAT  
**Date:** 1/31/12

**Printed Name:** Thomas A. Thiele (or designee)
CAU 204: STORAGE BUNKERS
### POST-Closure Inspection Checklist

**CAU 204, Storage Bunkers - CAS 01-34-01, Underground Inst. House Bunker**

**Inspection Date and Time:** 11/8/11 1:05 pm  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/9/10  
**Reason for Last Post-Closure Inspection:** Annual

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor

### 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. Site Inspection

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the bunker is not required for the inspection. 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?  
     | YES | NO | EXPLANATION (required if shaded box is checked) |
     |     | √  |                                                 |
   - 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:**
   - a. Is there evidence of human intrusion onto the site?  
     |     | √  |                                                 |
### Post-Closure Inspection Checklist

**CAU 204, Storage Bunkers – CAS 01-34-01, Underground Inst. House Bunker**

#### 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?

- If yes, how many photos were taken?

- If yes, has a photographic log been prepared?

File Location: S:\NTS\ER Share\Photos\CAU 204\2011\11-3-11 Inspections

#### 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 and signage are in good condition. No issues.

#### 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/: Rebecca King  
**Date**: 11/8/11

**Printed Name**: Rebecca King  
**Title**: Prospect Manager

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

**Signature**: /s/: Reed J. Poderis for TAT  
**Date**: 11/22/11

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

**CAU 204, STORAGE BUNKERS – CAS 02-34-01, INSTRUMENT BUNKER**

| Inspection Date and Time: | 10/24/11 | 10:30 am | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | 10/25/10 | | Reason for Last Post-Closure Inspection: | Annual |

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

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

**Chief Inspector:** Rebecca King  
**Assistant Inspector:** Sarah Ryan  
**Title:** Proj. Manager  
**Title:** RET

### 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

* The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the bunker is not required for the inspection. 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 sign 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:**
   a. Is there evidence of human intrusion onto the site? ✓

Page 1 of 2
POST-CLOSURE INSPECTION CHECKLIST
CAU 204, STORAGE BUNKERS – CAS 02-34-01, INSTRUMENT BUNKER

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:
   a. Have photographs been taken of the site?  
      [ ] Yes  [ ] No  
      EXPLANATION
   If yes, how many photos were taken? 3
   If yes, has a photographic log been prepared?  
      [ ] Yes  [ ] No  
      EXPLANATION: File Location: S:\NTS\ER Share\Photos\CAU 204\2011_10-24-11 Inspections 02-34-01

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  

4. Field Conclusions/Recommendations: Site is in good condition.

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/ Rebecca King  
Date: 10/24/11  
Title: PROT Mgr.

Printed Name: Rebecca King

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

Signature: /s/ Reed J. Poderis for TAT  
Date: 11/4/11

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

**CAU 204, STORAGE BUNKERS – CAS 03-34-01, UNDERGROUND Bunker**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/3/11 10:05</th>
<th>Reason for Inspection: <strong>Annual</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/1/10</td>
<td>Reason for Last Post-Closure Inspection: <strong>Annual</strong></td>
</tr>
</tbody>
</table>

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor

### 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?
   - Yes
2. Have the previous inspection reports been reviewed?
   - Yes
3. Were anomalies or trends detected on previous inspections?
   - Yes
4. Were maintenance or repair activities performed since the last inspection?
   - Yes

### 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the bunker is not required for the inspection. 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?
   - Yes
b. Are all use restriction signs legible?
   - Yes
c. Are any use restriction signs damaged or missing?
   - Yes
d. How many damaged or missing signs need to be replaced?
   - None

**2. Use-Restricted Area:**

a. Is there evidence of human intrusion onto the site?
   - Yes
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 204, STORAGE BUNKERS – CAS 03-34-01, UNDERGROUND BUNKER**

**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:**
   - 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? [ ] File Location: S:\NTS\ER Share\Photos\CAU 461111111 SpecE.png

**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

4. Field Conclusions/Recommendations: Site and signage in good condition. No issues

**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/: Rebecca King
- Date: 11/8/11
- Title: Project Manager
- Printed Name: Rebecca King

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

- Signature: /s/: Reed J. Poderis for TAT
- Date: 11/22/11
- Printed Name: Thomas A. Thiele (or designee)
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 204, STORAGE BUNKERS – CAS 05-18-02, CHEMICAL EXPLOSIVES STORAGE**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/14/11 10:35</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/22/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

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

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

**Chief Inspector:** Rebecca King

**Assistant Inspector:** Yvonne Ford

**Title:** Project Manager

Title: Field Supervisor

## 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>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 repair activities performed since the 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

*The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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. 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? | ✓ | |
   c. Are all use restriction signs legible? | ✓ | |
   d. Are any of the 13 use restriction signs damaged or missing? | ✓ | |
   e. How many damaged or missing signs need to be replaced? | ✓ | |
   f. Are any use restriction signs down? | ✓ | |
   g. How many down signs need to be re-hung? | ✓ | |

2. **Use-Restricted Area:**

   a. Is there evidence of human intrusion onto the site? | ✓ | |
POST-CLOSURE INSPECTION CHECKLIST
CAU 204, STORAGE BUNKERS – CAS 05-18-02, CHEMICAL EXPLOSIVES STORAGE

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:
   a. Have photographs been taken of the site?  
      Yes  
      If yes, how many photos were taken? 4
      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?  
   No

4. Field Conclusions/Recommendations: Site in general condition, waste drum outside fence appears to be empty. No other issues.

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/: Rebecca King
Printed Name: Rebecca King
Date: 11/14/11
Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT
Printed Name: Thomas A. Thiele (or designee)
Date: 11/28/11
# POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 11/8/11 3:35 pm  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/2/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor

## 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>
<tr>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.

- 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.

### I. Site Markers:

<table>
<thead>
<tr>
<th>a. Is there damage to the fence or fence posts?</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. Have any posts been damaged or their anchoring weakened?</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. Are any of the 11 use restriction signs damaged or missing?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>h. Do any Radioactive Material Area signs need to be replaced or re-hung?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

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

<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 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?  
  If yes, how many photos were taken?  
  If yes, has a photographic log been prepared?  
  File Location: S:\NTS\ER Share\Photos\CAU 204\11-8-11 INSPECTIONS |

**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: Site, fencing and signage are in good condition. No issues.

**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/ Rebecca King  
Date: 11/8/11

Printed Name: Rebecca King  
Title: Prog Eng

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

Signature: /s/ Reed J. Poderis for TAT  
Date: 1/24/11

Printed Name: Thomas A. Thiele (or designee)
CAU 254: AREA 25 R-MAD DECONTAMINATION FACILITY
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 254, AREA 25 R-MAD DECONTAMINATION FACILITY - CAS 25-23-06, DECONTAMINATION FACILITY**

**Inspection Date and Time:** 12/19/11 3:05  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/15/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Proj Mgr

**Assistant Inspector:** Mike Floyd  
**Title:** Field Super

**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><strong>YES</strong></th>
<th><strong>NO</strong></th>
<th><strong>EXPLANATION</strong> (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 activities 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
- Camera, digital storage drive, extra batteries, and 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 of the 4 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?  
   g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?

2. Use-Restricted Area:
   a. Is there evidence of human intrusion onto the site?
POST-CLOSURE INSPECTION CHECKLIST
CAU 254, AREA 25 R-MAD DECONTAMINATION FACILITY –
CAS 25-23-06, DECONTAMINATION 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.

3. Photograph Documentation: YES NO EXPLANATION
   a. Have photographs been taken of the site?
      Y
      If yes, how many photos were taken?
      Y
      If yes, has a photographic log been prepared?
      N File Location: S:\NTS\ER Share\Photos\CAU 254-2011 Inspection

E. FIELD CONCLUSIONS

1. Are more frequent inspections required? Y
2. Are existing maintenance/repair actions satisfactory? Y
3. Are maintenance/repair actions necessary? Y
4. Field Conclusions/Recommendations: Signage and site are in good condition. No issues.

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/: Rebecca King Date: 12/19/11
Printed Name: Rebecca King Title: Prep Mgr

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

Signature: /s/: Reed J. Poderis for TAT Date: 1/3/2012
Printed Name: Thomas A. Thiele (or designee)
CAU 261: AREA 25 TEST CELL A
LEACHFIELD SYSTEM
POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/30/11 10:15  Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/15/10  Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Rebecca King  Title: Proj. Mgr

Assistant Inspector: Miki Floyd  Title: Field Super.

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)  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 repair activities 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

• Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

D. SITE INSPECTION

• The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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. Is there damage to the fence or fence posts? ✓

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

   c. Are all use restriction signs legible? ✓

   d. Are any of the 4 use restriction signs damaged or missing? ✓

   e. How many damaged or missing signs need to be replaced? 0

   f. Are any use restriction signs down? ✓

   g. How many down signs need to be re-hung? 2

   h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung? ✓
# POST-CLOSURE INSPECTION CHECKLIST

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

## 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.

### 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?
  - If yes, has a photographic log been prepared?

**File Location:** S:\NTS\ER Share\Photos\CAU 261\2011\12-20-2011 Inspection

**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? **✓**  
   *Refasten signs*

4. Field Conclusions/Recommendations:
   - 2 UR signs with loose corners to adjust. Fence and existing signage and enclosure in good condition.

**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/ Rebecca King  
  **Date:** 12/20/11

- **Printed Name:** Rebecca King  
  **Title:** Project Manager

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

- **Signature:** /s/ Reed J. Poderis for TAT  
  **Date:** 1/3/2012

- **Printed Name:** Thomas A. Thiele (or designee)
CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP
# POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 10/30/11 10:35  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/15/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Proj Mgr

**Assistant Inspector:** Mike Floyd  
**Title:** Field Super

## A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADOWED 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 repair activities performed since the last inspection?</td>
<td>✔</td>
<td></td>
<td>Sign maintenance</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
- Camera, digital storage drive, extra batteries, and 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?  
     | YES | NO | EXPLANATION (required if shaded box is checked) |
     |-----|----|-----------------------------------------------|
     | ✔ | ✔ | |
   - b. Are all use restriction signs legible?  
     | YES | NO | EXPLANATION (required if shaded box is checked) |
     |-----|----|-----------------------------------------------|
     | ✔ | ✔ | |
   - c. Is either of the two use restriction signs damaged or missing?  
     | YES | NO | EXPLANATION (required if shaded box is checked) |
     |-----|----|-----------------------------------------------|
     | ✔ | ✔ | |
   - d. How many damaged or missing signs need to be replaced?  
     | YES | NO | EXPLANATION (required if shaded box is checked) |
     |-----|----|-----------------------------------------------|
     | | ✔ | |
   - e. Are any use restriction signs down?  
     | YES | NO | EXPLANATION (required if shaded box is checked) |
     |-----|----|-----------------------------------------------|
     | | ✔ | |
   - f. How many down signs need to be re-hung?  
     | 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) |
     |-----|----|------------------------------------------------|
     | | ✔ | |

---

Page 1 of 2
### POST-CLOSURE INSPECTION CHECKLIST

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

**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:
- **Have photographs been taken of the site?**
  - **Yes**
  - **No**
  - **Explaination**

  - **If yes, how many photos were taken?**
    - File Location: S:NTS\ER\Share\[CAS 242] 2011
  - **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:** The site and signage are in good condition. No issues.

### 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/ Rebecca King
- **Date:** 12/20/11
- **Title:** Proj Mgr

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

- **Signature:** /s/ Reed J. Poderis for TAT
- **Date:** 1/3/2012

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

### CAU 262, AREA 25 SEPTIC SYSTEMS AND UDP – CAS 25-05-03, LEACHFIELD

**Inspection Date and Time:** 12/19/11 3:20  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/15/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Super

### 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>Question</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Has the Post-Closure Plan been reviewed?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Have the previous inspection reports been reviewed?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Were anomalies or trends detected on previous inspections?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Were maintenance or repair activities performed since the 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>NA</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>
<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
  - Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION
- **The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.**
- 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>Question</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<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 all use restriction signs legible?</td>
<td>✔</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are any use restriction signs damaged or missing?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>✔</td>
<td></td>
<td>3 signs down NW+5</td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

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

1. **g.** How many down signs need to be re-hung? | **3**
2. **h.** Do any Underground Radioactive Material Area signs need to be replaced or re-hung? | ✔

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 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:**
   - **a.** Have photographs been taken of the site? | ✔
     - If yes, how many photos were taken? | **3**
     - 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. Is there an imminent hazard to the integrity of the cover? | ✔

**5. Field Conclusions/Recommendations:**

3 signs down requiring re-hanging. May need to redrill holes at corners. No other issues with the site. Cover & fencing in good condition.

