Department of Energy
National Nuclear Security Administration
Nevada Site Office
P.O. Box 98518
Las Vegas, NV 89193-8518

MAY 26 2011

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 ON THE NEVADA NATIONAL SECURITY SITE,
MAY 2011**

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

INDUSTRIAL SITES

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

CAU 5, Landfills

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

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

CAU 113, Area 25 R-MAD Facility

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

CAU 115, Area 25 Test Cell A Facility

One CAS in CAU 115 requires inspections. CAS 25-41-04 was inspected on November 15, 2010. During the previous inspection performed for CY 2009, one sign was down. Sign maintenance was completed in May 2010. During the 2010 inspection, no issues were identified, and no maintenance or repairs were required.

CAU 118, Area 27 Super Kukla Facility

One CAS in CAU 118 requires inspections. CAS 27-41-01 was inspected on November 22, 2010. During the inspection, it was noted that minor fence repair was required. Fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 127, Areas 25 and 26 Storage Tanks

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

CAU 137, Waste Disposal Sites

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

CAU 139, Waste Disposal Sites

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

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

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

CAU 143, Area 25 Contaminated Waste Dumps

Two CASs in CAU 143 require inspections. CAS 25-23-03 and CAS 25-23-09 were inspected on November 15, 2010. During the previous inspections performed for CY 2009, several signs were down or missing at CAS 25-23-03 and CAS 25-23-09. Sign maintenance was completed in May 2010. During the 2010 inspections, one sign was down at CAS 25-23-09. Sign maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 145, Wells and Storage Holes

Four CASs in CAU 145 require inspections. CAS 03-20-02, CAS 03-20-04, CAS 03-20-08, and CAS 03-25-01 were inspected on November 1, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 151, Septic Systems and Discharge Area

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

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

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

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

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

CAU 204, Storage Bunkers

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

CAU 254, Area 25 R-MAD Decontamination Facility

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

CAU 261, Area 25 Test Cell A Leachfield System

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

CAU 262, Area 25 Septic Systems and UDP

Three CASs in CAU 262 require inspections. CAS 25-02-06, CAS 25-05-03, and CAS 25-05-08 were inspected on November 15, 2010. During the previous inspections performed for CY 2009, signs needed to be replaced at CAS 25-02-06. Sign maintenance was completed in May 2010. During the 2010 inspections, one sign needed to be replaced at CAS 25-02-06. Sign maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 309, Area 12 Muckpiles

Three CASs in CAU 309 require inspections. CAS 12-06-09, CAS 12-08-02, and CAS 12-28-01 were inspected on October 11, 2010. No issues were identified, and no maintenance or repairs were required.

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

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

CAU 357, Mud Pits and Waste Dump

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

CAU 528, Polychlorinated Biphenyls Contamination

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

CAU 529, Area 25 Contaminated Materials

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

CAU 542, Disposal Holes

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

CAU 543, Liquid Disposal Units

Three CASs in CAU 543 require inspections. CAS 06-07-01 was inspected on November 9, 2010. CAS 15-01-03 and CAS 15-23-03 were inspected on October 25, 2010. During the previous inspections performed for CY 2009, one radiological warning sign was down at CAS 15-01-03 and CAS 15-23-03. Sign maintenance was completed in April 2010. During the 2010 inspections, three signs were missing, and it was noted that minor fence repair was required at CAS 15-01-03 and CAS 15-23-03. Sign and fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

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

Two CASs in CAU 545 require inspections. CAS 03-08-03 and CAS 03-23-05 were inspected on November 1, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 546, Injection Well and Surface Releases

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

CAU 551, Area 12 Muckpiles

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

CAU 552, Area 12 Muckpile and Ponds

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

CAU 554, Area 23 Release Site

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

CAU 560, Septic Systems

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

SOILS SITES

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

CAU 107, Low Impact Soil Sites

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

CAU 370, T-4 Atmospheric Test Site

One CAS in CAU 370 requires inspections. CAS 04-23-01 was inspected on November 9, 2010. During the inspection, two signs were down, and it was noted that minor fence repair was required. Sign and fence maintenance will be completed in 2011 and reported in the next letter report. No other issues were identified.

CAU 371, Johnnie Boy Crater and Pin Stripe

Two CASs in CAU 371 require inspections. CAS 11-23-05 was inspected on November 1, 2010. CAS 18-45-01 was inspected on October 18, 2010. No issues were identified, and no maintenance or repairs were required.

DEFENSE THREAT REDUCTION AGENCY SITES

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

CAU 383, Area 12 E-Tunnel Sites

Three CASs in CAU 383 require inspections. CAS 12-06-06, CAS 12-25-02, and CAS 12-28-02 were inspected on October 11, 2010. During the previous inspections performed for CY 2009, it was observed that T-posts and one sign required repair. T-post and sign maintenance was completed in May 2010. During the 2010 inspections, no issues were identified, and no maintenance or repairs were required.

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

One CAS in CAU 476 and one CAS in CAU 559 require inspections. The sites are co-located and reported on a single inspection checklist. CAS 12-06-02 and CAS 12-25-13 were inspected on October 11, 2010. No issues were identified, and no maintenance or repairs were required.

CAU 477, Area 12 N-Tunnel Muckpile

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

CAU 478, Area 12 T-Tunnel Ponds

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

CAU 482, Area 15 U15a/e Muckpiles and Ponds

Three CASs in CAU 482 require inspections. CAS 15-06-01, CAS 15-06-02, and CAS 15-38-01 were inspected on October 25, 2010. No issues were identified, and no maintenance or repairs were required.

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

Original Signed by:
Rob Boehlecke

Robert F. Boehlecke
Federal Project Director
Environmental Restoration Project

ERP:7556.TL

Enclosures:
As stated

cc w/encls.: NSTec Distro

J. T. Fraher, DTRA/CXTS,
Kirtland AFB, NM

J. J. MacDougall, NDEP,
Las Vegas, NV (2 electronic copies)

T. M. Zaferatos, NDEP, Las Vegas, NV
Northern Nevada Public Reading Facility,
Carson City, NV (1 electronic copy)
Southern Nevada Public Reading Facility,
Las Vegas, NV (2 electronic copies)

M. J. Krauss, N-I, Las Vegas, NV
N-I Central Files, MS NSF 156
Glenn Richardson, NSTec, Las Vegas, NV
T. A. Thiele, NSTec, Las Vegas, NV
NSTec Correspondence Control,
MS NLV008

NSTec STI Point of Contact, MS NLV051
(electronic copy to OSTI)

T. A. Lantow, ERP, NNSA/NSO,
Las Vegas, NV
Technical Library, NNSA/NSO,
Las Vegas, NV (electronic copy)

cc w/o encls.:

T. D. Taylor, N-I, Las Vegas, NV
K. J. Cabble, ERP, NNSA/NSO,
Las Vegas, NV
E. F. Di Sanza, WMP, NNSA/NSO,
Las Vegas, NV
FFACO Group, PSG, NNSA/NSO,
Las Vegas, NV
NNSA/NSO Read File

Nevada
Environmental
Restoration
Project

ENCLOSURE: INSPECTION CHECKLISTS

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

Calendar Year 2010

May 2011

Environmental Restoration
Division

U.S. Department of Energy
National Nuclear Security Administration
Nevada Site Office

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/22/10 1:20 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/17/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>None</u>	Title: <u>-</u>

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	✓		
2. Have the previous inspection reports been reviewed?	✓		
3. Were anomalies or trends detected on previous inspections?		✓	
4. Were maintenance or repairs performed since last inspection?	✓		
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?		✓	N/A

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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

I. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	✓		The anchoring of 1 set of T-posts appears to have been weakened by strong winds.
b. Are all use restriction signs legible?	✓		
c. Are any of the 11 use restriction signs damaged or missing?		✓	

POST-CLOSURE INSPECTION CHECKLIST

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

d. How many damaged or missing signs need to be replaced?	0		
e. Are any use restriction signs down?	☒	<i>Two signs are down that need to be rehung.</i>	
f. How many down signs need to be re-hung?	2		
2. Waste unit covers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?	☐	☒	
b. Is there evidence of erosion (wind or water)?	☐	☒	
c. Is there evidence of human intrusion onto the site?	☐	☒	
d. Is there evidence of large animal intrusion onto the site?	☐	☒	
Photograph Instructions: <ul style="list-style-type: none"> • Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. • Anomalous features or new features (such as changes in adjacent area land use) should be photographed. • Other photographs are optional. • A photograph log entry will be made for each photograph taken. 			
3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?	3		
If yes, has a photographic log been prepared?	☒	☐	
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?	☒	☐	<i>Two signs and one set of T-posts need maintenance/repair actions.</i>
4. Is there an imminent hazard to the integrity of the landfill cover?	☐	☒	
5. Field conclusions/recommendations: <i>Overall site conditions are good, but noticed two UR signs down that need to be rehung and one set of T-posts that need repair or replacement. There is no evidence of erosion or settling on the landfill cover.</i>			