**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/: Rebecca King  
**Date:** 12/19/11

**Printed Name:** Rebecca King

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 1/3/202

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

**CAU 262, AREA 25 SEPTIC SYSTEMS AND UDP – CAS 25-05-08, RADIOACTIVE LEACHFIELD**

| Inspection Date and Time: | 12/20/11 1:33 | Reason for Inspection: Annual |
| Date of Last Post-Closure Inspection: | 11/15/10 | Reason for Last Post-Closure Inspection: Annual |
| Responsible Entity: | NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada |
| Responsible Facility Owner: | Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project |
| Chief Inspector: | Rebecca Kugl | Title: Proj Mgr |
| Assistant Inspector: | Mike Flogas | Title: Field Super |

### 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 repair activities performed since the last inspection?</td>
<td>✓</td>
<td></td>
<td>sign re-hung</td>
</tr>
<tr>
<td>a. If yes, has site repair resulted in a change from as-built conditions?</td>
<td>NA</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>
<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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION
- *The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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. Is there damage to the fence? | YES | ✓ |
   b. Have any posts been damaged or their anchoring weakened? | ✓ | |
   c. Are all use restriction signs legible? | ✓ | |
   d. Are any use restriction signs damaged or missing? | ✓ | Replace older sign with one is down |
   e. How many damaged or missing signs need to be replaced? | ✓ | |
   f. Are any use restriction signs down? | ✓ | |
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 262, AREA 25 SEPTIC SYSTEMS AND UDP – CAS 25-05-08, RADIOACTIVE LEACHFIELD

<table>
<thead>
<tr>
<th>g. How many down signs need to be re-hung?</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?</td>
<td></td>
</tr>
</tbody>
</table>

### 2. Waste Unit Cover:
- a. Is there evidence of settling? YES NO EXPLANATION (required if shaded box is checked)
- b. Is there evidence of erosion (wind or water)? YES NO EXPLANATION (required if shaded box is checked)
- c. Is there evidence of human intrusion onto the site? YES NO EXPLANATION (required if shaded box is checked)
- d. Is there evidence of large animal 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 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:
- 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?

**File Location:** S:\NTS\ER Share\Photos\#CAU862\2011\12-28-2011 (Inspection).

### 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? YES NO EXPLANATION (required if shaded box is checked)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory? YES NO EXPLANATION (required if shaded box is checked)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary? YES NO EXPLANATION (required if shaded box is checked)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Is there an imminent hazard to the integrity of the cover? YES NO EXPLANATION (required if shaded box is checked)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Field Conclusions/Recommendations: One sign is down and is older without red warning and should be replaced. No other issues.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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/: Rebecca King

<table>
<thead>
<tr>
<th>Date: 12/20/11</th>
</tr>
</thead>
</table>

**Printed Name:** Rebecca King

**Title:** Project Manager

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

**Signature:** /s/: Reed J. Poderis for TAT

<table>
<thead>
<tr>
<th>Date: 03/1/2012</th>
</tr>
</thead>
</table>

**Printed Name:** Thomas A. Thiele (or designee)
CAU 309: AREA 12 MUCKPILES
# POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/19/11 2:00 pm</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>10/11/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chief Inspector:</th>
<th>Rebecca King</th>
<th>Title:</th>
<th>Project Manager</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assistant Inspector:</td>
<td>Sarah Ryan</td>
<td>Title:</td>
<td>RAC</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></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 repair activities 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:
- **ER SKD66 key to access the site**
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Areas is not required for 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. 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 12-06-09):

<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 sign 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 3 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>0</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>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. Do any Contamination Area or Underground Radioactive Material Area signs need to be replaced or re-hung?</td>
<td></td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

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

### 2. Use-Restricted Area (CAS 12-06-09):
- **Is there evidence of human intrusion onto the site?**  Yes

### 3. Site Markers (CAS 12-08-02):
- **Have any sign posts been damaged or their anchoring weakened?**  Yes
- **Are all use restriction signs legible?**  Yes
- **Is either of the 2 use restriction signs damaged or missing?**  Yes
- **How many damaged or missing signs need to be replaced?**  0
- **Are any use restriction signs down?**  Yes
- **How many down signs need to be re-hung?**  Yes
- **Do any Contamination Area signs need to be replaced or re-hung?**  Yes

### 4. Use-Restricted Area (CAS 12-08-02):
- **Is there evidence of human intrusion onto the site?**  Yes

### 5. Site Markers (CAS 12-28-01):
- **Have any sign posts been damaged or their anchoring weakened?**  Yes
- **Are all use restriction signs legible?**  Yes
- **Are any of the 4 use restriction signs damaged or missing?**  Yes
- **How many damaged or missing signs need to be replaced?**  0
- **Are any use restriction signs down?**  Yes
- **How many down signs need to be re-hung?**  Yes
- **Do any Contamination Area signs need to be replaced or re-hung?**  Yes

### 6. Use-Restricted Area (CAS 12-28-01):
- **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 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.

### 7. Photograph Documentation:
- **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

---

File Location: S:\NTSIER Share\Photos\CAU 309\2011\12-23-01_22-00-02.png

---

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

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

<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></td>
</tr>
</tbody>
</table>

4. Field Conclusions/Recommendations: The site, posts and signage are in **good condition**.

**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/: Rebecca King  
Date: 10/19/11

Printed Name: Rebecca King  
Title: PROJECT MANAGER

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 11/4/11

Printed Name: Thomas A. Thiele (or designee)
CAU 322: AREAS 1 & 3 RELEASE SITES AND INJECTION WELLS
## 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:</th>
<th>11/3/11</th>
<th>11:10</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/1/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
<td></td>
</tr>
</tbody>
</table>

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

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

**Chief Inspector:** Rebecca Kuy

**Assistant Inspector:** Mike Floyd

**Title:** Project Manager

**Title:** Field Supervisor

### 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- 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.

#### I. 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. Is there damage to the fence or fence posts? [ ]
b. Have any posts been damaged or their anchoring weakened? [ ]
c. Are all use restriction signs legible? [ ]
d. Are any use restriction signs damaged or missing? [ ]
e. How many damaged or missing signs need to be replaced? 0
f. Are any use restriction signs down? [ ]
g. How many down signs need to be re-hung? 0
h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung? [ ]
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 322, AREAS 1 & 3 RELEASE SITES AND INJECTION WELLS – CAS 03-20-05, INJECTION WELLS**

## 2. Use Restricted Area:

<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. 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 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? 
  - [ ]
   - If yes, how many photos were taken? 
     - [ ]
   - If yes, has a photographic log been prepared? 
     - [ ]

### File Location:
- S:\NTS\ER Share\Photos\CAU 322\2011\11-8-2011 Inspection

## E. FIELD CONCLUSIONS:

<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>

- 1. Are more frequent inspections required? 
  - [ ]
- 2. Are existing maintenance/repair actions satisfactory? 
  - [ ]
- 3. Are maintenance/repair actions necessary? 
  - [ ]


## 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/: Rebecca King
- **Printed Name:** Rebecca King
- **Date:** 11/8/11
- **Title:** Project Manager

## G. VERIFICATION:

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

- **Signature:** /s/: Reed J. Poderis for TAT
- **Date:** 11/22/11
- **Printed Name:** Thomas A. Thiele (or designee)
CAU 333: U-3auS DISPOSAL SITE
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**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 333, U-3auS DISPOSAL SITE – CAS 03-16-01, U-3auS DISPOSAL SITE**

| Inspection Date and Time: 11/3/11 | Reason for Inspection: |
| Date of Last Post-Closure Inspection: 11/1/10 | Reason for Last Post-Closure Inspection: |

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

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

**Chief Inspector:** Rebecca King  
**Assistant Inspector:** Mike Floyd  
**Title:** Project Manager  
**Title:** Field Supervisor

### 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

*The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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>
<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. Is there damage to the 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>
<tr>
<td>c. Is there damage to the fence?</td>
<td>✓</td>
<td></td>
<td>Wire rope strand down to about 20 yds on NE and SE sides</td>
</tr>
<tr>
<td>d. Have any of the 9 monuments been damaged?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Have any posts been damaged or their anchoring weakened?</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. Are any of the 15 use restriction signs damaged or missing?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. How many damaged or missing signs need to be replaced?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

CAU 333, U-3auS DISPOSAL SITE – CAS 03-16-01, U-3auS DISPOSAL SITE

1. Are any use restriction signs down? [ ]
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 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:
   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 Conclusion/Recommendations:
   - Gate, lock, monuments, signs, and posts all in good condition. Wire rope stands down for about 300' on N and 200' on S.
   - Wire rope stands to tighten.

**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: /sl: Rebecca King
Printed Name: Rebecca King
Date: 11/8/11
Title: Project Manager

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

Signature: /sl: Reed J. Poderis for TAT
Printed Name: Thomas A. Thiele (or designee)
Date: 11/22/11
CAU 357: MUD PITS AND WASTE DUMP
# POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/11/11 2:10</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/9/11</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
</tbody>
</table>

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

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

Chief Inspector: Rebecca Kins |

Assistant Inspector: Sarah Ryan |

Title: Project Manager |

## 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>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 repair activities performed since the 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- **Check in at the BEEF office prior to the inspection.**
- **Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Radioactive Material Area that surrounds the site is not required for the inspection.** 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 sign posts been damaged or their anchoring weakened? | YES | ✔ | |
   - 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? | ✔ | |
POST-CLOSURE INSPECTION CHECKLIST

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

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

      If yes, how many photos were taken? 1

      If yes, has a photographic log been prepared?
      YES √ NO

      File Location: S:ANTS\ER Share\Photos\CAU 357\2011\11-1-11 Inspection

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.

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/: Rebecca King
Printed Name: Rebecca King
Date: 11-1-11
Title: Project Mgr.

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

Signature: /s/: Reed J. Poderis for TAT
Printed Name: Thomas A. Thiele (or designee)
Date: 11/4/2011
### POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/1/11</th>
<th>2:10 pm</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>10/23/10</td>
<td></td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

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

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

**Chief Inspector:** Rebecca King | Title: Project Manager

**Assistant Inspector:** Sarah Ryan | Title: RAT

---

### 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 repair activities 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, paper, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- **The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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 the fence or fence posts?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</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. Are any use restriction signs damaged or missing?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 2. Use-Restricted Area:

<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 evidence of human intrusion onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# POST-CLOSURE INSPECTION CHECKLIST

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

**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>1</td>
<td>File Location: S:\NTS\ER Share\Photos\CAU 357\2011\11-1-11 Inspection</td>
</tr>
</tbody>
</table>

### a. Have photographs been taken of the site?
- Yes
- No

### 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?
- Yes

### 2. Are existing maintenance/repair actions satisfactory?
- No

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

### 4. Field Conclusions/Recommendations:
- Site, signage, and fence in good condition. No issues.

## 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/: Rebecca King  
**Date:** 11/11/11  
**Title:** Project Manager

**Printed Name:** Rebecca King

## G. VERIFICATION:

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 11/14/11

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

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>12/19/21 2:35</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/15/10</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
</tbody>
</table>

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

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

Chief Inspector: Rebecca King  Title: Prep. Mgr

Assistant Inspector: Field Super.

## 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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 monuments been damaged?
   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:
   a. Is there evidence of human intrusion onto the site?
POST-CLOSURE INSPECTION CHECKLIST

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

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? [ ]

   If yes, how many photos were taken? [ ]

   If 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: **Site is in good condition. No issues.**

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/: Rebecca King

Printed Name: Rebecca King

Date: 12-19-11

Title: Prep Mgr

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

Signature: /s/: Reed J. Poderis for TAT

Printed Name: Thomas A. Thiele (or designee)

Date: 1/3/2012
CAU 528: POLYCHLORINATED BIPHENYLS CONTAMINATION
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 528, POLYCHLORINATED BIPHENYLS CONTAMINATION – CAS 25-27-03, POLYCHLORINATED BIPHENYLS SURFACE CONTAMINATION**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>12/19/11 1:15</th>
<th>Reason for Inspection: <strong>Annual</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/15/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
</tbody>
</table>

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

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

Chief Inspector: **Rebecca King**
Title: **Project Manager**

Assistant Inspector: **Mike Floyd**
Title: **Field Super**

**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>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 repair activities performed since the last inspection?</td>
<td>❌</td>
<td>✔</td>
</tr>
</tbody>
</table>

**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:
- ER SKD66 key to access the Test Cell C Facility
- Contact RadCon for RCT requirements
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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>
<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>1 post down</td>
</tr>
<tr>
<td>b. Are all use restriction signs legible?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>c. Are any use restriction signs damaged or missing?</td>
<td>❌</td>
<td></td>
</tr>
<tr>
<td>d. How many damaged or missing signs need to be replaced?</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>e. Are any use restriction signs down?</td>
<td>❌</td>
<td>3 signs down and 3 with loose anchors</td>
</tr>
<tr>
<td>f. How many down signs need to be re-hung?</td>
<td>❌</td>
<td>6</td>
</tr>
</tbody>
</table>
POST-CLOSURE INSPECTION CHECKLIST

CAU 528, POLYCHLORINATED BIPHENYLS CONTAMINATION –
CAS 25-27-03, POLYCHLORINATED BIPHENYLS SURFACE CONTAMINATION

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 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: YES NO EXPLANATION
   a. Have photographs been taken of the site?
      10
      If yes, how many photos were taken?
      If yes, has a photographic log been prepared?
      File Location: 5:NTS\ER Share\Photos\CAU 528\2011\12-19-11 Inspection

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? ✓
   Repair detail in E.4 below

4. Field Conclusions/Recommendations:
   3 signs down and another 3 with loose corners - 1 sign T-post needs re-anchoring. 1 large burrow to avoid when doing repairs. Post 1 site in good condition

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/: Rebecca King
   Date: 12/19/11
   Printed Name: Rebecca King
   Title: Proj Mgr

G. VERIFICATION: I have reviewed this checklist and attachments and have verified that they are complete.
   Signature /s/: Reed J. Poderis for TAT
   Date: 1/3/2012
   Printed Name: Thomas A. Thiele (or designee)
CAU 529: AREA 25 CONTAMINATED MATERIALS
# POST-CLOSURE INSPECTION CHECKLIST

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>12/19/11 11:30</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/15/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
<tr>
<td>Responsible Entity:</td>
<td>NSTec Environmental Restoration, Nevada National Security 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>Rebecca King</td>
<td>Title:</td>
<td>Prop Man</td>
</tr>
<tr>
<td>Assistant Inspector:</td>
<td>Mike Floyd</td>
<td>Title:</td>
<td>Field Super</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></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>Fence and sign repair</td>
</tr>
<tr>
<td>4. Were maintenance or repair activities 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:
- ER SKD66 key to access the Test Cell C Facility
- Contact RadCon for RCT requirements
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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 (Parcel E):

<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 the fence and fence posts?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</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. Are any use restriction signs damaged or missing?</td>
<td>✔</td>
<td></td>
<td>2 Signs inside Test fence</td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td></td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

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

### 2. Use-Restricted Area (Parcel E):
- a. Is there evidence of human intrusion onto the site? [ ] YES [√] NO
- [ ] EXPLANATION (required if shaded box is checked)

### 3. Site Markers (Parcel H):
- h. Is there damage to the fence? [√]
- i. Have any posts been damaged or their anchoring weakened? [ ] YES [ ] NO
- j. Are all use restriction signs legible? [√] [ ]
- k. Are any use restriction signs damaged or missing? [ ] YES [√] NO
- l. How many damaged or missing signs need to be replaced? 0
- m. Are any use restriction signs down? [√] [ ]
- n. How many down signs need to be re-hung? 0
- [ ] EXPLANATION (required if shaded box is checked)

### 4. Use-Restricted Area (Parcel H):
- b. 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 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.

### 5. Photograph Documentation:
- a. Have photographs been taken of the site? [√]
- If yes, how many photos were taken? 1
- If yes, has a photographic log been prepared? [√] File Location: S:\NTS\ER Share\Photos\CAU 529 - 2011 P12-19-2011 Inspection

### E. FIELD CONCLUSIONS

### 1. Are more frequent inspections required?
- [√]

### 2. Are existing maintenance/repair actions satisfactory?
- [ ] YES [√] NO

### 3. Are maintenance/repair actions necessary?
- [√] Replace 2 Signs

### 4. Field Conclusions/Recommendations:
- 2 Signs. Also missing on parcel E.
- Rest of site in good condition
<table>
<thead>
<tr>
<th>Inspection Requirement: Annual</th>
</tr>
</thead>
</table>

### POST-CLOSURE INSPECTION CHECKLIST

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

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

<table>
<thead>
<tr>
<th>Chief Inspector’s Signature: /s/: Rebecca King</th>
<th>Date: 12/19/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Rebecca King</td>
<td>Title: Proc Mgr</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Signature: /s/: Reed J. Poderis for TAT</th>
<th>Date: 1/3/2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printed Name: Thomas A. Thiele (or designee)</td>
<td></td>
</tr>
</tbody>
</table>
THIS PAGE INTENTIONALLY LEFT BLANK
CAU 539: AREAS 25 AND 26 RAILROAD TRACKS
## POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 12/19/11 2pm  
**Reason for Inspection:** Annual  
**Date of Last Post-Closure Inspection:** NA  
**Reason for Last Post-Closure Inspection:** NA  
**Responsible Entity:** NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project  
**Chief Inspector:** Rebecca King  
**Assistant Inspector:** Mike Flood  
**Title:** Proc Mgr  
**Field Super.**

### 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>1st annual inspection</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 repair activities 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:
- Pre-arrange access to the portion of the site located in the Engine Test Stand through the OCC at least 1 week prior to the inspection  
- Radio, pager, etc.  
- Previous letter report, inspection checklists, repair records, and as-built plans  
- Camera, digital storage drive, extra batteries, and 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 99 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>

#### 2. Use-Restricted Area:

<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 evidence of human intrusion onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

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

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:
   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

<table>
<thead>
<tr>
<th>1. Are more frequent inspections required?</th>
<th>YES</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td>[YES]</td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td>[YES]</td>
<td></td>
</tr>
</tbody>
</table>

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/: Rebecca King
Printed Name: Rebecca King
Date: 12/19/11
Title: Prog Mgr

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

Signature: /s/: Reed J. Poderis for TAT
Printed Name: Thomas A. Thiele (or designee)
Date: 1/3/2011
CAU 542: DISPOSAL HOLES
### POST-CLOSURE INSPECTION CHECKLIST

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

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

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

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

**Chief Inspector:** Rebeka King
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd
**Title:** Field Supervisor

### 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>Item</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 repair activities 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
- Camera, digital storage drive, extra batteries, and 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>Item</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 4 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>

#### 2. Use-Restricted Area:

<table>
<thead>
<tr>
<th>Item</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>
# POST-CLOSURE INSPECTION CHECKLIST

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

<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 annual post-closure 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:

<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>

- **File Location:** S:\NTS\ER Share\Photos\CAU 542\201111-8-11 Inspections

### 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: **Site and signage are in good condition. No issues**

### 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/: Rebecca King  
- **Date:** 11/8/11  
- **Printed Name:** Rebecca King  
- **Title:** Project Manager

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

- **Signature:** /s/: Reed J. Poderis for TAT  
- **Date:** 11/22/11  
- **Printed Name:** Thomas A. Thiele (or designee)
### POST-CLOSURE INSPECTION CHECKLIST

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

| Inspection Date and Time: | 11/3/11 10:15 a.m | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | 11/1/10 | Reason for Last Post-Closure Inspection: | Annual |

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

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

**Chief Inspector:** Rebecca King **Title:** Project Manager

**Assistant Inspector:** Michele Flood **Title:** Field Supervisor

#### 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>Item</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 repair activities performed since the last inspection?</td>
<td>✓</td>
<td>1 sign replaced</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
- Camera, digital storage drive, extra batteries, and 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 of the 4 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:**
   - a. Is there evidence of human intrusion onto the site?
# POST-CLOSURE INSPECTION CHECKLIST

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

**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></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
<td>File Location: S:\NTS\ER Share\Photos\CAU 542\11-8-2011 Inspection</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? | ✓ | |

**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/: Rebecca King  
Date: 11/8/11

Printed Name: Rebecca King

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 11/27/11

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

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

- **Inspection Date and Time:** 11/3/11 9:40  
- **Reason for Inspection:** Annual
- **Date of Last Post-Closure Inspection:** 11/1/10  
- **Reason for Last Post-Closure Inspection:** Annual

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

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

- **Chief Inspector:** Rebecca King  
  - **Title:** Project Manager
- **Assistant Inspector:** Mike Floyd  
  - **Title:** Field Supervisor

#### 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>signs replaced</td>
</tr>
<tr>
<td>4. Were maintenance or repair activities 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
- Camera, digital storage drive, extra batteries, and 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:**
   - Have any posts been damaged or their anchoring weakened?  
     - YES ✓  
   - Are all use restriction signs legible?  
     - ✓  
   - Are any of the 4 use restriction signs damaged or missing?  
     - ✓  
   - How many damaged or missing signs need to be replaced?  
     - 0  
   - Are any use restriction signs down?  
     - ✓  
   - How many down signs need to be re-hung?  
     - 0

2. **Use-Restricted Area:**
   - Is there evidence of human intrusion onto the site?  
     - ✓
### POST-CLOSURE INSPECTION CHECKLIST

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

**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>File Location: S:\NTS\ER Share\DSC\CAU 542 11-28-11 Inspections</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>a. Have photographs been taken of the site?</th>
<th>[ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>If yes, how many photos were taken?</td>
<td>[ ]</td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</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>[ ]</td>
<td>[ ]</td>
<td>site and signage in good condition. No issues</td>
</tr>
</tbody>
</table>

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

#### 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/: Rebecca King

**Date:** 11/8/11

**Printed Name:** Rebecca King

**Title:** Project Manager

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

**Signature:** /s/: Reed J. Poderis for TAT

**Date:** 11/22/11

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

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

| Inspection Date and Time: | 11/8/11 10:20 | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | 11/1/10 | Reason for Last Post-Closure Inspection: | Annual |

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

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

**Chief Inspector:** Rebecca King  **Title:** Project Manager

**Assistant Inspector:** Mike Floyd  **Title:** Field Supervisor

### 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>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 repair activities performed since the 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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? | Yes | No | EXPLANATION (required if shaded box is checked) |
   - Yes
   b. Are all use restriction signs legible? | Yes | No |
   - Yes
   c. Are any of the 4 use restriction signs damaged or missing? | Yes | No |
   - No
   d. How many damaged or missing signs need to be replaced? | Yes | No |
   - No
   e. Are any use restriction signs down? | Yes | No |
   - No
   f. How many down signs need to be re-hung? | Yes | No |
   - No

2. **Use-Restricted Area:**
   a. Is there evidence of human intrusion onto the site? | Yes | No | EXPLANATION (required if shaded box is checked) |
   - Yes
POST-CLOSURE INSPECTION CHECKLIST

CAU 542, DISPOSAL HOLES – CAS 03-20-11, UD-3d DISPOSAL HOLE

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>

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

File Location: S:\NTS\ER Share\Photos\CAU 542\2011\11-8-2011 Inspections

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 and signage are in good condition. No issues.

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/: Rebecca King Date: 11/8/11
Printed Name: Rebecca King
Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT Date: 11/22/11
Printed Name: Thomas A. Thiele (or designee)
### POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 11/8/11 10:50  
Reason for Inspection: Annual

**Date of Last Post-Closure Inspection:** 11/1/11  
Reason for Last Post-Closure Inspection: Annual

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

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

**Chief Inspector:** Rebekah King  
Title: Project Manager

**Assistant Inspector:** Mike Floyd  
Title: Field Super.

#### 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>Sign replaced</td>
</tr>
<tr>
<td>4. Were maintenance or repair activities 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
- Camera, digital storage drive, extra batteries, and 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:
   - Have any posts been damaged or their anchoring weakened?  
     | YES | NO | EXPLANATION (required if shaded box is checked) |
     |     | ✓ | |
   - Are all use restriction signs legible?  
     |   | ✓ | |
   - Are any of the 4 use restriction signs damaged or missing?  
     |   | ✓ | |
   - How many damaged or missing signs need to be replaced?  
     |   | 0 | |
   - Are any use restriction signs down?  
     |   | ✓ | |
   - How many down signs need to be re-hung?  
     |   | 0 | |
   - Do any Underground Radioactive Material Area signs need to be replaced or re-hung?  
     |   | ✓ | |

2. Use-Restricted Area:
   - Is there evidence of human intrusion onto the site?  
     | YES | NO | EXPLANATION (required if shaded box is checked) |
     | ✓ | | |
POST-CLOSURE INSPECTION CHECKLIST

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

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:
   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? [YES] [NO]

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]

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/: Rebecca King
Date: 11/3/11
Printed Name: Rebecca King
Title: Project Mgr.