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 11/22/10

Printed Name:

Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos

(or note File Location: S:\NTS\ER Share\Photos\CAU 005\2010\11-22-2010 CAU 005 CAS 05-15-01 Inspection

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/22/10 2:55 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/17/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>None</u>	Title: <u>—</u>

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	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. Was maintenance or repairs performed since last inspection?	☒	☐	<u>Signs that were noticed down were rehung back on T-posts.</u>	
a. If so, has site repair resulted in a change from as-built conditions?	☐	☒		NA
b. If yes (to 4a), are revised as-built plans available that reflect repair changes?	☐	☐		NA ☒

C. SITE INSPECTION PREPARATION

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

D. SITE INSPECTION

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

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

D. SITE INSPECTION (continued)

1. Site markers East of Berm:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the use restriction signs damaged or missing?		✓	<i>One (1) sign was noticed down that needs to be rehung.</i>
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		
2. Waste unit cover East of Berm:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water)?		✓	
c. Is there evidence of human intrusion into the cover?		✓	
d. Is there evidence of large animal intrusion into the cover?		✓	
3. Site markers West of Berm:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?		✓	
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are any of the use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many signs need to be replaced?	0		
4. Waste unit cover West of Berm:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water)?		✓	
c. Is there evidence of human intrusion into the cover?		✓	
d. Is there evidence of large animal intrusion into the cover?		✓	
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			
5. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		

POST-CLOSURE INSPECTION CHECKLIST			
CAU 005: LANDFILLS - CAS 05-16-01, LANDFILL			
5. Photograph Documentation (continued):	YES	NO	EXPLANATION
If yes, how many photos were taken?	3		
If yes, has a photographic log been prepared?	✓		
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?	✓		If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover?		✓	If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)
5. Field conclusions/recommendations: <i>One sign that was noticed down will need to be rehung. All other site conditions are great for satisfying the use restriction requirements.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 05-16-01, Landfill, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/: Glenn Richardson	Date: <i>11/22/10</i>		
Printed Name: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>		

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 005\2010\11-22-2010 CAU005 CAS 05-16-01 Inspection

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

G. VERIFICATION	
I have reviewed this checklist and attachments and have verified that it is complete.	
Signature: /s/: Reed Poderis	Date: <i>12/29/2010</i>
Printed Name: Thomas A. Thiele (or designee)	

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/9/10 12:20</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>11/9/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Dudley Emer</u>	Title: <u>So. Scientist</u>

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	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 of the landfill unit performed since the last inspection?	☒	☐	<u>down sign repaired</u>
a. If so, has site repair resulted in a change from as-built conditions?	☐	☐	NA
b. If yes (to 4a), are revised as-built plans available that reflect repair changes?	☐	☐	NA

C. SITE INSPECTION PREPARATION

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers around fenced area:			
a. Is there damage to the gates?		✓	
b. Are the gate locks in place and functional?	✓		lock is a "59" key not a "66" key
c. Is there damage to the fence?		✓	
d. Have any posts been damaged or their anchoring weakened?		✓	
e. Are any of the use restriction signs damaged or missing?		✓	
f. Are all use restriction signs legible?	✓		
g. How many signs need to be replaced?	0		
2. Waste unit cover in fenced area:			
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water)?		✓	
c. Is there evidence of human intrusion into the cover?		✓	
d. Is there evidence of large animal intrusion into the cover?		✓	
3. Site markers from south boundary of use restricted area to fence:			
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the use restriction signs damaged or missing?		✓	
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		
4. Waste unit cover from south boundary of use restricted area to fence:			
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water)?		✓	
4. Waste unit cover from south boundary of use restricted area to Fence (continued):			
c. Is there evidence of human intrusion into the cover?		✓	
d. Is there evidence of large animal intrusion into the cover?		✓	
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			

POST-CLOSURE INSPECTION CHECKLIST

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

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

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?		✓	If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover?		✓	If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

5. Field conclusions/recommendations: Site is in good condition
Recommend changing the
"59" gate lock with a Standard
FR "66" keyed lock

F. CERTIFICATION

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

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

Date: 11/9/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\ Photos\ CAU 005\ 2010\ 11-9-2010 CAU 005 CAS 06-08-01 Inspection)

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

Inspection Requirement: **Annual** (through December 2011)
then **Every 5 years** (through December 2036)

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 005: LANDFILLS

- CAS 06-15-02, SANITARY LANDFILL

CAS 06-15-03, SANITARY LANDFILL, BURN PIT

Inspection Date and Time: 11/9/10 12:50

Reason for Inspection: Annual

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

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Test Manager

Assistant Inspector: Douglas Emer

Title: So Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

☒

☐

2. Have the previous inspection reports been reviewed?

☒

☐

3. Were anomalies or trends detected on previous inspections?

☐

☒

4. Were maintenance or repairs performed since last inspection?

☒

☐

Signs Reeking

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

CAU 005: LANDFILLS

- CAS 06-15-02, SANITARY LANDFILL

CAS 06-15-03, SANITARY LANDFILL, BURN PIT

D. SITE INSPECTION (continued)

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are any of the use restriction signs damaged or missing?	☐	☒	
c. Are all use restriction signs legible?	☒	☐	
d. How many signs need to be replaced?	0		

2. Waste unit covers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?	☐	☒	
b. Is there evidence of erosion (wind or water)?	☐	☒	
c. Is there evidence of human intrusion into the covers?	☐	☒	
d. Is there evidence of large animal intrusion into the covers?	☐	☒	

Photograph Instructions:

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

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

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?	☐	☒	If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover?	☐	☒	If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

5. Field conclusions/recommendations: Site is in good condition no issues noted.

Inspection Requirement: Annual (through December 2011)
then Every 5 years (through December 2036)

POST-CLOSURE INSPECTION CHECKLIST

CAU 005: LANDFILLS

- CAS 06-15-02, SANITARY LANDFILL

CAS 06-15-03, SANITARY LANDFILL, BURN PIT

F. CERTIFICATION

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

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

Date: 11/9/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU005\2010\11-9-2010 CAU005 CAS 06-15-02

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 10/11/10 09:20

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/9/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dooley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	
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
- 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:

	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to any of the 3 gates?	☐	☒	
b. Are the gate locks in place and functional?	☒	☐	
c. Is there damage to the fence?	☒	☐	1st and 4th far west corner broken
d. Have any posts been damaged or their anchoring weakened?	☐	☒	
e. Are all use restriction signs legible?	☒	☐	
f. Are any of the use restriction signs damaged or missing?	☐	☒	
g. How many damaged or missing signs need to be replaced?	☐	☐	0

POST-CLOSURE INSPECTION CHECKLIST

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

h. Are any use restriction signs down?	☒	7 Signs down need Rehang
i. How many down signs need to be re-hung?	7	
2. Waste unit cover:	YES	NO
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: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 		
3. Photograph Documentation:	YES	NO
a. Have photographs been taken of the site?	☒	☐
If yes, how many photos were taken?	2	
If yes, has a photographic log been prepared?	☒	☐
E. FIELD CONCLUSIONS	YES	NO
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?	☐	☒
5. Field conclusions/recommendations: 7 Signs Need Rehang 1 strand of fence needs Repair		
F. CERTIFICATION		
I have conducted an inspection of CAS 12-15-01, Sanitary Landfill, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.		
Chief Inspector's Signature: /s/: Glenn Richardson	Date: 10/11/10	
Printed Name: Glenn Richardson	Title: Task Manager	

Required Attachments:

- Field Notes (if any)
- Photos

(or note File Location: S:\NTS\VER Share\Photos\CAU 005\2010\10-11-2010 CAU 5 12-15-01 Inspection)

Inspection Requirement: **Annual** (through December 2011)
then **Every 5 Years** (through December 2036)

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>10/18/10 13:08</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/3/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Sudley Emer</u>	Title: <u>So Scientist</u>

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☒	☐	<u>Several down signs repaired</u>
a. If yes, has site repair resulted in a change from as-built conditions?	☐	☐	<u>NA</u>
b. If yes (to 4a), are revised as-built plans available that reflect repair changes?	☐	☐	<u>NA</u>

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

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

D. SITE INSPECTION (continued)

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☒	☐	
b. Are any of the use restriction signs damaged or missing?	☒	☐	
c. Are all use restriction signs legible?	☐	☒	
d. How many signs need to be replaced?		0	

2. Waste unit covers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?	☒	☐	
b. Is there evidence of erosion (wind or water)?	☒	☐	
c. Is there evidence of human intrusion into the cover?	☒	☐	
d. Is there evidence of large animal intrusion into the cover?	☒	☐	

Photograph Instructions:

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

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

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?	☒	☐	If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover?	☒	☐	If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

5. Field conclusions/recommendations: Site is in excellent condition
No issues noted

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 10/18/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 005\2010\10-18-2010 CAU 5 CAS 20-15-01 Inspection