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

Signature: /s/: Reed J. Poderis for TAT
Date: 11/22/11
Printed Name: Thomas A. Thiele (or designee)
CAU 543: LIQUID DISPOSAL UNITS
### POST-CLOSURE INSPECTION CHECKLIST

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

**Inspection Date and Time:** 11/8/11 8:05 PM  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/4/10  
**Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSTee Environmental Restoration, Nevada National Security Site, Mercury, Nevada

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

**Chief Inspector:** Rebecca Kiew  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor

### 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>
<tr>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- **ER SKD68 key to access the site**
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- **The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.**
- **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>One wire rope stand down at NW corner</td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>✓</td>
<td>✓</td>
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<td>✓</td>
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<tr>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
**POST-CLOSURE INSPECTION CHECKLIST**

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

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>j. How many damaged or missing PCB signs need to be replaced?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>k. Are any PCB signs down?</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>l. How many down PCB signs need to be re-hung?</td>
<td>o</td>
<td></td>
</tr>
<tr>
<td>m. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>2. Use-Restricted Area:</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<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 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></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>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**

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

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

4. Field Conclusions/Recommendations: One wire rope strand down at NW corner of fence, rest of site in good condition.

**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/ Rebecca King
Printed Name: Rebecca King
Date: 11/8/11
Title: Prog Mgr

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

Signature: /s/ Reed J. Poderis for TAT
Printed Name: Thomas A. Thiele (or designee)
Date: 11/22/11
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 543, LIQUID DISPOSAL UNITS -**
**CAS 15-01-03, ABOVEGROUND STORAGE TANK, AND CAS 15-23-03, CONTAMINATED SUMP, PIPING**

<table>
<thead>
<tr>
<th>Inspection Date and Time: 10/27/11 2:35 pm</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection: 10/25/10</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
</tbody>
</table>

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

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

Chief Inspector: Rebecca King
Title: Project Manager

Assistant Inspector: Scott Roberts
Title: RCT

## 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>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 repair activities performed since the last inspection?</td>
<td>✓</td>
<td>Fence repair at 15-01-03 + PCB signs replaced</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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION
- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted areas is not required for the inspection. 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 (CAS 15-01-03, Building 15-06 Pad):
- a. Is there damage to the fence? YES ✓ Lower wire stand down on south
- b. Have any posts been damaged or their anchoring weakened? YES ✓
- c. Are all use restriction signs legible? YES ✓
- d. Are any of the 4 use restriction signs damaged or missing? YES ✓
- e. How many damaged or missing use restriction signs need to be replaced? 0
- f. Are any use restriction signs down? YES ✓
- g. How many down use restriction signs need to be re-hung? 0
- h. Are all PCB signs legible (including written information on bottom two lines)? YES ✓
- i. Are any of the 4 PCB signs damaged or missing? 0
<table>
<thead>
<tr>
<th>Inspection Requirement: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>POST-CLOSURE INSPECTION CHECKLIST</strong></td>
</tr>
<tr>
<td><strong>CAU 543, LIQUID DISPOSAL UNITS – CAS 15-01-03, ABOVEGROUND STORAGE TANK, AND CAS 15-23-03, CONTAMINATED SUMP, PIPING</strong></td>
</tr>
<tr>
<td><strong>j. How many damaged or missing PCB signs need to be replaced?</strong></td>
</tr>
<tr>
<td><strong>k. Are any PCB signs down?</strong></td>
</tr>
<tr>
<td><strong>l. How many down PCB signs need to be re-hung?</strong></td>
</tr>
<tr>
<td><strong>2. Use-Restricted Area (CAS 15-01-03, Building J5-06 Pad):</strong></td>
</tr>
<tr>
<td><strong>a. Is there evidence of human intrusion onto the site?</strong></td>
</tr>
<tr>
<td><strong>3. Site Markers (CAS 15-01-03, Underground Piping):</strong></td>
</tr>
<tr>
<td><strong>a. Have any sign posts been damaged or their anchoring weakened?</strong></td>
</tr>
<tr>
<td><strong>b. Are all use restriction signs legible?</strong></td>
</tr>
<tr>
<td><strong>c. Are any of the 16 use restriction signs damaged or missing?</strong></td>
</tr>
<tr>
<td><strong>d. How many damaged or missing use restriction signs need to be replaced?</strong></td>
</tr>
<tr>
<td><strong>e. Are any use restriction signs down?</strong></td>
</tr>
<tr>
<td><strong>f. How many down use restriction signs need to be re-hung?</strong></td>
</tr>
<tr>
<td><strong>g. Are all PCB signs legible (including written information on bottom two lines)?</strong></td>
</tr>
<tr>
<td><strong>h. Are any of the 16 PCB signs damaged or missing?</strong></td>
</tr>
<tr>
<td><strong>i. How many damaged or missing PCB signs need to be replaced?</strong></td>
</tr>
<tr>
<td><strong>j. Are any PCB signs down?</strong></td>
</tr>
<tr>
<td><strong>k. How many down PCB signs need to be re-hung?</strong></td>
</tr>
<tr>
<td><strong>l. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?</strong></td>
</tr>
<tr>
<td><strong>4. Use-Restricted Area (CAS 15-01-03, Underground Piping):</strong></td>
</tr>
<tr>
<td><strong>a. Is there evidence of human intrusion onto the site?</strong></td>
</tr>
<tr>
<td><strong>5. Site Markers (CAS 15-23-03):</strong></td>
</tr>
<tr>
<td><strong>a. Have any sign posts been damaged or their anchoring weakened?</strong></td>
</tr>
<tr>
<td><strong>b. Are all use restriction signs legible?</strong></td>
</tr>
<tr>
<td><strong>c. Are any of the 5 use restriction signs damaged or missing?</strong></td>
</tr>
<tr>
<td><strong>d. How many damaged or missing use restriction signs need to be replaced?</strong></td>
</tr>
<tr>
<td><strong>e. Are any use restriction signs down?</strong></td>
</tr>
<tr>
<td><strong>f. How many down use restriction signs need to be re-hung?</strong></td>
</tr>
<tr>
<td><strong>g. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?</strong></td>
</tr>
<tr>
<td><strong>6. Use-Restricted Area (CAS 15-23-03):</strong></td>
</tr>
<tr>
<td><strong>a. Is there evidence of human intrusion onto the site?</strong></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 543, LIQUID DISPOSAL UNITS – CAS 15-01-03, ABOVEGROUND STORAGE TANK, AND CAS 15-23-03, CONTAMINATED SUMP, PIPING**

### 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.

### 7. Photograph Documentation:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Checkmark]</td>
<td>![Blank]</td>
<td><strong>File Location:</strong> S:\NTS\ER Share\Photos\CAU 543\2011\10-20\Inspections</td>
</tr>
</tbody>
</table>

#### a. Have photographs been taken of the site?
- Yes [✓]

#### If yes, how many photos were taken?
- 7

#### 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 [✓]

#### F. FIELD CONCLUSIONS/Recommendations:
- Wire rope strand around building pad requires repair.
- 2 UEMA signs with loose corners need repair.
- Photos of site in good condition.

### 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/: Rebecca King

**Date:** 10/27/11

**Printed Name:** Rebecca King

**Title:** Project Manager

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

**Signature:** /s/: Reed J. Poderis for TAT

**Date:** 11-7-11

**Printed Name:** Thomas A. Thiele (or designee)
CAU 544: CELLARS, MUD PITS, AND OIL SPILLS
**POST-CLOSURE INSPECTION CHECKLIST**

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

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/18/11</th>
<th>10:30</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
</table>

| Date of Last Post-Closure Inspection: | NA | Reason for Last Post-Closure Inspection: | NA |

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

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

**Chief Inspector:** Rebecca King

**Title:** Project Manager

**Assistant Inspector:** Randy Truong

**Title:** Labover

### 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>This is the 1st annual inspection.</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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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 the fence or fence posts?</td>
<td>✔️</td>
<td></td>
<td>2 posts and wire are down on the SW.</td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</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. Are any of the 12 use restriction signs damaged or missing?</td>
<td>☐</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>☐</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>☐</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td>☐</td>
<td>✔️</td>
<td></td>
</tr>
</tbody>
</table>

#### 2. Use-Restricted Area:

<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 evidence of human intrusion onto the site?</td>
<td>☑️</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 1 of 2
POST-CLOSURE INSPECTION CHECKLIST

CAU 544, CELLARS, MUD PITS, AND OIL SPILLS – CAS 20-25-04, OIL SPILLS

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></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>Y</td>
<td></td>
</tr>
<tr>
<td>If yes, how many photos were taken?</td>
<td></td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>File Location: S:\NTS\ER Share\Photos\CAU 544\2011\10-18-2011 085 20 25 04</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</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Are more frequent inspections required?</td>
<td></td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>2. Are existing maintenance/repair actions satisfactory?</td>
<td></td>
<td>Y</td>
<td></td>
</tr>
<tr>
<td>3. Are maintenance/repair actions necessary?</td>
<td></td>
<td>Y</td>
<td>Fence Repair</td>
</tr>
</tbody>
</table>

4. Field Conclusions/Recommendations:

- 2 fence posts and associated wire rope are down on surface. The U-p crater signs are in good condition. No other issues.

### 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/: Rebecca King
Printed Name: Rebecca King
Date: 10/18/11
Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT
Printed Name: Thomas A. Thiele (or designee)
Date: 11/4/2011
CAU 545: DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS
**POST-CLOSURE INSPECTION CHECKLIST**  
**CAU 545, DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS -- CAS 03-08-03, MUD DISPOSAL SITE**

**Inspection Date and Time:** 11/18/11 10:20  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/1/10  
**Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSTEc Environmental Restoration, Nevada National Security Site, Mercury, Nevada

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager 
**Assistant Inspector:** Mike Floyd  
**Title:** Field Super

### 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION
- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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. Is there damage to the fence or fence posts?  
   b. Have any posts been damaged or their anchoring weakened?  
   c. Are all use restriction signs legible?  
   d. Are any of the 14 use restriction signs damaged or missing?  
   e. How many damaged or missing use restriction signs need to be replaced?  
   f. Are any use restriction signs down?  
   g. How many down use restriction signs need to be re-hung?

2. Use-Restricted Area:
   a. Is there evidence of human intrusion onto the site?
POST-CLOSURE INSPECTION CHECKLIST
CAU 545, DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS -
CAS 03-08-03, MUD DISPOSAL 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 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>![Checkmark]</td>
<td>![No Checkmark]</td>
<td>File Location: S:\NTS\ER Share\Photos\CAU 545\2011\11-8-11_Inspections</td>
</tr>
</tbody>
</table>

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>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Checkmark]</td>
<td>![No Checkmark]</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: 5 USR signs are badly faded and require replacement. 2010 plow rope needs repair. Rest of site in good condition.

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/: Rebecca King
Printed Name: Rebecca King
Date: 11/8/11
Title: Prog. Mgr.

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

Signature: /s/: Reed J. Poderis for TAT
Printed Name: Thomas A. Thiele (or designee)
Date: 11/22/11
# 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:</th>
<th>11/11/10 9:50</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/11/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

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

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

Chief Inspector: **Rebecca King**  
Title: **Project Manager**

Assistant Inspector: **Mike Flood**  
Title: **Field Supervisor**

## 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced areas is not required for the inspection. 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 (Northwestern Fenced 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 damage to the fence or fence posts? ✓
- b. Have any posts been damaged or their anchoring weakened? ✓
- c. Are all use restriction signs legible? ✓
- d. Are any of the 4 use restriction signs damaged or missing? ✓
- e. How many damaged or missing use restriction signs need to be replaced? 2
- f. Are any use restriction signs down? ✓
- g. How many down use restriction signs need to be re-hung? 0
- h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung? ✓

### 2. Use-Restricted Area (Northwestern Fenced 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 545, DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS -
CAS 03-23-05, EUROPIUM DISPOSAL SITE

### 3. Site Markers (Southern Fenced Area):

- **a.** Is there damage to the fence or fence posts? **YES**
- **b.** Have any posts been damaged or their anchoring weakened? **YES**
- **c.** Are all use restriction signs legible? **YES** One sign badly faded.
- **d.** Are any of the 3 use restriction signs damaged or missing? **YES**
- **e.** How many damaged or missing use restriction signs need to be replaced? **0**
- **f.** Are any use restriction signs down? **NO**
- **g.** How many down use restriction signs need to be re-hung? **0**
- **h.** Do any Underground Radioactive Material Area signs need to be replaced or re-hung? **YES**

### 4. Use-Restricted Area (Southern Fenced 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 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.

### 5. 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** File Location: S:\NTS\ER Share\photos\CAU 545 2011-11-21 Inspections

**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** Sign repair/replacement

4. Field Conclusions/Recommendations: 2 signs on northern boundary and 1 on southern fenced area are faded, requiring replacement. Fencing, URM + signs and rest of URM signs in good condition.

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

[Signatures and Dates]

Chief Inspector's Signature: /s/: Rebecca King
Printed Name: Rebecca King
Date: 11/8/11
Title: Project Manager
## POST-CLOSURE INSPECTION CHECKLIST

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

### G. VERIFICATION

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

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>/s/: Reed J. Poderis for TAT</td>
<td>11/22/11</td>
</tr>
</tbody>
</table>

**Printed Name:** Thomas A. Thiele (or designee)
CAU 546: INJECTION WELL AND SURFACE RELEASES
**POST-CLOSURE INSPECTION CHECKLIST**

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

**Inspection Date and Time:** 10/27/11, 2:45 pm  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** NA  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Scott Roberts  
**Title:** RC

---

## 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 repair activities 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
- Camera, digital storage drive, extra batteries, and 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>
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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>

- a. Have any posts been damaged or their anchoring weakened?
- b. Are all use restriction signs legible?
- c. Are any of the 4 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 546, INJECTION WELL AND SURFACE RELEASES – CAS 09-20-01, INJECTION WELL

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:
   a. Have photographs been taken of the site?
      YES  NO  EXPLANATION
   File Location: S:\NTS\ER Share\Pho\2011_09_04\2011_09_04

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

4. Field Conclusions/Recommendations: Site and signage in good condition

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/: Rebecca King  Date: 10/27/11

Printed Name:  Title:

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

Signature: /s/: Reed J. Poderis for TAT  Date: 1/7/11

Printed Name: Thomas A. Thiele (or designee)
CAU 551: AREA 12 MUCKPILES
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 551, AREA 12 MUCKPiles - CAS 12-01-09, Aboveground Storage Tank and Stain, CAS 12-06-05, U-12b MUCKpile, CAS 12-06-07, MUCKpile, and CAS 12-06-08, MUCKpile**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>11/14/11 2:15pm</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>10/11/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

**Responsible Entity:** NSTeC: Environmental Restoration, Nevada National Security Site, Mercury, Nevada

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

**Chief Inspector:** [Signature]  
**Title:** Project Manager

**Assistant Inspector:** [Signature]  
**Title:** Field Supervisor

## 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 repair activities performed since the last inspection? | ✅ |

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- ER SKD66 key to access the sites
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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 sign posts been damaged or their anchoring weakened? | ✅ |
| b. Are all use restriction signs legible? | ✅ |
| c. Are any of the 13 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 551, AREA 12 MUCKPILES - CAS 12-01-09, ABOVEGROUND STORAGE TANK AND STAIN, CAS 12-06-05, U-12b MUCKPILE, CAS 12-06-07, MUCKPILE, AND CAS 12-06-08, MUCKPILE**

#### 3. Adjacent Offsite Features:

<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. Are both runoff diversion berms in place and functioning as designed?
- b. Is there evidence of erosion (wind or water) or other damage to the berms?
- c. Is there evidence of sediment migrating past the E-Tunnel turnover culvert or across the access road?
- d. Is there evidence of erosion (wind or water) or other damage to the E-Tunnel turnover culvert or access road?

**Photograph Instructions:**
- Photographs are **REQUIRED** to document whether there is visible evidence of sediment migrating past the E-Tunnel turnover culvert.
- 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:

<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?
- If yes, how many photos were taken? 5
- If yes, has a photographic log been prepared?

**File Location:** S:\NTS\ER Share\Photos\CAU.551.12-08.12.2011

**11-14-2011 Inspection**

#### 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?  
   ![ ]

**Field Conclusions/Recommendations:**  
4 signs faded, requires replacement, and 1 sign missing. Berms and culvert functioning well. Minor water erosion to access road due to runoff down road. No repair required at this time. Recommend checking in springs.

#### 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/: Rebecca King  
**Date:** 11/14/11

**Printed Name:** Rebecca King  
**Title:** Project Manager

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 11/10/11

**Printed Name:** Thomas A. Thiele (or designee)
CAU 552: AREA 12 MUCKPILE AND PONDS
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 552, AREA 12 MUCKPILE AND PONDS – CAS 12-23-05, PONDS**

<table>
<thead>
<tr>
<th>Inspection Date and Time: 10/18/11 14:20</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection: 10/11/10</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
</tbody>
</table>

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

**Chief Inspector:** Rebecca King  
**Assistant Inspector:** Randy Truax  
**Title:** Project Manager  
**Title:** Laborer

### 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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- Check in at the G-Tunnel office prior to the inspection.
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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. Is there damage to the fence?
   b. Have any posts been damaged or their anchoring weakened?
   c. Are all use restriction signs legible?
   d. Are any use restriction signs damaged or missing?
   e. How many damaged or missing signs need to be replaced?
   f. Are any use restriction signs down?
   g. How many down signs need to be re-hung?
   h. Do any Radioactive Material Area signs need to be replaced or re-hung?
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 552, AREA 12 MUCKPILE AND PONDS – CAS 12-23-05, PONDS**

1. **Do any Underground Radioactive Material Area signs need to be replaced or re-hung?**
   - **YES**
   - **NO**

2. **Use-Restricted Area**
   - **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 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**
   - **YES**
   - **NO**
   - **EXPLANATION**

   a. Have photographs been taken of the site?
      - **YES**
      - **NO**
      - **File Location:** [Path/Location](#)

5. **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**

4. **Field Conclusions/Recommendations:** Site in good condition except one UX sign has a loose corner to reattach.

---

**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/ Rebecca King  
**Date:** 10/18/11

**Printed Name:** Rebecca King  
**Title:** Project Manager

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

**Signature:** /s/ Reed J. Poderis for TAT  
**Date:** 11/3/2011

**Printed Name:** Thomas A. Thiele (or designee)
CAU 554: AREA 23 RELEASE SITE
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 554, AREA 23 RELEASE SITE – CAS 23-02-08, USTs 23-115-1,2,3/SPILL 530-90-002**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>12/12/11 8:35am</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/22/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

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

**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>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 repair activities performed since the 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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.
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</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. Are all use restriction signs legible?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>c. Are any of the 4 use restriction signs damaged or missing?</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>d. How many damaged or missing signs need to be replaced?</td>
<td></td>
<td>O</td>
</tr>
<tr>
<td>e. Are any use restriction signs down?</td>
<td></td>
<td>✔</td>
</tr>
<tr>
<td>f. How many down signs need to be re-hung?</td>
<td></td>
<td>O</td>
</tr>
<tr>
<td>g. Are both brass plates intact and readable?</td>
<td></td>
<td>✔</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<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>
</tr>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</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 530-90-002**

### 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.

### Photograph Documentation:
- **a. Have photographs been taken of the site?**
  - 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

4. **Field Conclusions/Recommendations:**

   Site and signage in good condition. No issues.

### 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/: Rebecca King  
**Date:** 12/12/2011

**Printed Name:** Rebecca King

**Title:** Project Manager

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 12/4/11

**Printed Name:** Thomas A. Threl (or designee)
CAU 560: SEPTIC SYSTEMS
## 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:** 11/9/11 3 pm  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/9/10  
**Reason for Last Post-Closure Inspection:** Annual

**Responsible Entity:** NSfEC Environmental Restoration, Nevada National Security Site, Mercury, Nevada

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Floyd  
**Title:** Field Supervisor

### 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 repair activities performed since the last inspection?

### C. SITE INSPECTION PREPARATION
Assemble the following, as needed, to conduct inspections:
- Radio, pager, etc.
- Previous letter reports, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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?
   e. Are any use restriction signs down?
   f. How many down signs need to be re-hung?

<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>

   2 signs down on 06-05-04 (1 damaged and 1 missing)

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

<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>
# 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 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.

### Photograph Documentation:

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**File Location:** \( S:\NTS\ER\Shared\Photos\CAU 560-2011\)  
\( 11-2-2011\) Inspectio

### 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:**
- Signs blown off single posts. Replace with double post and anchors. Rest of site in good condition.

### 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/: Rebecca King  
**Date:** 11/8/11  
**Title:** Prog. Mgr.

**Printed Name:** Rebecca King

### G. VERIFICATION:

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

**Signature:** /s/: Reed J. Poderis for TAT  
**Date:** 11/22/11

**Printed Name:** Thomas A. Thiele (or designee)
CAU 561: WASTE DISPOSAL AREAS
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 561, WASTE DISPOSAL AREAS – CAS 02-08-02, WASTE DUMP AND BURN AREA**

| Inspection Date and Time: | 10/21/11 11:00 | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | NA | Reason for Last Post-Closure Inspection: | NA |

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

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

**Chief Inspector:** Rebecca King

**Assistant Inspector:** Sarah Ryan

**Title:** Project Manager

**Title:** RAF

---

**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>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>This is the first annual inspection</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 repair activities performed since the 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and 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 sign posts been damaged or their anchoring weakened? | YES | ✓ | |
   b. Are all use restriction signs legible? | ✗ | |
   c. Are any of the 10 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-bung? | |

2. Use-Restricted Area:
   a. Is there evidence of human intrusion onto the site? | ✓ | |
POST-CLOSURE INSPECTION CHECKLIST

CAU 561, WASTE DISPOSAL AREAS — CAS 02-08-02, WASTE DUMP AND BURN 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.

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? ✓ File Location: S:\NTS\ER Share\Photos\CAU 561\2011\10-2011 CAS 02-08-02 inspection.jpg

E. FIELD CONCLUSIONS
   YES NO EXPLANATION (required if slanted box is checked)
   1. Are more frequent inspections required? ✓
   2. Are existing maintenance/repair actions satisfactory? ✓
   3. Are maintenance/repair actions necessary? ✓

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/: Rebecca King Date: 10/24/11
Printed Name: Rebecca King Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT Date: 1/4/11
Printed Name: Thomas A. Thiele (or designee)
CAU 566: EMAD COMPOUND
**POST-CLOSURE INSPECTION CHECKLIST**

**CAU 566, EMAD COMPOUND – CAS 25-99-20, EMAD COMPOUND**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>12/19/14 – 11:35</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td></td>
<td>Reason for Last Post-Closure Inspection:</td>
</tr>
<tr>
<td>Responsible Entity: NSTec Environmental Restoration, Nevada National Security 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>
</tr>
<tr>
<td>Chief Inspector: Reuben King</td>
<td>Title: Proc Mgr</td>
<td></td>
</tr>
<tr>
<td>Assistant Inspector: Mike Floyd</td>
<td>Title: Field Supr</td>
<td></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></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>1st annual inspection</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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced EMAD Facility is not required for 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. 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 the fence and fence posts?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</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. Are any use restriction signs damaged or missing?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 2. Use Restricted Area:

<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 evidence of human intrusion onto the site?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 1 of 2
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 566, EMAD COMPOUND – CAS 25-99-20, EMAD COMPOUND**

**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>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
<td>File Location: SANTS:ER Share\Photos\CAU 566_2011_12-19-2011 (Inspection 25-99-20)</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?     