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/29/10</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/17/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Dodley Emery</u>	Title: <u>Sr Scientist</u>

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	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 of the landfill unit 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:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. *Pre-arrange access to WSI training range and Area 23 Landfill and obtain keys to site gates, as needed*
- f. Other miscellaneous support equipment

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (Area 23 Landfill):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the use restriction signs damaged or missing?		✓	
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		
2. Waste unit cover (Area 23 Landfill):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water)?		✓	
c. Is there evidence of human intrusion into the cover?		✓	
d. Is there evidence of large animal intrusion into the cover?		✓	
3. Site markers (WSI Training Facility):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the use restriction signs damaged or missing?	✓		2 signs are down 1 needs Remounting 1 missing
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	1		
4. Waste unit cover (WSI Training Facility):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		✓	
b. Is there evidence of erosion (wind or water)?		✓	
c. Is there evidence of human intrusion into the cover?		✓	
d. Is there evidence of large animal intrusion into the cover?		✓	
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			
5. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	5		
If yes, has a photographic log been prepared?	✓		

E. FIELD CONCLUSIONS

YES

NO

EXPLANATION (required if shaded box is checked)

1. Are more frequent inspections required?

[illegible]

2. Are existing maintenance/repair actions satisfactory?

3. Are maintenance/repair actions necessary?

If "yes", describe in field conclusions/recommendations

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

[illegible]

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

5. Field conclusions/recommendations: 2 Signs are down - 1 needs

Remounting the other is missing and needs Replacement.

F. CERTIFICATION

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

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

Date: 11/29/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)

- Photos (or note File Location: S:\NTS\ER Share\Photos\CA4005\2010\11-29-2010 CA405 CAS 23\15-03 inspection

Distribution: Original – Industrial Sites Project Manager

Copy – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

G. VERIFICATION

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

Signature: /s/ :Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/1/10 14:03	Reason for Inspection: 1st Annual
Date of Last Post-Closure Inspection: 12/30/09	Reason for Last Post-Closure Inspection: BMP
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Dudley Erier	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	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?			N/A BMP
3. Were anomalies or trends detected on previous inspections?		✓	
4. Were maintenance or repairs performed since last inspection?		-	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?	✓		T post Rusted at Angle, loose fencing
b. Have any posts been damaged or their anchoring weakened?	✓		Best T-post

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many use restriction signs need to be replaced?	0		
f. Are any of the URMA signs damaged or missing?		✓	
g. Are all URMA signs legible?	✓		
h. How many URMA signs need to be replaced?	0		

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

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations: Reset T-posts, tension fencing

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date:

11/1/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature:

/s/: Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 10/18/10 10:40 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/30/09

Reason for Last Post-Closure Inspection: BMP

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

✓

2. Have the previous inspection reports been reviewed?

✓

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since last inspection?

✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES NO EXPLANATION (required if shaded box is checked)

a. Is there damage to the fence?

✓

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

✓

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many use restriction signs need to be replaced?	0		
f. Are any of the URMA signs damaged or missing?		✓	
g. Are all URMA signs legible?	✓		
h. How many URMA signs need to be replaced?	0		

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

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations: Site & Signage is in good condition
No issues noted.

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 10/18/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 10:40 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: Not Inspected due to D&D Activities

Reason for Last Post-Closure Inspection: N/A

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

YES	NO	EXPLANATION (required if shaded box is checked)
☒	☐	
☐	☒	Previous inspection was not conducted due to demolition activities.
☐	☒	
☐	☒	

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since the last inspection?

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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

1. Site markers:

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

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?

YES	NO	EXPLANATION (required if shaded box is checked)
☐	☒	
☒	☐	
☐	☒	
☐	☐	0
☐	☒	
☐	☐	0

POST-CLOSURE INSPECTION CHECKLIST

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

Photograph Instructions:

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

2. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?		7	
If yes, has a photographic log been prepared?	☒	☐	

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?	☐	☒	

4. Field Conclusions/Recommendations: *D&D activities are completed. New signage was installed to delineate the use restriction boundary.*

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

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photographs

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

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

Signature /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 13:25

Reason for Inspection: Appeal

Date of Last Post-Closure Inspection: 12/17/09

Reason for Last Post-Closure Inspection: Appeal

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Eiler

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the fence perimeter (of the Test Cell A compound) and of the perimeter of the use-restricted (pad) area.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

I. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the gate?	☐	☒	
b. Is the gate lock in place and functional?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):

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

c. Is there damage to the fence?

d. Have any posts been damaged or their anchoring weakened?

e. Are any of the four (4) use restriction signs damaged or missing?

f. Are all use restriction signs legible?

g. How many signs need to be replaced?

h. Are any of the four (4) Underground Radiological Material signs (for pad) damaged or missing?

i. Are all of the Underground Radiological Material signs legible?

j. How many Underground Radiological Material signs need to be replaced?

Photograph Instructions:

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

2. Photograph Documentation:

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

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?

If "yes", describe below

4. Field conclusions/recommendations:

Site is in good condition

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/22/10 10:05 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/15/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: None

Title: —

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs to verify that they are intact, undisturbed, and in good condition. The fence at this site should not be entered for the inspection – there is no accessible entry point. The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?	☒	☐	Noticed 1 strand of barb-wire down at the front entrance of the site.

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are any of the nine (9) use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. Do all signs have the required wording on the signs (check wording on all signs):	✓		
<div style="border: 1px solid black; padding: 5px; text-align: center;"> WARNING Underground Radiological, Lead and PCB Contaminated Area FFACO Site CAU 118 / CAS 27-41-01 No activities that may alter or modify the containment control are permitted without U.S. Government permission. Before working in this area, Contact Environmental Restoration at 295-2528 </div>			
f. How many signs need to be replaced?	0		
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			
3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	4		
If yes, has a photographic log been prepared?	✓		
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?		✓	If "yes", describe below
4. Field conclusions/recommendations: <i>All UR signage is intact, legible, and in excellent condition. There is no evidence of intrusion at the site. Noticed a barb-wire strand down in one section of fencing near the front entrance.</i>			

POST-CLOSURE INSPECTION CHECKLIST

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

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations (continued):

F. CERTIFICATION

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

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

Date:

11/22/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (pr designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST**CAU 127: AREAS 25 AND 26 STORAGE TANKS - CAS 25-01-07, ABOVEGROUND STORAGE TANK**Inspection Date and Time: 11/15/10 14:18Reason for Inspection: AnnualDate of Last Post-Closure Inspection: 12/17/09Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn RichardsonTitle: Task ManagerAssistant Inspector: Dudley EmerTitle: Sr. Scientist**A. GENERAL INSTRUCTIONS**

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

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

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

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since last inspection?

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

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

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

b. Are any of the four use restriction signs damaged or missing?

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	☒	☐	
d. How many signs need to be replaced?	0		

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?	1		
If yes, has a photographic log been prepared?	☒	☐	

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?	☐	☒	If "yes", describe below

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

POST-CLOSURE INSPECTION CHECKLIST

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

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

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 12:37pm	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/17/09	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Dudley Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are any of the four (4) use restriction signs damaged or missing?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	☒	☐	
d. How many use restriction signs need to be replaced?	0		
e. Are any of the four (4) URMA signs damaged or missing?	☐	☒	
f. Are all URMA signs legible?	☒	☐	
g. How many URMA signs need to be replaced?	0		

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

Photograph Instructions:

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

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

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?	☐	☒	If "yes", describe below

4. Field conclusions/recommendations:

Site is in good condition

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/9/10 10:20 AM

Reason for Inspection: Annual

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

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☒	☐	Detected Signs Repaired

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection to certify that the fence is in good condition and that signs are in place, intact, and readable.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

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

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the ten (10) use restriction signs damaged or missing?	☒	☐	
d. Are all use restriction signs legible?	☐	☒	partially faded
e. How many signs need to be replaced?	☐	☐	0

Photograph Instructions:

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

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

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?	☐	☒	If "yes", describe below

4. Field conclusions/recommendations:

Site is in good condition
 3 signs are partially faded but
 remain legible.

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 11/9/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST**CAU 137: WASTE DISPOSAL SITES - CAS 07-23-02, RADIOACTIVE WASTE DISPOSAL SITE**

Inspection Date and Time: <u>10/25/10 12:37</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glen R. Anderson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Doddy Emer</u>	Title: <u>S. Scientist</u>

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection to certify that the fence is in good condition and that signs are in place, intact, and readable.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

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

POST-CLOSURE INSPECTION CHECKLIST**CAU 137: WASTE DISPOSAL SITES - CAS 07-23-02, RADIOACTIVE WASTE DISPOSAL SITE**

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the six (6) use restriction signs damaged or missing?	☒	☐	
d. Are all use restriction signs legible?	☒	☐	3 Faded Warning Labels
e. How many signs need to be replaced?	3		

Photograph Instructions:

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

2. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?	3		1 Faded Sign
If yes, has a photographic log been prepared?	☒	☐	

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?	☒	☐	If "yes", describe below

4. Field conclusions/recommendations:

3 Signs are faded & need to be Replaced.
 Site & fencing are in good condition otherwise

POST-CLOSURE INSPECTION CHECKLIST**CAU 137: WASTE DISPOSAL SITES - CAS 07-23-02, RADIOACTIVE WASTE DISPOSAL SITE****F. CERTIFICATION**

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

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

Date:

10/25/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 10/11/10 10:20

Reason for Inspection: Annual

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

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Gary R. Anderson

Title: Task Manager

Assistant Inspector: Doreen E. Fenn

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

YES

NO

EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

✓

2. Have the previous inspection reports been reviewed?

✓

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since last inspection?

✓

Signs Rehung & Power Repaired

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection to certify that the fence is in good condition and that signs are in place, intact, and readable.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES

NO

EXPLANATION (required if shaded box is checked)

a. Is there damage to the fence?

✓

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

✓

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the eight (8) use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?		✓	2 Faded (partially) 2 completed Faded
e. How many signs need to be replaced?	4		

Photograph Instructions:

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

2. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	5		Faded Signs
If yes, has a photographic log been prepared?	✓		

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?	✓		If "yes", describe below

4. Field conclusions/recommendations: 4 Faded Signs Need Replacement.
Site is good condition otherwise

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Printed Name: Glenn Richardson Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos

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

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/21/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/9/10 13:10	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/16/09	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: HSE Manager
Assistant Inspector: Dudley Emer	Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	✓		
2. Have the previous inspection reports been reviewed?	✓		
3. Were anomalies or trends detected on previous inspections?		✓	
4. Was maintenance or repair of the landfill unit performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?		NA	—
b. If yes (to 4a), are revised as-built plans available that reflect repair changes?		NA	—

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

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

D. SITE INSPECTION (continued)

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any monuments been damaged?	☒	☐	
b. Are any of the use restriction signs damaged or missing?	☒	☐	
c. Are all use restriction signs legible?	☐	☒	
d. How many signs need to be replaced?	0		

2. Waste unit cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?	☒	☐	
b. Is there evidence of erosion (wind or water)?	☒	☐	
c. Is there evidence of human intrusion into the cover?	☒	☐	
d. Is there evidence of large animal intrusion into the cover?	☒	☐	

Photograph Instructions:

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

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

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?	☒	☐	If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover?	☒	☐	If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

5. Field conclusions/recommendations: Site is in Excellent Condition
No issues noted

POST-CLOSURE INSPECTION CHECKLIST

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

5. Field conclusions/recommendations (continued):

F. CERTIFICATION

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

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

Date: 11/9/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 10/25/10 11:20 AM

Reason for Inspection: APPROX

Date of Last Post-Closure Inspection: 12/07/09

Reason for Last Post-Closure Inspection: APPROX

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

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

Chief Inspector: GLENN RICHARDSON

Title: Task Manager

Assistant Inspector: DUDLEY ENNA

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

	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?	☒	☐	Signs of fencing down due to high winds
4. Were maintenance or repairs performed since last inspection?	☒	☐	Fence & URM repaired

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised. The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?	☒	☐	loose & downed section on NW corner
b. Have any posts been damaged or their anchoring weakened?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many use restriction signs need to be replaced?	0		
f. Are any of the URMA signs damaged or missing?		✓	
g. Are all URMA signs legible?	✓		
h. How many URMA signs need to be replaced?	0		

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

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations:	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <i>Some needs Repair on N42 & North Side - Gravel strand & loose strands</i> </div> <div style="border: 1px solid black; padding: 5px;"> <i>Site in good condition otherwise</i> </div>

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 10/25/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

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

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	✓		
2. Have the previous inspection reports been reviewed?	✓		
3. Were anomalies or trends detected on previous inspections?		✓	
4. Were maintenance or repairs performed since last inspection?	✓		One sign was rehung.

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the entire use restricted area and all features specifically described in this checklist.** The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?	✓		One (1) wire rope strand of fencing is down.
b. Are any of the use restriction signs damaged or missing?		✓	One (1) UR sign is loose and needs to be tightened.

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	✓		
d. How many use restriction signs need to be replaced?	0		
e. Have any posts been damaged or their anchoring weakened?		✓	
f. Are any of the URMA signs damaged or missing?		✓	
g. Are all URMA signs legible?	✓		
h. How many URMA signs need to be replaced?	0		

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	5		
If yes, has a photographic log been prepared?	✓		

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

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

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 11/22/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/22/10 3:55 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/15/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>None</u>	Title: <u>—</u>

A. GENERAL INSTRUCTIONS

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

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

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

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

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

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (TPH Area), continued:	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		
2. Use-restricted area (TPH Area):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Site markers (Landfill Area):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Are any of the use restriction signs damaged or missing?		✓	
b. Are all use restriction signs legible?	✓		
c. How many signs need to be replaced?	0		
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 post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

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

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

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

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date:

11/22/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 14:05

Reason for Inspection: Annual

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

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dwayne Eber

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

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

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since last inspection?

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the E-MAD perimeter fencing and the E-MAD Trench area and visually inspecting the fence, posts, signs, and the entire use restricted area and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

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

a. Is there damage to the fence?

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

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the seventeen (17) "Caution-Underground Radioactive Material" signs damaged or missing?	☒	☐	
d. Are all signs legible?	☐	☒	
e. How many signs need to be replaced?	<input type="text" value="0"/>		

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?	<input type="text" value="2"/>		
If yes, has a photographic log been prepared?	☒	☐	

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?	☒	☐	If "yes", describe below

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

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 143: AREA 25 CONTAMINATED WASTE DUMPS

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

Inspection Date and Time: 11/15/2010 10:15 PM	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/16/09	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Darby Emer	Title: Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☒	☐	Second Signs Re-Look

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The R-MAD perimeter fencing is to be walked by the inspector, and a detailed inspection of fencing and postings within the R-MAD East Trestle area, around the West Trench area, and the interior and exterior of the R-MAD CWD must be performed. The checklist should be completed during the site inspection.*
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
b. Have any posts been damaged or their anchoring weakened?		☒	
c. Are any of the nine (9) use restriction signs damaged or missing? <i>10</i>		☒	<i>Actually 10 Signs</i>
d. Are all use restriction signs legible?	☒		
e. How many use restriction signs need to be replaced?		<i>0</i>	
f. Are any of the nineteen (19) "Caution- Radioactive Material" (RMA) signs damaged or missing?		☒	
g. Are all RMA signs legible?	☒		
h. How many RMA signs need to be replaced?		<i>0</i>	
i. Are any of the forty-one (41) "Caution-Underground Radioactive Material" (URMA) signs damaged or missing?		☒	
j. Are all URMA signs legible?	☒		
k. How many URMA signs need to be replaced?		<i>0</i>	
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		☒	
P) Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			
3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒		
If yes, how many photos were taken?		<i>2</i>	
If yes, has a photographic log been prepared?	☒		
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?	☒		If "yes", describe below <i>1 sign needs to be replaced</i>

POST-CLOSURE INSPECTION CHECKLIST

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

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations:

Site & signage are in good condition.
1 sign needs to be replaced.

F. CERTIFICATION

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

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

Date:

11/15/10

Printed Name: Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 143\2010\11-15-2010 CAU 143 CAS 25-23-09 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date:

12/27/2010

Printed Name: Thomas A. Fiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/1/10 10:15 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/7/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

✓

2. Have the previous inspection reports been reviewed?

✓

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since last inspection?

✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- The site inspection consists of traversing the perimeter of the use-restricted area and visually inspecting the posts, signs, and the entire use restricted area. Industrial Hygiene should be contacted prior to any entry into the use-restricted area because of surface lead contamination. However, entry into the UR is not required as part of the inspection. The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES NO

EXPLANATION (required if shaded box is checked)

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

✓

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
b. Are any of the six (6) use restriction signs damaged or missing?		✓	
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		

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

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations: *Signs in good condition no issues noted.*

pg 2 of 3

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date:

11/1/10

Printed Name: Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 145\2010\CAU 145 CAS 03-25-01 11-1-2010 Inspection

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

Inspection Requirement: **Annual** (through December 2012)
then **Every 5 years** (through December 2032)

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>10/11/10 09:50</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>11/9/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Dwight Emar</u>	Title: <u>So. Scientist</u>

A. GENERAL INSTRUCTIONS

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

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

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

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
b. Have any posts been damaged or their anchoring weakened?		☒	

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the six (6) use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many signs need to be replaced?	0		

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

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations: Site & Signs are in good condition

Inspection Requirement: **Annual** (through December 2012)
then **Every 5 years** (through December 2032)

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date: 10/11/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/15/10 14:47</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/16/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Audley Ennis</u>	Title: <u>So Scientist</u>

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

I. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are any of the use restriction signs damaged or missing?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	☒		
d. How many signs need to be replaced?	0		

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒		
If yes, how many photos were taken?	1		
If yes, has a photographic log been prepared?	☒		

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

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

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date:

11/15/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/29/10</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/16/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Dorley Emer</u>	Title: <u>Sr Scientist</u>

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	✓		
2. Have the previous inspection reports been reviewed?	✓		
3. Were anomalies or trends detected on previous inspections?		✓	
4. Were maintenance or repairs performed since last inspection?	✓		EROSION ON N.W. CORNER REPAIRED
a. If yes, has site repair resulted in a change from as-built conditions?			NA —
b. If yes, are revised as-built plans available that reflect repair changes?			NA —

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

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

D. SITE INSPECTION

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?	☒	☐	
b. Have any posts been damaged or their anchoring weakened?	☒	☐	
c. Are any of the ten (10) use restriction signs damaged or missing?	☒	☐	
d. Are all use restriction signs legible?	☐	☒	
e. How many signs need to be replaced?	0		
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☒	☐	

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations:

*Site is in excellent condition
no issues noted*

Inspection Requirement: Annual (through December 2011)
then Every 5 years (through December 2036)

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

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

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

Date:

11/29/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

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

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

G. VERIFICATION

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

Signature:

/s/: Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/15/10 14:30</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/16/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Dorley Emer</u>	Title: <u>St Scientist</u>

A. GENERAL INSTRUCTIONS

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

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

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

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the use restricted area to verify that the use restriction has been maintained (the fence has not been breached for entry).* The checklist should be completed during the site inspection.
- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist. The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

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

D. SITE INSPECTION (continued)

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?		✓	
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are any of the six (6) use restriction signs damaged or missing? 18		✓	Does 18 Signs
d. Are all use restriction signs legible?	✓		
e. How many signs need to be replaced?	0		

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	2		
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)
1. Are more frequent inspections required?		✓	
2. Are existing maintenance/repair actions satisfactory?	✓		
3. Are maintenance/repair actions necessary?		✓	If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations:

Site is in good condition.

Inspection Requirement: Annual (through December 2011)
then Every 5 years (through December 2036)

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 25-23-02, Radioactive Storage RR Cars, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 168\2010\11-15-2010 CAU 168 CAS 25-23-02 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE

CAS 25-99-16, USW G3

Inspection Date and Time: 11/29/10

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/30/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emery

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

✓

2. Have the previous inspection reports been reviewed?

✓

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since last inspection?

✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- a. *Minimum 24-hour advance notice (1-week notice preferred by YMP) to Ranch Control prior to access for Plan of Day Entry*
- b. Radio, pager, etc.
- c. Camera, digital storage drive, and extra batteries
- d. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- e. Tape measure
- f. Other miscellaneous support equipment

D. SITE INSPECTION

- *Check-in required at YMP Support Center (YMP Sample Management Facility in Area 25)*
- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

D. SITE INSPECTION (continued)

1. Site markers:

YES

NO

EXPLANATION (required if shaded box is checked)

POST-CLOSURE INSPECTION CHECKLIST

**CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE
CAS 25-99-16, USW G3**

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

	✓
--	---

b. Are any of the use restriction signs damaged or missing?

	✓
--	---

c. Are all use restriction signs legible?

✓	
---	--

d. How many signs need to be replaced?

0	
---	--

2. Use-restricted area:

YES NO

EXPLANATION (required if shaded box is checked)

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

	✓
--	---

Photograph Instructions:

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

3. Photograph Documentation:

YES NO

EXPLANATION

a. Have photographs been taken of the site?

✓	
---	--

If yes, how many photos were taken?

2	
---	--

If yes, has a photographic log been prepared?

✓	
---	--

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?

	✓
--	---

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

4. Field conclusions/recommendations:

*Site is in excellent condition
No issues noted.*

F. CERTIFICATION

I have conducted an inspection of CAS 25-99-16, USW G3, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

POST-CLOSURE INSPECTION CHECKLIST

CAU 168: AREA 25 AND 26 CONTAMINATED MATERIALS AND WASTE
CAS 25-99-16, USW G3

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

Date: 11/29/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 168\2010\11-29-2010 CAU 168 CA25-99-16)

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/9/10 10:50 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 01/16/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dorey Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☒	☐	Trundlewoods were removed

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is to visually inspect posts and signs and to verify that the use restriction has been maintained (i.e., no entry into the bunker).* The checklist should be completed during the site inspection.
- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist. The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	

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POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
b. Are any of the use restriction signs damaged or missing?		✓	
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is the bunker door intact and secured to prevent entry?	✓		
b. Is the lock on the bunker door in place and functional?		✓	no lock has been fitted to the door. the door is secured by bolted logs
c. Is there evidence of human intrusion onto the site?		✓	

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations: *Site is in good condition*
the door was not lock fitted to the door
the door is secured by logs bolted down
preventing entry.

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 01-34-01, Underground Inst. House Bunker, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/9/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 204\2010\11-9-2010 CAU 204 CAS 01-34-01 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 10/25/10 12:05	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/07/09	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Dudley Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

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

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is to visually inspect posts and signs and to verify that the use restriction has been maintained (i.e., no entry into the bunker).* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the use restriction signs damaged or missing?		✓	

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POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is the bunker door intact and secured to prevent entry?	✓		
b. Is the lock on the bunker door in place and functional?	✓		
c. Is there evidence of human intrusion onto the site?		✓	

Photograph Instructions:

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

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

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

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

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 02-34-01, Instrument Bunker, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date:

10/25/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 204\ 2010\ 10-25-2010 CAS 02-34-01 Inspection

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

G. VERIFICATION

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

Signature:

/s/: Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/1/00 11:20 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/7/99

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

✓

2. Have the previous inspection reports been reviewed?

✓

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since last inspection?

✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is to visually inspect posts and signs and to verify that the use restriction has been maintained (i.e., no entry into the bunker).* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES NO EXPLANATION (required if shaded box is checked)

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

✓

b. Are any of the use restriction signs damaged or missing?

✓

pg 1 of 3

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is the bunker door intact and secured to prevent entry?	assumed ✓		Tumble Weeds prevent EXAMINATION
b. Is the lock on the bunker door in place and functional?	assumed ✓		
c. Is there evidence of human intrusion onto the site?		✓	

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations: Tumble Weeds need to be Removed from Bunker entrance.

No need to remove tumble weeds. As the door can't be secured, there is no reason to believe the door is not secured. -RSP 12/29/2010

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 03-34-01, Underground Bunker, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 204\2010\CAU 204 CAS 03-34-01 Inspection

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

G. VERIFICATION

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

Signature /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/22/10 2:15 PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/17/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: None.

Title: —

A. GENERAL INSTRUCTIONS

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

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

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

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

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

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the thirteen (13) use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many use restriction signs need to be replaced?	0		
f. Are any of the RMA signs damaged or missing?		✓	
g. Are all RMA signs legible?	✓		
h. How many RMA signs need to be replaced?	0		

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	4		
If yes, has a photographic log been prepared?	✓		

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

4. Field conclusions/recommendations: All UR signage and wire rope fencing are in excellent condition. Also, the RMA signs remain intact with no physical damage.

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 05-18-02, Chemical Explosives Storage, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date:

11/22/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)

- Photos (or note File Location: S:\NTS\ER Share\ Photos\ CAU 204\ 2010\ 11-22-2010 CAU 204 CAS 05-18-02 Inspection

Distribution: Original – Industrial Sites Project Manager

Copy – Task Manager

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/22/10 1:50 PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/17/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: None

Title: —

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	✓		
2. Have the previous inspection reports been reviewed?	✓		
3. Were anomalies or trends detected on previous inspections?		✓	
4. Were maintenance or repairs performed since last inspection?	✓		<u>One sign was down and re-hung.</u>

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

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

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the eleven (11) use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many use restriction signs need to be replaced?	0		
f. Are any of the RMA signs damaged or missing?		✓	
g. Are all RMA signs legible?	✓		
h. How many RMA signs need to be replaced?	0		

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

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations: *There are no corrective actions associated with this site. Overall site conditions are excellent.*

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 05-33-01, Kay Blockhouse, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/22/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 204\2010\11-22-2010 CAU 204 CAS 05-33-01 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 13:35

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/17/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dede Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is to verify that posted URMA signs are in place, intact, and readable.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are any of the "Underground Radioactive Material" signs damaged or missing?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all "Underground Radioactive Material" signs legible?	☒	☐	
d. How many signs need to be replaced?	☐	☐	

Photograph Instructions:

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

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

E. FIELD CONCLUSIONS	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?	☐	☒	If "yes", describe below

4. Field conclusions/recommendations:

Site is in good condition

F. CERTIFICATION

I have conducted an inspection of CAS 25-23-06, Decontamination Facility, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 254\2010\11-15-2010 CAU 254 CAS 25-23-06 Inspection

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

POST-CLOSURE INSPECTION CHECKLIST	
CAU 254: AREA 25 R-MAD DECONTAMINATION FACILITY	
CAS 25-23-06, DECONTAMINATION FACILITY	
G. VERIFICATION	
I have reviewed this checklist and attachments and have verified that it is complete.	
Signature: /s/:Reed Poderis	Date: 12/29/2010
Printed Name: Thomas A. Thiele (or designee)	

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 13:16

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 10/17/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

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

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):

	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many signs need to be replaced?	0		

2. Use-restricted area:

	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	

Photograph Instructions:

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

3. Photograph Documentation:

	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	2		
If yes, has a photographic log been prepared?	✓		

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?		✓	If "yes", describe below

4. Field conclusions/recommendations:

Site is in good condition
no issues noted

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 25-05-01, Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 261\2010\11-15-2010 CAU 261 CAS 25-05-01)

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 14:13

Reason for Inspection: Annual

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

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Erier

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

✓

2. Have the previous inspection reports been reviewed?

✓

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since last inspection?