## 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/: Rebecca King  
Date: 12/19/11

Printed Name: Rebecca King  
Title: Proj. Mgr

## G. VERIFICATION

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 1/3/202

Printed Name: Thomas A. Thiele (or designee)
CAU 107: LOW IMPACT SOIL SITES
**POST-CLOSURE INSPECTION CHECKLIST**

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

**Inspection Date and Time:** 11/3/11 11:55  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 11/1/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Mike Flood  
**Title:** Field Supervisor

---

**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 repair activities performed since the last inspection?  

- T-posts were reset and wire rope repaired

---

**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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

---

**D. SITE INSPECTION**

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection.
- 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. Is there damage to the fence or fence posts?  
b. Have any posts been damaged or their anchoring weakened?  
c. Are all use restriction signs legible?  
d. Are any of the use restriction signs damaged or missing?  
e. How many damaged or missing signs need to be replaced?  
f. Are any use restriction signs down?  
g. How many down signs need to be re-hung?  
h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?  

---

Page 1 of 2
**POST-CLOSURE INSPECTION CHECKLIST**

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

<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 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>1</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 (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>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>

| 4. Field Conclusions/Recommendations: | Fencing, Site, and Signage are in good condition. No issues. |

**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/: Rebecca King
  - **Date:** 11/8/11
  - **Title:** Project Manager

- **Printed Name:** Rebecca King

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

- **Signature:** /s/: Reed J. Poderis for TAT
  - **Date:** 1/22/11

- **Printed Name:** Thomas A. Thiele (or designer)
**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>10/3/11 10:30</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>10/12/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
</tbody>
</table>

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

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

Chief Inspector: **Rebecca King**  Title: **Project Manager**

Assistant Inspector: **George Juncal**  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 repair activities 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:
- Obtain 18-2c: Gate key from OCC to access the site
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

**D. SITE INSPECTION**

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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>
<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. 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 all use restriction signs legible?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Are any of the 6 use restriction signs damaged or missing?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. Write</td>
<td>✓</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)

<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 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>✓</td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
<td>File Location: SANTSER Share Photos CAU 107 18-05-2011SULKY</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</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>Site and fence and all postings in good condition</th>
</tr>
</thead>
</table>

### 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/: Rebecca King  
Date: 10/3/11

Printed Name: Rebecca King  
Title: Project Manager

### G. VERIFICATION:

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 10/17/2011

Printed Name: Thomas A. Thiele (or designee)
CAU 365: BANEberry contamination area
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 365, BANE BERRY CONTAMINATION AREA – CAS 08-23-02, U-8d CONTAMINATION AREA**

**Inspection Date and Time:** 11/1/11 10:15am  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** NA  
**Reason for Last Post-Closure Inspection:** NA

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Sarah Ryan  
**Title:** ROT

## 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><img src="#" alt="Image" /></td>
<td><img src="#" alt="Image" /></td>
<td>This is the 1st annual inspection</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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection. 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><img src="#" alt="Image" /></td>
<td><img src="#" alt="Image" /></td>
<td></td>
</tr>
</tbody>
</table>

a. Is there damage to the fence?  
b. Have any posts been damaged or their anchoring weakened?  
c. Are all use restriction signs legible?  
d. Are any of the 14 use restriction signs damaged or missing?  
e. How many damaged or missing signs need to be replaced?  
f. Are any use restriction signs down?  
g. How many down signs need to be re-hang?  
h. Do any Contamination Area signs need to be replaced or re-hang?
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 365, BANEBERRY CONTAMINATION AREA – CAS 08-23-02, U-8d CONTAMINATION AREA**

### 2. Use-Restricted Area:

<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. 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 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**

  File Location: S:\NTS\ER Share\Photos\CAU 3652011\11-1-11\Inspection

### E. FIELD CONCLUSIONS

<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>

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

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

3. Are maintenance/repair actions necessary?  
   - **YES**

4. Field Conclusions/Recommendations: **Site, signage, and fence are in good condition. No issues.**

### 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/ Rebecca King  
  **Date:** 11/1/11  
  **Title:** Project Manager

  **Printed Name:** Rebecca King  
  **Date:** 11/1/11

### G. VERIFICATION:

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

  **Signature:** /s/ Reed J. Poderis for TAT  
  **Date:** 11/14/11

  **Printed Name:** Thomas A. Thiele (or designee)
CAU 367: AREA 10 SEDAN, ESS AND UNCLE UNIT CRATERS
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 367, AREA 10 SEDAN, ESS AND UNCLE UNIT CRATERS – CAS 10-45-01, U-10h CRATER (SEDAN), CAS 10-45-02, ESS CRATER SITE, AND CAS 10-45-03, UNCLE CRATER SITE**

<table>
<thead>
<tr>
<th>Inspection Date and Time</th>
<th>10/27/1</th>
<th>10:30am</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection</td>
<td>NA</td>
<td>NA</td>
<td>Reason for Last Post-Closure Inspection: NA</td>
</tr>
</tbody>
</table>

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

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

**Chief Inspector:** Rebecca King  
**Assistant Inspector:** Scott Roberts

**Title:** Project Manager  
**Title:** R&T

### 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>1. Has the Post-Closure Plan been reviewed?</td>
<td>✔</td>
<td>This is the 1st Annual Inspection</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 repair activities performed since the 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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 (CAS 10-45-01):**
   - a. Have any posts been damaged or their anchoring weakened? | YES | ✔ |
   - b. Are all use restriction signs legible? | ✔ | |
   - c. Are any of the 21 use restriction signs damaged or missing? | ✔ | |
   - d. How many damaged or missing signs need to be replaced? | D | |
   - e. Are any use restriction signs down? | ✔ | |
   - f. How many down signs need to be re-hung? | ✔ | |
   - g. Does the historical sign need to be replaced or re-hung? | ✔ | |

2. **Use-Restricted Area (CAS 10-45-01):**
   - a. Is there evidence of human intrusion onto the site? | ✔ | |

---

Page 1 of 3
<table>
<thead>
<tr>
<th>POST-CLOSURE INSPECTION CHECKLIST</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAU 367, AREA 10 SEDAN, ESS AND UNCLE UNIT CRATERS – CAS 10-45-01, U-10h CRATER (SEDAN), CAS 10-45-02, ESS CRATER SITE, AND CAS 10-45-03, UNCLE CRATER SITE</td>
</tr>
</tbody>
</table>

3. Site Markers (CAS 10-45-02):
   a. Have any posts been damaged or their anchoring weakened? **YES**
   b. Are all use restriction signs legible? **YES**
   c. Are any of the 5 use restriction signs damaged or missing? **YES**
   d. How many damaged or missing signs need to be replaced? **NO**
   e. Are any use restriction signs down? **YES**
   f. How many down signs need to be re-hung? **NO**

4. Use-Restricted Area (CAS 10-45-02):
   a. Is there evidence of human intrusion onto the site? **YES**

5. Site Markers (CAS 10-45-03):
   a. Have any posts been damaged or their anchoring weakened? **YES**
   b. Are all use restriction signs legible? **YES**
   c. Are any of the 5 use restriction signs damaged or missing? **YES**
   d. How many damaged or missing signs need to be replaced? **NO**
   e. Are any use restriction signs down? **YES**
   f. How many down signs need to be re-hung? **NO**

6. Use-Restricted Area (CAS 10-45-03):
   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 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.

7. 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? **YES**

   File Location: S:\NTS\ER Share\Photos\2011\10-2011 Inspections

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**
POST-CLOSURE INSPECTION CHECKLIST

CAU 367, AREA 10 SEDAN, ESS AND UNCLE UNIT CRATERS – CAS 10-45-01, U-10h CRATER (SEDAN), CAS 10-45-02, ESS CRATER SITE, AND CAS 10-45-03, UNCLE CRATER SITE

4. Field Conclusions/Recommendations: All CASs in good condition. All signs and posts in good condition. No issues.

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/: Rebecca King
Printed Name: Rebecca King
Date: 10/27/11
Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT
Printed Name: Thomas A. Thiele (or designee)
Date: 11/7/11
CAU 370: T-4 ATMOSPHERIC TEST SITE
POST-CLOSURE INSPECTION CHECKLIST

CAU 370, T-4 ATMOSPHERIC TEST SITE – CAS 04-23-01, ATMOSPHERIC TEST SITE T-4

Inspection Date and Time: 11/14/11 12:30 pm  Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/24/10  Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project
Chief Inspector: Rebecca Kiy  Title: Project Manager
Assistant Inspector: Mikel Floyd  Title: Field Supervisor

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)  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 repair activities performed since the last inspection? ✓  Sign and fence repair

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
• Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

D. SITE INSPECTION
• Check in at the BEEF office prior to the inspection.
• The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced area is not required for the inspection. 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. Is there damage to the fence or fence posts? ✓
   b. Have any sign posts been damaged or their anchoring weakened? ✓
   c. Are all use restriction signs legible? ✓
   d. Are any use restriction signs damaged or missing? ✓
   e. How many damaged or missing signs need to be replaced? 0
   f. Are any use restriction signs down? ✓
   g. How many down signs need to be re-hung? 8
   h. Do any Radioactive Material Area signs need to be replaced or re-hung? ✓
## POST-CLOSURE INSPECTION CHECKLIST

### CAU 370, T-4 ATMOSPHERIC TEST SITE – CAS 04-23-01, ATMOSPHERIC TEST SITE T-4

<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 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></td>
<td>9</td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
<td>File Location: S:\NTS\ER\Share\Photos\CAU 370\2011\11-2011-1t370inspection.jpg</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>Repair 8 signs and repair fence: bar in 3 areas</td>
</tr>
</tbody>
</table>

### 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/ Rebecca King

**Printed Name:** Rebecca King

**Date:** 11/14/11

**Title:** Project Manager

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

**Signature:** /s/ Reed J. Poderis for TAT

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

**Date:** 11/29/11
CAU 371: JOHNIE BOY CRATER AND PIN STRIPE
# 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>11/14/11 11:45am</th>
<th>Reason for Inspection:</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>11/11/10</td>
<td>Reason for Last Post-Closure Inspection:</td>
<td>Annual</td>
</tr>
<tr>
<td>Responsible Entity:</td>
<td>NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible Facility Owner:</td>
<td>Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chief Inspector:</td>
<td>Rebecca King</td>
<td>Title:</td>
<td>Project Manager</td>
</tr>
<tr>
<td>Assistant Inspector:</td>
<td>Mike Floyd</td>
<td>Title:</td>
<td>Field Supervisor</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></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 repair activities 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
  - Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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? | YES | NO | EXPLANATION (required if shaded box is checked) |
   b. Are all use restriction signs legible? |    | ✓ | |
   c. Are any of the 11 use restriction signs damaged or missing? | ✓ |    | Only 7 signs located |
   d. How many damaged or missing signs need to be replaced? |    | ✓ | 4 |
   e. Are any use restriction signs down? |    | ✓ | |
   f. How many down signs need to be re-hung? |    | ✓ | |

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.

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?
- If yes, how many photos were taken?
- If yes, has a photographic log been prepared?

File Location: S:\NTSER Share\Photos\2011\944 (371)\2011-11-14-2011 Inspections

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required?  
   - Yes

2. Are existing maintenance/repair actions satisfactory?  
   - Yes

3. **Are maintenance/repair actions necessary?**  
   - No
   - Add 2 signs on west and 2 on north as a BMP to define the boundary. No other issues.

4. **Field Conclusions/Recommendations:**
   - Only 7 signs located. Need to add 2 signs on west and 2 on north as a BMP to define the boundary. No other issues.

**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/: Rebecca King
- **Date:** 11/14/11
- **Title:** Project Manager

**Printed Name:** Rebecca King

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

- **Signature** /s/: Reed J. Poderis for TAT
- **Date:** 11/2/11

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

**CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 18-45-01, U-18J-2 CRATER (JOHNNIE BOY)**

<table>
<thead>
<tr>
<th>Inspection Date and Time: 10/8/11 12:00</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection: 10/8/11</td>
<td>Reason for Last Post-Closure Inspection: Annual</td>
</tr>
</tbody>
</table>

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

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

**Chief Inspector:** Rebecca King

**Assistant Inspector:** George Tjurl

**Title:** Project 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>![Checkmark]</td>
<td>![Checkmark]</td>
<td>![Checkmark]</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 activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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>![Checkmark]</td>
<td>![Checkmark]</td>
<td>![Checkmark]</td>
</tr>
</tbody>
</table>

- a. Have any posts been damaged or their anchoring weakened?
- b. Are all use restriction signs legible?
- c. Are any of the 9 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>![Checkmark]</td>
<td>![Checkmark]</td>
<td>![Checkmark]</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.

<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>File Location: S:\NTS\ER Share</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></td>
</tr>
</tbody>
</table>

4. Field Conclusions/Recommendations:  
All signs and posts are in good condition. No issues.

**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/: Rebecca King  
Date: 10/3/11  
Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 10/18/2011  
Printed Name: Thomas A. Thiele (or designee)
CAU 372: AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS – CAS 18-45-02, LITTLE FELLER I SURFACE CRATER**

**Inspection Date and Time:** 10/3/11 9:50  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** NA  
**Reason for Last Post-Closure Inspection:** NA

**Responsible Entity:** NStec Environmental Restoration, Nevada National Security Site, Mercury, Nevada

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

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

### A. GENERAL INSTRUCTIONS
- Complete all checklist items.
- If a SHARED 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><strong>This is the 1st annual inspection</strong></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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection. 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>a. Is there damage to the fence or fence posts?</td>
<td>✓</td>
<td>One wire rope strand down on north and one on west</td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>d. Are any of the 11 use restriction signs damaged or missing?</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. Do any Contamination Area signs need to be replaced or re-hung?</td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS – CAS 18-45-02, LITTLE FELLER I SURFACE CRATER**

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 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:**
   - **a. Have photographs been taken of the site?** ✔
   - If yes, how many photos were taken? 5
   - If yes, has a photographic log been prepared? ✔

   **File Location:** S:\NTS\ER Share: Photos\CAU 372\2011\10-03-11 LITTLE FELLER II

**E. FIELD CONCLUSIONS**

1. Are more frequent inspections required? ✔
2. Are existing maintenance/repair actions satisfactory? ✔
3. Are maintenance/repair actions necessary? ✔
   - **Repair wire rope and CA sign**

4. **Field Conclusions/Recommendations:**
   - Fence posts and sign all in good condition except one wire rope strand is down for about 20 yds on north and 50 yds on west. One CA sign to refasten.

**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/: Rebecca King

**Date:** 10/3/11

**Printed Name:** Rebecca King

**Title:** Project Manager

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

**Signature:** /s/: Reed J. Poderis for TAT

**Date:** 10/18/2011

**Printed Name:** Thomas A. Thiele (or designee)
### POST-CLOSURE INSPECTION CHECKLIST
#### CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS – CAS 18-45-03, LITTLE FELLER II SURFACE CRATER

**Inspection Date and Time:** 10/3/11 11:05  
**Reason for Inspection:** Annual  
**Date of Last Post-Closure Inspection:** NA  
**Reason for Last Post-Closure Inspection:** NA  

**Responsible Entity:** NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada  
**Responsible Facility Owner:** Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project  
**Chief Inspector:** Rebecca Kies  
**Assistant Inspector:** George Judick  

#### 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><img src="yes" alt="1" /></td>
<td><img src="no" alt="1" /></td>
<td>This is the 1st annual inspection</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 activities 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  
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment  

#### D. SITE INSPECTION
- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection. 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.  
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<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="yes" alt="1" /></td>
<td><img src="no" alt="1" /></td>
<td>2 wire rope strands down (100 yds) on SE, 2 strands down or at ENE</td>
</tr>
<tr>
<td><img src="yes" alt="1" /></td>
<td><img src="no" alt="1" /></td>
<td>1 post cut has red sign</td>
</tr>
<tr>
<td><img src="yes" alt="1" /></td>
<td><img src="no" alt="1" /></td>
<td>1 sign on ENE needs crossbar &amp; attached</td>
</tr>
<tr>
<td><img src="yes" alt="1" /></td>
<td><img src="no" alt="1" /></td>
<td>one on NNE and one on ENE</td>
</tr>
</tbody>
</table>

---

Page 1 of 2
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS – CAS 18-45-03, LITTLE FELLER II SURFACE CRATER**

## 2. Use-Restricted Area:

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

- 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 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>![YES]</td>
<td></td>
<td>File Location: S:\NTSIER Share\Photos\CAU 372\2011 - Little Feller II 10-23-11 Little Feller II</td>
</tr>
</tbody>
</table>

- a. Have photographs been taken of the site?  
  ![YES]  

- If yes, how many photos were taken?  
  ![4]  

- If yes, has a photographic log been prepared?  
  ![YES]  

## E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>![YES]</td>
<td></td>
<td>GNU and signs repair</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:  
  Wireless rope strands need repair. 2 fence posts to be re-anchored, one HPS sign with corner to refasten and 2 CA signs are down.

## 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/ Rebecca King  
**Printed Name:** Rebecca King  
**Date:** 10/3/11  
**Title:** Project Manager

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

**Signature:** /s/ Reed J. Poderis for TAT  
**Date:** 10/18/2011  
**Printed Name:** Thomas A. Thiele (or designee)
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS – CAS 20-23-01, U-20k CONTAMINATION AREA**

**Inspection Date and Time:** 10/4/11 12:05  
Reason for Inspection: **Annual**

**Date of Last Post-Closure Inspection:** NA  
Reason for Last Post-Closure Inspection: NA

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Curtis Obi  
**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>1. Has the Post-Closure Plan been reviewed?</td>
<td>☑</td>
<td>This is the 1st annual inspection.</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 repair activities performed since the 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.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection. 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>a. Is there damage to the fence or fence posts?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>c. Are all use restriction signs legible?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>d. Are any of the 19 use restriction signs damaged or missing?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be rehung?</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>h. Do any Contamination Area signs need to be replaced or rehung?</td>
<td>☑</td>
<td>One sign @ 37.2879 116.52752 needs to be rehung</td>
</tr>
</tbody>
</table>
### POST-CLOSURE INSPECTION CHECKLIST

#### CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS – CAS 20-23-01, U-20k CONTAMINATION AREA

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 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:  
   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?  
   □ YES □ NO  
   File Location: S:\NTS\ER\Share\Photos\CAU 372\2011_10-06-2011_Palanquin

#### E. FIELD CONCLUSIONS

1. Are more frequent inspections required?  
   [ ]

2. Are existing maintenance/repair actions satisfactory?  
   □ YES □ NO  
   Rehang CA sign

3. Are maintenance/repair actions necessary?  
   □ YES □ NO  
   Rehang CA sign

4. Field Conclusions/Recommendations:  
   UL signs and fencing are in good condition. Due CA sign to rehang.

#### 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/: Rebecca King  
Date: 10/16/11  
Title: Project Manager

Printed Name: Rebecca King

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 10/18/2011

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

**CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS—CAS 20-45-01, U-20L CRATER (CABRIOLET)**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/4/11 2:05</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>NA</td>
<td>Reason for Last Post-Closure Inspection: NA</td>
</tr>
</tbody>
</table>

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

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

Chief Inspector: **Rebecca Knix**

Assistant Inspector: **Curtis Obi**

**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>![Checkmark]</td>
<td>![Checkmark]</td>
<td>This is the 1st annual inspection</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 activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

**D. SITE INSPECTION**
- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection. 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>![Checkmark]</td>
<td>![Checkmark]</td>
<td></td>
</tr>
</tbody>
</table>

- a. Is there damage to the fence or fence posts?
- b. Have any sign posts been damaged or their anchoring weakened?
- c. Are all use restriction signs legible?
- d. Are any of the 16 use restriction signs damaged or missing?
- e. How many damaged or missing signs need to be replaced?
- f. Are any use restriction signs down?
- g. How many down signs need to be re-hung?
- h. Do any Contamination Area signs need to be replaced or re-hung?

One CA sign needs to be re-hung at 37.2822, 116.5124

Page 1 of 2
POST-CLOSURE INSPECTION CHECKLIST

CAU 372, AREA 20 CABRIOLET/PALANQUIN UNIT CRATERS -
CAS 20-45-01, U-20L CRATER (CABRIOLET)

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 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:
   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? YES

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

3. Are maintenance/repair actions necessary? YES

4. Field Conclusions/Recommendations: All fencing and use restriction signs in good condition. One Us sign needs to be re-heeng.

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/: Rebecca King
Printed Name: Rebecca King
Date: 10/6/11
Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT
Printed Name: Thomas A. Thiele (or designee)
Date: 10/18/2011
CAU 374: AREA 20 SCHOONER UNIT CRATER
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 374, AREA 28 SCHOONER UNIT CRATER – CAS 18-23-01, DANNY BOY CONTAMINATION AREA**

<table>
<thead>
<tr>
<th>Inspection Date and Time</th>
<th>10/3/11 12:55</th>
<th>Reason for Inspection</th>
<th>Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection</td>
<td>N/A</td>
<td>Reason for Last Post-Closure Inspection</td>
<td>N/A</td>
</tr>
<tr>
<td>Responsible Entity</td>
<td>NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Responsible Facility Owner</td>
<td>Thomas A. Thiele, Project Manager, Soils, Environmental Restoration Project</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chief Inspector</td>
<td>Rebecca Knis</td>
<td>Title</td>
<td>Project Manager</td>
</tr>
<tr>
<td>Assistant Inspector</td>
<td>George Juine</td>
<td>Title</td>
<td>Site 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>Item</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has the Post-Closure Plan been reviewed?</td>
<td>√</td>
<td></td>
<td>This is the 1st annual inspection</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 repair activities 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:
- Obtain 18-2c Gate key from OCC to access the site
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection. 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>Item</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Is there damage to the fence?</td>
<td>√</td>
<td></td>
<td>Broken wire strands near gate, NE corner, and North</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 all use restriction signs legible?</td>
<td></td>
<td>√</td>
<td></td>
</tr>
<tr>
<td>d. Are any of the 20 use restriction signs damaged or missing?</td>
<td></td>
<td>√</td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. Do any Contamination Area signs need to be replaced or re-hung?</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 374, AREA 20 SCHOONER UNIT CRATER – CAS 18-23-01, DANNY BOY CONTAMINATION AREA**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>i. Does the historical sign need to be replaced or re-hung?</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>2. Use-Restricted Area:</td>
<td>YES</td>
<td>NO</td>
</tr>
<tr>
<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 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></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></td>
<td>If yes, how many photos were taken?</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td></td>
<td>File Location: S:\NTSR\ER Share\Photos\CAU 374\2011\03-03-2011\Danny Boy</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>Replace fence wire.</td>
</tr>
</tbody>
</table>

4. Field Conclusions/Recommendations: Broken wire strands near gate, NE corner and north fence. Signs, posts and remaining fence are in good condition.

**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/: Rebecca King  Date: 10/3/11

Printed Name: Rebecca King  Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT  Date: 10/10/2011

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

**CAU 374, AREA 20 SCHOONER UNIT CRATER – CAS 20-45-03, U-20u CRATER (SCHOONER)**

<table>
<thead>
<tr>
<th>Inspection Date and Time:</th>
<th>10/4/11 10:00</th>
<th>Reason for Inspection: Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Last Post-Closure Inspection:</td>
<td>NA</td>
<td>Reason for Last Post-Closure Inspection: NA</td>
</tr>
</tbody>
</table>

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

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

**Chief Inspector:** Rebecca Kline, Title: Project Manager

**Assistant Inspector:** Curtis Ohi, 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>This is the 1st annual inspection</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 repair activities 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
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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.
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<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 sign 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 18 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>
<tr>
<td>g. Does the historical sign need to be replaced or re-hung?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

2. Use-Restricted Area:

<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 evidence of human intrusion onto the site?</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 374, AREA 20 SCHOONER UNIT CRATER – CAS 20-45-03, U-20u CRATER (SCHOONER)**

### 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?
- If yes, how many photos were taken?
- If yes, has a photographic log been prepared?