✓

Sign Maintenance

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

I. Site markers:

YES NO EXPLANATION (required if shaded box is checked)

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

✓

b. Is either of the two (2) use restriction signs damaged or missing?

✓

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?		☒	Faded "Warning"
d. How many signs need to be replaced?		1	

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒		
If yes, how many photos were taken?		1	
If yes, has a photographic log been prepared?	☒		

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?	☒		If "yes", describe below

4. Field conclusions/recommendations: Replace 1 Faded & Peeling Sign

POST-CLOSURE INSPECTION CHECKLIST**CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP
CAS 25-02-06, UNDERGROUND STORAGE TANK****F. CERTIFICATION**

I have conducted an inspection of CAS 25-02-06, Underground Storage Tank, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/15/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 262\2010\11-15-2010 CAU 262 CAS 25-02-06 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 10:30 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/17/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

	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. Was maintenance or repair of the landfill unit performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?		NA	✓
b. If yes (to 4a), are revised as-built plans available that reflect repair changes?		NA	✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

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

D. SITE INSPECTION (continued)

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?	☒	☐	
b. Have any posts been damaged or their anchoring weakened?	☒	☐	
c. Are any of the use restriction signs damaged or missing?	☒	☐	
d. Are all use restriction signs legible?	☐	☒	
e. How many signs need to be replaced?		0	

2. Waste unit cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?	☒	☐	
b. Is there evidence of erosion (wind or water)?	☒	☐	
c. Is there evidence of human intrusion into the cover?	☒	☐	
d. Is there evidence of large animal intrusion into the cover?	☒	☐	

Photograph Instructions:

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

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

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?	☒	☐	If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover?	☒	☐	If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

5. Field conclusions/recommendations: Site is in excellent condition

POST-CLOSURE INSPECTION CHECKLIST

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

5. Field conclusions/recommendations (continued):

F. CERTIFICATION

I have conducted an inspection of CAS 25-05-03, Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 262\ 2010\ 11-15-2010 CAU 262 CAS 25-05-03 Inspection

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 12:25 PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/17/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glen R. Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

	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. Was maintenance or repair of the landfill unit performed since the last inspection?		✓	
a. If yes, has site repair resulted in a change from as-built conditions?			NA ✓
b. If yes (to 4a), are revised as-built plans available that reflect repair changes?			NA ✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the entire use restricted area and all features specifically described in this checklist (site is small enough to see entire use-restricted area from the perimeter fencing). The checklist should be completed during the site inspection.*
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

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

D. SITE INSPECTION (continued)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers:			
a. Is there damage to the fence?		✓	
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are any of the use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many signs need to be replaced?	0		
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 into the cover?		✓	
d. Is there evidence of large animal intrusion into the cover?		✓	

Photograph Instructions:

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

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

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?		✓	If "yes", describe in field conclusions/recommendations
4. Is there an imminent hazard to the integrity of the landfill cover?		✓	If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

5. Field conclusions/recommendations: *Site is in good condition*
4 signs are attached to 4 sides of
fence, but one extra sign is
on the ground at the Gate (sign not required)

POST-CLOSURE INSPECTION CHECKLIST

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

5. Field conclusions/recommendations (continued):

F. CERTIFICATION

I have conducted an inspection of CAS 25-05-08, Radioactive Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 262\2010\15-2010 CAU 262 CAS 25-05-08 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

**CAU 309: AREA 12 MUCKPILES - CAS 12-06-09, MUCKPILE
CAS 12-08-02, CWD
CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS**

Inspection Date and Time: 10/11/10 14:08

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/9/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

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

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since last inspection?

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is to certify that markers and postings are in place, intact, and readable. There may be special access restrictions to reach these sites. Verify the route to the sites in advance.* The checklist should be completed during the site inspection.
- The site inspection is a walking inspection of the site including the perimeter of the CAs to inspect the surface and all features specifically described in this checklist without entering the CAs or travelling on the steep slope. The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

POST-CLOSURE INSPECTION CHECKLIST

**CAU 309: AREA 12 MUCKPILES - CAS 12-06-09, MUCKPILE
CAS 12-08-02, CWD
CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS**

D. SITE INSPECTION (continued)

1. Site markers (CAS 12-06-09):		YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?			✓	
b. Are any of the three (3) use restriction signs damaged or missing?			✓	
c. Are all use restriction signs legible?	✓			
d. Do all signs have the required wording on the signs (check wording on all signs):				
<div style="border: 1px solid black; padding: 10px; text-align: center;"> WARNING Surface and Subsurface Contamination FFACO Site CAU 309/CAS 12-06-09 Area 12 Muckpiles No activities that may alter or modify the containment control are permitted without U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2528 </div>		✓		
e. How many signs need to be replaced?			0	
2. Site markers (CAS 12-08-02):		YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?			✓	
b. Are either of the two (2) use restriction signs damaged or missing?			✓	
c. Are both use restriction signs legible?	✓			
d. Do all signs have the required wording on the signs (check wording on all signs):				
<div style="border: 1px solid black; padding: 10px; text-align: center;"> WARNING Surface and Subsurface Contamination FFACO Site CAU 309/CAS 12-08-02 Area 12 Muckpiles No activities that may alter or modify the containment control are permitted without U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2528 </div>		✓		
e. How many signs need to be replaced?			0	
3. Site markers (CAS 12-28-01):		YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?			✓	
b. Are any of the four (4) use restriction signs damaged or missing?			✓	
c. Are all use restriction signs legible?	✓			

POST-CLOSURE INSPECTION CHECKLIST

CAU 309: AREA 12 MUCKPILES - CAS 12-06-09, MUCKPILE
CAS 12-08-02, CWD
CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS

3. Site markers (CAS 12-28-01) (continued):

d. Do all signs have the required wording on the signs (check wording on all signs):

WARNING
Surface and Subsurface Contamination
FFACO Site CAU 309/CAS 12-28-01
Area 12 Muckpiles
No activities that may alter or modify the containment
control are permitted without U.S. Government
permission.
Before working in this area,
Contact Real Estate Services at 295-2528

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

e. How many signs need to be replaced?

Photograph Instructions:

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

4. Photograph Documentation:

a. Have photographs been taken of the site?

If yes, how many photos were taken?

If yes, has a photographic log been prepared?

YES	NO	EXPLANATION
✓		
		7 Top 7 Debris IJK pile
✓		

E. FIELD CONCLUSIONS

1. Are more frequent inspections required?

2. Are existing maintenance/repair actions satisfactory?

3. Are maintenance/repair actions necessary?

YES	NO	EXPLANATION (required if shaded box is checked)
	✓	
✓		
	✓	If "yes", describe below

4. Field conclusions/recommendations:

Site signage is good shape
No issues noted.