File Location: S:\NTS\ER Share\Photos\CAU 374\2011\10-06-2011 Photographs

### 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: **All signs and posts are in good condition. No issues.**

### 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/: Rebecca King  
Date: 10/6/11  
Title: Project Manager

Printed Name: Rebecca King

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 10/6/2011  
Printed Name: Thomas A. Thiele (or designee)
CAU 375: AREA 30 BUGGY UNIT CRATERS
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 375, AREA 30 BUGGY UNIT CRATERS – CAS 25-22-22, CONTAMINATED SOILS SITE**

| Inspection Date and Time: | 12/20/11 9:45 | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | NA | Reason for Last Post-Closure Inspection: | NA |

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

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

**Chief Inspector:** Rebecca Rui, Title: Proj Mgr

**Assistant Inspector:** Mike Floyd, Title: Field Supr

**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>1st annual inspection</td>
</tr>
<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>

**C. SITE INSPECTION PREPARATION**

-_radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

**D. SITE INSPECTION**

- The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Test Cell A Facility is not required for 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. 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>
<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>

Page 1 of 2
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 375, AREA 30 BUGGY UNIT CRATERS – CAS 25-23-22, CONTAMINATED SOILS SITE**

### 2. Use-Restricted Area:

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

#### 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 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?

- If yes, how many photos were taken?

#### b. If yes, has a photographic log been prepared?

---

### E. FIELD CONCLUSIONS

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>(required if shaded box is checked)</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: Signage, fencing, and site are in good condition. No issues.

---

### 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/: Rebecca King**

**Date: 12/20/11**

**Printed Name: Rebecca King**

**Title: Prep Eng**

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

**Signature: /s/: Reed J. Poderis for TAT**

**Date: 1/3/2011**

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

Page 2 of 2
POST-CLOSURE INSPECTION CHECKLIST

CAU 375, AREA 30 BUGGY UNIT CRATERS – CAS 30-45-01, U-30a, b, c, d, e CRATERS

Inspection Date and Time: 10/3/11  2:40  Reason for Inspection: Annual

Date of Last Post-Closure Inspection: NA  Reason for Last Post-Closure Inspection: NA

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

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

Chief Inspector: Rebecca King  Title: Project Manager
Assistant Inspector: George Juniel  Title: Dr. 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>NA This is the 1st Annual Inspection</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 repair activities 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:

• Obtain key from OCC to access Cat Canyon Road
• Radio, pager, etc.
• Previous letter report, inspection checklists, repair records, and as-built plans
• Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

D. SITE INSPECTION

• The site inspection is a walking inspection of the entire perimeter to visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the fenced Contamination Area is not required for the inspection. 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 attached attachments adequately describe site conditions.

I. 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 the fence or fence posts?</td>
<td>✔️</td>
<td>✔️</td>
<td>1 wire stand is down and 1 post needs replacing and new wire</td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</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. Are any of the 18 use restriction signs damaged or missing?</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
<tr>
<td>h. Do any Contamination Area signs need to be replaced or re-hung?</td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
</tbody>
</table>
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 375, AREA 30 BUGGY UNIT CRATERS – CAS 30-45-01, U-30a, b, c, d, e CRATERS**

### 2. Use-Restricted Area:

<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 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 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></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>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td>✓</td>
<td></td>
<td>File Location: SANTS\ER Share\Photos\CAU 375-2011\10-03-2011 Buggy Inspection</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>4. Field Conclusions/Recommendations: Site is in good condition except 1 wire strand is derailed at left of gate and a loose post up the hill and to right of gate.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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/: Rebecca King  
- **Date:** 10/3/11  
- **Title:** Project Manager

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

- **Signature:** /s/: Reed J. Poderis for TAT  
- **Date:** 10/18/2011  
- **Printed Name:** Thomas A./Miele (or designee)
CAU 383: AREA 12 E-TUNNEL SITES
# POST-CLOSURE INSPECTION CHECKLIST

**CAU 383, AREA 12 E-TUNNEL SITES – CAS 12-06-06, MUCKPILE, CAS 12-25-02, OIL SPILL, AND CAS 12-28-02, RADIOACTIVE MATERIAL**

| Inspection Date and Time: | 11/14/11 2pm | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | 10/10/10 | Reason for Last Post-Closure Inspection: | Annual |
| Responsible Entity: | NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada |
| Responsible Facility Owner: | Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project |
| Chief Inspector: | Rebecca King | Title: | Project Manager |
| Assistant Inspector: | Mike Floyd | Title: | Field Supervisor |

## 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 repair activities 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:
- ER SKD66 key to access the sites
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION
- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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 the fence or fence posts?</td>
<td>✓</td>
<td></td>
<td>Fence strand down between 1st Ur. Sign and Gate</td>
</tr>
<tr>
<td>b. Have any sign posts been damaged or their anchoring weakened?</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. Are any of the 11 use restriction signs damaged or missing?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. How many damaged or missing signs need to be replaced?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Are any use restriction signs down?</td>
<td></td>
<td>✓</td>
<td>1 Sign Down</td>
</tr>
<tr>
<td>g. How many down signs need to be re-hung?</td>
<td></td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>h. Do any Underground Radioactive Material Area signs need to be replaced or re-hung?</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, AND CAS 12-28-02, RADIOACTIVE MATERIAL**

## 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>Repair to drainage piping has occurred.</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 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?

  - If yes, how many photos were taken?
  - If yes, has a photographic log been prepared?

  - File Location: S:\NTS\ER Share\Photos\CAU 383\2011

## 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?


## 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/: Rebecca King**
- **Date: 11/14/11**
- **Title: Project Manager**

## G. VERIFICATION

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

- **Signature: /s/: Reed J. Poderis for TAT**
- **Date:**

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

---

Page 2 of 2
CAU 476: AREA 12 T-TUNNEL MUCKPILE and
CAU 559: T-TUNNEL COMPRESSOR/BLOWER PAD
# 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:** 10/19/11 2:34:48pm

**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 10/11/10

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

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

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

**Chief Inspector:** Rebecca King

**Title:** Project Manager

**Assistant Inspector:** Sarah Ryan

**Title:** RCT

---

## 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 repair activities 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:

- ER SKD66 key to access the site
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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>a. Is there damage to the gate?</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. Is the gate lock in place and functional?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<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 legible?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Is the use restriction sign damaged or missing and need to be replaced?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Is the use restriction sign down and need to be re-hung?</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 2. Use-Restricted Area:

<table>
<thead>
<tr>
<th>a. Is there evidence of human intrusion onto the site?</th>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
</tr>
</thead>
</table>

---

Page 1 of 2
**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**

**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:
   - 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?
     - File Location: SANTS/ER Share\Photos\CAU 476\2011

**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>
</tbody>
</table>

4. Field Conclusions/Recommendations: Site and gate in good condition.

**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/: Rebecca King  Date: 10/19/11

Printed Name: Rebecca King  Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT  Date: 11/4/11

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

**CAU 477, AREA 12 N-TUNNEL MUCKPILE – CAS 12-06-03, MUCKPILE**

**Inspection Date and Time:** 10/18/11 1310  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 10/11/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:**  
**Title:** Project Manager

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

---

## 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>![Checkmark]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>![Checkmark]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>![Checkmark]</td>
<td>![Checkmark]</td>
<td>UR sign was repaired</td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- **ER SKD66 key to access the site**
- **Radio, pager, etc.**
- **Previous letter report, inspection checklists, repair records, and as-built plans**
- **Camera, digital storage drive, extra batteries, and other miscellaneous support equipment**

## D. SITE INSPECTION

- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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:

- ![Checkmark] Is there damage to the gate?

### 2. Use-Restricted Area:

- ![Checkmark] Is there evidence of human intrusion onto the site?
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 477, AREA 12 N-TUNNEL MUCKPILE – CAS 12-06-03, MUCKPILE**

**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?
- **If yes, how many photos were taken?** 1
- **If yes, has a photographic log been prepared?**

#### F. 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:

- Sign, posts and anchors in good condition. Gate and lock in good condition. No issues.

### 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/ Rebecca King  
**Date:** 10/13/11  
**Printed Name:** Rebecca King  
**Title:** Project Manager

### G. VERIFICATION:

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

**Signature:** /s/ Reed J. Poderis for TAT  
**Date:** 11/4/11  
**Printed Name:** Thomas A. Thiele (or designee)
CAU 478: AREA 12 T-TUNNEL PONDS
## POST-CLOSURE INSPECTION CHECKLIST

**CAU 478, AREA 12 T-TUNNEL PONDS – CAS 12-23-01, PONDS (5), RAD AREA**

**Inspection Date and Time:** 10/19/11 2:30 PM  
**Reason for Inspection:** Annual

**Date of Last Post-Closure Inspection:** 10/11/10  
**Reason for Last Post-Closure Inspection:** Annual

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

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

**Chief Inspector:** Rebecca King  
**Title:** Project Manager

**Assistant Inspector:** Sarah Ryan  
**Title:**

### 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>![Checkmark]</td>
<td>![Cross]</td>
<td><strong>Fencing along road repaired</strong></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 activities performed since the last inspection?

### C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- **ER SKD66 key to access the site**
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

### D. SITE INSPECTION

- Visually inspect all features specifically described in this checklist and observe whether there is an indication that the use restriction may have been compromised. Entry into the use-restricted area is not required for the inspection. 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:**
   - Is there damage to the gate?  
   - Is the gate lock in place and functional?  
   - Have any posts been damaged or their anchoring weakened?  
   - Is the use restriction sign legible?  
   - Is the use restriction sign damaged or missing and need to be replaced?  
   - Is the use restriction sign down and need to be re-hung?

2. **Use-Restricted Area:**
   - Is there evidence of human intrusion onto the site?
### POST-CLOSURE INSPECTION CHECKLIST

**CAU 478, AREA 12 T-TUNNEL PONDS – CAS 12-23-01, PONDS (5), RAD 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></td>
<td></td>
</tr>
<tr>
<td>If yes, has a photographic log been prepared?</td>
<td></td>
<td></td>
<td>File Location: S:\NTS\ER Share\Photos\CAU 478 2011</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></td>
</tr>
</tbody>
</table>

4. Field Conclusions/Recommendations: **Site, gate, and signage in good condition.**

#### 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/: Rebecca King  
Date: 10/19/11

Printed Name: Rebecca King

Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT  
Date: 1/4/14

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

**CAU 482, AREA 15 U15a/e MUCKPILES AND PONDS**  
**CAS 15-06-01, U15e MUCKPILE, CAS 15-06-02, U15a MUCKPILE, AND CAS 15-38-01, AREA 15 U15a/e PONDS**

| Inspection Date and Time: | 10/27/11 2pm | Reason for Inspection: | Annual |
| Date of Last Post-Closure Inspection: | 10/25/10 | Reason for Last Post-Closure Inspection: | Annual |
| Responsible Entity: | NSTec Environmental Restoration, Nevada National Security Site, Mercury, Nevada |
| Responsible Facility Owner: | Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project |
| Chief Inspector: | Rebecca King |
| Assistant Inspector: | Scott Roberts |
| Title: | Project Manager |

## 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>
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<tr>
<th>YES</th>
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<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 repair activities performed since the last inspection?</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

## C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:
- ER SKD66 key to access the site
- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Camera, digital storage drive, extra batteries, and other miscellaneous support equipment

## D. SITE INSPECTION

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### 1. Site Markers:

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<td>a. Is there damage to the gate?</td>
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<td></td>
</tr>
<tr>
<td>b. Is the gate lock in place and functional?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>c. Have any posts been damaged or their anchoring weakened?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>d. Is the use restriction sign legible?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>e. Is the use restriction sign damaged or missing and need to be replaced?</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>f. Is the use restriction sign down and need to be re-hung?</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>

### 2. Use-Restricted Area:

<table>
<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION (required if shaded box is checked)</th>
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</thead>
<tbody>
<tr>
<td>a. Is there evidence of human intrusion onto the site?</td>
<td>✔</td>
<td></td>
</tr>
</tbody>
</table>
POST-CLOSURE INSPECTION CHECKLIST

CAU 482, AREA 15 U15a/e MUCKPILES AND PONDS –
CAS 15-06-01, U15e MUCKPILE, CAS 15-06-02, U15a MUCKPILE, AND CAS 15-38-01, AREA 15 U15a/e PONDS

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.
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<thead>
<tr>
<th>YES</th>
<th>NO</th>
<th>EXPLANATION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>File Location: S:\NTS\ER Share: Photos\CAU 482 10-2011 Inspection</td>
</tr>
</tbody>
</table>

a. Have photographs been taken of the site? ✓

If yes, how many photos were taken? 1

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? ✓


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/: Rebecca King
Date: 10/27/11
Title: Project Manager

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

Signature: /s/: Reed J. Poderis for TAT
Date: 11/2/11
Printed Name: Thomas A. Thiele (or designee)