POST-CLOSURE INSPECTION CHECKLIST

CAU 309: AREA 12 MUCKPILES - CAS 12-06-09, MUCKPILE
CAS 12-08-02, CWD
CAS 12-28-01, I, J, AND K-TUNNEL DEBRIS

F. CERTIFICATION

I have conducted an inspection of CAS 12-06-09, Muckpile, CAS 12-08-02, CWD, and CAS 12-28-01, I, J, and K-Tunnel Debris, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 10/11/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 309\2010\10-11-2010 CAU 309 CAS 12-06-09 inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/1/10 12:01 PM 11/1/10</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/7/09</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glewn Richard</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Dudley Emer</u>	Title: <u>So Scientist</u>

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers:			
a. Is there damage to the fence?	☐	☒	<u>Some strands are loose</u>

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):		YES	NO	EXPLANATION (required if shaded box is checked)
b. Have any posts been damaged or their anchoring weakened?			✓	
c. Are any of the use restriction signs damaged or missing?		✓		2 Signs down
d. Are all use restriction signs legible?		✓		
e. How many signs need to be replaced?		2		
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: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 				
3. Photograph Documentation:		YES	NO	EXPLANATION
a. Have photographs been taken of the site?		✓		
If yes, how many photos were taken?		2		
If yes, has a photographic log been prepared?		✓		
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?		✓		If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)
4. Field conclusions/recommendations:		Rehang 2 Signs & tighten fence on S.W corner		

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 03-20-05, Injection Wells, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 322\2010\CAU 322 CAS 03-20-05 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 357: MUD PITS AND WASTE DUMPS - CAS 04-26-03, LEAD BRICKS

Inspection Date and Time: 11/9/10 11:30

Reason for Inspection: Annual

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

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is to check that the postings are in place, intact, and readable.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are any of the use restriction signs damaged or missing?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 357: MUD PITS AND WASTE DUMPS - CAS 04-26-03, LEAD BRICKS

1. Site markers (continued):		YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?		☒	☐	
d. How many signs need to be replaced?		<input type="text" value="0"/>		
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 				
2. Photograph Documentation:		YES	NO	EXPLANATION
a. Have photographs been taken of the site?		☒	☐	
If yes, how many photos were taken?		<input type="text" value="1"/>		
If yes, has a photographic log been prepared?		☒	☐	
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?		☐	☒	If "yes", describe below
4. Field conclusions/recommendations:		<i>Site is in good condition no issues noted.</i>		
F. CERTIFICATION				
I have conducted an inspection of CAS 04-26-03, Lead Bricks, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.				
Chief Inspector's Signature: /s/ : Glenn Richardson		Date: 11/9/10		
Printed Name: Glenn Richardson		Title: Task Manager		

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\ Photos\CAU 357\2010\11-9-2010 CAU 357 CASOH-26-03 Inspection

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

POST-CLOSURE INSPECTION CHECKLIST

CAU 357: MUD PITS AND WASTE DUMPS - CAS 04-26-03, LEAD BRICKS

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST**CAU 357: MUD PITS AND WASTE DUMPS - CAS 10-09-06, MUD PIT; STAINS; MATERIAL**Inspection Date and Time: 10/25/10 09:45 amReason for Inspection: AnnualDate of Last Post-Closure Inspection: 12/7/09Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Gleason RichardsonTitle: Task ManagerAssistant Inspector: Dodley EneverTitle: Sr Scientist**A. GENERAL INSTRUCTIONS**

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

☒☐

2. Have the previous inspection reports been reviewed?

☒☐

3. Were anomalies or trends detected on previous inspections?

☐☒

4. Were maintenance or repairs performed since last inspection?

☐☒**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is to check the condition of the fence and to verify that postings are in place, intact, and readable.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

I. Site markers:

YES NO EXPLANATION (required if shaded box is checked)

a. Is there damage to the fence?

☐☒

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

☐☒

POST-CLOSURE INSPECTION CHECKLIST

CAU 357: MUD PITS AND WASTE DUMPS - CAS 10-09-06, MUD PIT; STAINS; MATERIAL

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the use restriction signs damaged or missing?	☐	☒	
d. Are all use restriction signs legible?	☒	☐	
e. How many signs need to be replaced?		0	

Photograph Instructions:

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

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

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?	☐	☒	If "yes", describe below

4. Field conclusions/recommendations: Signage & fences are in excellent condition.

F. CERTIFICATION

I have conducted an inspection of CAS 10-09-06, Mud Pit; Stains; Material, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 10/25/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 357\2010\10-25-2010 CAU 357 CAS 10-09-06 Inspection

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

POST-CLOSURE INSPECTION CHECKLIST	
CAU 357: MUD PITS AND WASTE DUMPS - CAS 10-09-06, MUD PIT; STAINS; MATERIAL	
G. VERIFICATION	
I have reviewed ☒ this checklist and attachments and have verified that it is complete.	
Signature: /s/: Reed Poderis	Date: 12/29/2010
Printed Name: Thomas A. Thiele (or designee)	

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 11:20 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/17/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Are all of the monuments in good condition?	☒	☐	
b. Are any of the use restriction signs damaged or missing?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST**CAU 357: MUD PITS AND WASTE DUMPS - CAS 25-15-01, WASTE DUMP**

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	☒	☐	
d. How many signs need to be replaced?	<u>0</u>		

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?	<u>2</u>		
If yes, has a photographic log been prepared?	☒	☐	

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?	☐	☒	If "yes", describe below

4. Field conclusions/recommendations: Signs and monuments are in good condition

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 25-15-01, Waste Dump, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 357\ 2010\ 11-15-2010 CAU 357 CAS 25-15-01 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/10

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 370: T-4 ATMOSPHERIC TEST SITE - CAS 04-23-01, ATMOSPHERIC TEST SITE T-4

Inspection Date and Time: <u>11/29/10 10:25AM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>N/A</u>	Reason for Last Post-Closure Inspection: <u>None - (1st Annual Inspection)</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>G. Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>D. Emer</u>	Title: <u>Sr. Scientist</u>

A. GENERAL INSTRUCTIONS

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

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

	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?	☐	☒	<u>N/A - 1st Annual Inspection</u>
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and whether inspection of the fenced perimeter indicates any interruption suggesting that the use restriction may have been compromised. The checklist should be completed during the site inspection.*
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers:			
a. Is there damage to the fence?	☒	☐	<u>One barb wire strand was down and needs repair.</u>
b. Have any posts been damaged or their anchoring weakened?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 370: T-4 ATMOSPHERIC TEST SITE - CAS 04-23-01, ATMOSPHERIC TEST SITE T-4

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the use restriction signs damaged or missing?	☒	☐	<i>Two UR signs down that need to be rehung.</i>
d. Are all use restriction signs legible?	☒	☐	
e. How many use restriction signs need to be replaced?	<i>0</i>		
f. Are any of the RMA signs damaged or missing?	☐	☒	
g. Are all RMA signs legible?	☒	☐	
h. How many RMA signs need to be replaced?	<i>0</i>		

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?	<i>5</i>		
If yes, has a photographic log been prepared?	☒	☐	

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?	☐	☒	<i>N/A</i>
3. Are maintenance/repair actions necessary?	☒	☐	If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

4. Field conclusions/recommendations: *Two signs are down that need to be rehung. One barb-wire strand is down that needs repair. There is no evidence of intrusion at the site, but maintenance repairs are necessary.*

POST-CLOSURE INSPECTION CHECKLIST

CAU 370: T-4 ATMOSPHERIC TEST SITE - CAS 04-23-01, ATMOSPHERIC TEST SITE T-4

F. CERTIFICATION

I have conducted an inspection of CAS 04-23-01, Atmospheric Test Site T-4, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date:

11/29/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 370\2010\11-29-2010 CAU 370 CAS 04-26-03)

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 11-23-05, PIN STRIPE CONTAMINATION AREA

Inspection Date and Time: 11/1/10 3:10 PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: None "1st Inspection"

Reason for Last Post-Closure Inspection: None - N/A

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

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?

✓

N/A "1st Annual Inspection"

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since the last inspection?

✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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

1. Site markers:

YES NO EXPLANATION (required if shaded box is checked)

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

✓

b. Are all use restriction signs legible?

✓

c. 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:

YES NO EXPLANATION (required if shaded box is checked)

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

✓

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:	YES	NO	EXPLANATION
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	YES	NO	EXPLANATION (required if shaded box is checked)
1. Are more frequent inspections required?		✓	
2. Are existing maintenance/repair actions satisfactory?	✓		
3. Are maintenance/repair actions necessary?		✓	

4. Field Conclusions/Recommendations: *The use-restriction signs and T-posts are in great condition. There is no evidence of intrusion at the site. There are no issues that warrant an immediate corrective action.*

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

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

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photographs

(or note File Location: S:\NTS\ER Share\ Photos\ CAU 371\ 11-1-2010 CAU 371 CAS 11-23-05 Inspection)

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

Signature: /s/:Reed Poderis

Date: 12/29/10

Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST**CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 18-45-01, U-18j-2 CRATER (JOHNNIE BOY)**

Inspection Date and Time: <u>10/18/10 11:50 AM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>None "1st Annual Inspection"</u>	Reason for Last Post-Closure Inspection: <u>None - N/A</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Dudley Emer</u>	Title: <u>Sr. Scientist</u>

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?	☐	☒	<u>N/A "1st Annual Inspection"</u>
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since the last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	
c. Are any use restriction signs damaged or missing?	☐	☒	
d. How many damaged or missing signs need to be replaced?	☐	☐	<u>0</u>
e. Are any use restriction signs down?	☐	☒	
f. How many down signs need to be re-hung?	☐	☐	<u>0</u>
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 371, JOHNNIE BOY CRATER AND PIN STRIPE – CAS 18-45-01, U-18j-2 CRATER (JOHNNIE BOY)

Photograph Instructions:

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

3. Photograph Documentation:

YES	NO	EXPLANATION
☒	☐	
	2	
☒	☐	

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

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

1. Are more frequent inspections required?

2. Are existing maintenance/repair actions satisfactory?

3. Are maintenance/repair actions necessary?

4. Field Conclusions/Recommendations: *The UR signs and T-posts are intact and in great condition. There are no issues or concerns at this site.*

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

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

Date: 10/18/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photographs

(or note File Location: S:\NTS\ER Share\Photos\CAU 371\10-18-2010 CAU371 CAS 18-45-01 johnny boy)

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

POST-CLOSURE INSPECTION CHECKLIST

CAU 383: AREA 12 E-TUNNEL SITES - CAS 12-06-06, MUCKPILE
- CAS 12-25-02, OIL SPILL
- CAS 12-28-02, RADIOACTIVE MATERIAL

Inspection Date and Time: 10/11/10 11:15 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/10/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☒	☐	1 T-post and 1 Sign was repaired

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- **The site inspection to certify that markers and postings are in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission.** The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts for the eleven (11) use restriction signs been damaged or their anchoring weakened?	☐	☒	
b. Are any of the eleven (11) use restriction signs damaged or missing?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 383: AREA 12 E-TUNNEL SITES - CAS 12-06-06, MUCKPILE
 - CAS 12-25-02, OIL SPILL
 - CAS 12-28-02, RADIOACTIVE MATERIAL

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	✓		
d. Do all signs have the required wording on the signs (check wording on all signs):	✓		
<div style="border: 1px solid black; padding: 5px; margin: 10px;"> <p align="center">WARNING</p> <p align="center">Radiologically Contaminated Areas</p> <p align="center">FFACO Sites CAU 383, Area 12 E-Tunnel Sites</p> <p align="center">CAS 12-28-02, Radioactive Material Area</p> <p align="center">CAS 12-06-06, E-Tunnel Muckpile</p> <p align="center">CAS 12-25-02, Oil Spill</p> <p align="center">Access to this area is not permitted without U.S. Government permission.</p> <p align="center">Before working in this area, Contact Real Estate Services at 295-2528</p> </div>			
d. How many signs need to be replaced?		0	

Photograph Instructions:

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

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

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?		✓	If "yes", describe below

4. Field conclusions/recommendations: *The UR signage and T-posts are intact. There are no issues or concerns at this site.*

POST-CLOSURE INSPECTION CHECKLIST

CAU 383: AREA 12 E-TUNNEL SITES - CAS 12-06-06, MUCKPILE
 - CAS 12-25-02, OIL SPILL
 - CAS 12-28-02, RADIOACTIVE MATERIAL

F. CERTIFICATION

I have conducted an inspection of CAS 12-06-06, Muckpile, CAS 12-25-02, Oil Spill, and CAS 12-28-02, Radioactive Material, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 10/11/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 383\2010\10-11-2010 CAU 383 annual inspection)

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 476: AREA 12 T-TUNNEL MUCKPILE - CAS 12-06-02, MUCKPILE

CAU 559: T-TUNNEL COMPRESSOR/BLOWER PAD - CAS 12-25-13, OIL STAINED SOIL AND CONCRETE

Inspection Date and Time: 10/11/10 13:40	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 11/9/09	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Dudley Emer	Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

B. PREPARATION (To be completed prior to site visit)	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection to certify that markers and postings are in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the blockade gate?	☐	☒	
b. Is the gate lock in place and functional?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST**CAU 476: AREA 12 T-TUNNEL MUCKPILE - CAS 12-06-02, MUCKPILE****CAU 559: T-TUNNEL COMPRESSOR/BLOWER PAD - CAS 12-25-13, OIL STAINED SOIL AND CONCRETE**

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Have any posts been damaged or their anchoring weakened?		✓	
d. Is the use restriction sign damaged or missing?		✓	
e. Is the use restriction sign legible?	✓		
f. Does the sign have the required wording (check wording on the sign):			
<div style="border: 1px solid black; padding: 10px; margin: 10px;"> <p style="text-align: center;">WARNING</p> <p style="text-align: center;">Radiologically Contaminated Areas</p> <p style="text-align: center;">Beyond This Point</p> <p style="text-align: center;">FFACO Sites</p> <p style="text-align: center;">CAU 476, Area 12, T-Tunnel Sites</p> <p style="text-align: center;">CAS 12-06-02, Muckpile</p> <p style="text-align: center;">CAU 559, T-Tunnel Compressor/Blower Pad</p> <p style="text-align: center;">CAS 12-25-13, Oil-Stained Soil and Concrete</p> <p style="text-align: center;">CAU 478, Area 12, T-Tunnel Ponds</p> <p style="text-align: center;">CAS 12-23-01, Ponds (5), RAD Area</p> <p style="text-align: center;">CAU 309, Area 12, Muckpiles</p> <p style="text-align: center;">CAS 12-06-09, Muckpile</p> <p style="text-align: center;">CAS 12-08-02, Contaminated Waste Dumps</p> <p style="text-align: center;">CAS 12-28-01, I, J, and K-Tunnel</p> <p style="text-align: center;">Access to this area is not permitted without</p> <p style="text-align: center;">U.S. Government permission.</p> <p style="text-align: center;">Before working in this area,</p> <p style="text-align: center;">Contact Real Estate Services at 295-2528</p> </div>	✓		
g. Does the sign need to be replaced?		✓	
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			
2. Photograph Documentation:	YES	NO	EXPLANATION
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	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?		✓	If "yes", describe in Field conclusions/recommendations

POST-CLOSURE INSPECTION CHECKLIST

CAU 476: AREA 12 T-TUNNEL MUCKPILE - CAS 12-06-02, MUCKPILE

CAU 559: T-TUNNEL COMPRESSOR/BLOWER PAD - CAS 12-25-13, OIL STAINED SOIL AND CONCRETE

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations:

*Site & gates are in good condition
No issues noted*

F. CERTIFICATION

I have conducted an inspection of CAS 12-06-02, Muckpile, and CAS 12-25-13, Oil Stained Soil and Concrete, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 10/11/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 476-554\2010\10-11-20-10 CAU 476 Inspection)

Distribution: Original – Industrial Sites Project Manager

Copy – Task Manager

G. VERIFICATION

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

Signature:

/s/: Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST**CAU 477: AREA 12 N-TUNNEL MUCKPILE - CAS 12-06-03, MUCKPILE**

Inspection Date and Time: 10/11/10 13:15

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/10/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

✓

2. Have the previous inspection reports been reviewed?

✓

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since last inspection?

✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is to certify that the posting is in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES

NO

EXPLANATION (required if shaded box is checked)

a. Is there damage to the blockade gate?

✓

b. Is the gate lock in place and functional?

✓

POST-CLOSURE INSPECTION CHECKLIST

CAU 477: AREA 12 N-TUNNEL MUCKPILE - CAS 12-06-03, MUCKPILE

1. Site markers (continued):

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

YES

NO

EXPLANATION (required if shaded box is checked)

d. Is the use restriction sign damaged or missing?

e. Is the use restriction sign legible?

f. Does the sign have the required wording?

WARNING
Lead Contaminated Area
Beyond This Point
FFACO Site

CAU 477, Area 12, N-Tunnel Muckpile
CAS 12-06-03, Muckpile

Access to this area is not permitted without
U.S. Government permission.
Before working in this area,
Contact Real Estate Services at 295-2528

g. Does the sign need to be replaced?

✓

✓

✓

✓

Word "Lead" has been
Removed(?)

✓

Determine why sign was
changed & if authorized

Photograph Instructions:

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

2. Photograph Documentation:

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?

✓

1

✓

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?

✓

✓

✓

If "yes", describe below

4. Field conclusions/recommendations:

Gate & Sign in good condition
the word "Lead" appears to have been intentionally
Removed from the Warning Sign.

POST-CLOSURE INSPECTION CHECKLIST

CAU 477: AREA 12 N-TUNNEL MUCKPILE - CAS 12-06-03, MUCKPILE

F. CERTIFICATION

I have conducted an inspection of CAS 12-06-03, Muckpile, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 10/11/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 477\2010\10-11-2010 CAU 477 Inspection

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST**CAU 478: AREA 12 T-TUNNEL PONDS - CAS 12-23-01, PONDS (5), RAD AREA**Inspection Date and Time: 10/11/10 15:00Reason for Inspection: AnnualDate of Last Post-Closure Inspection: 11/9/09Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Gleann RichardsonTitle: Task ManagerAssistant Inspector: Douglas ErnerTitle: Sr Scientist**A. GENERAL INSTRUCTIONS**

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

☒☐

2. Have the previous inspection reports been reviewed?

☒☐

3. Were anomalies or trends detected on previous inspections?

☐☒

4. Were maintenance or repairs performed since last inspection?

☐☒**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection to certify that markers and postings are in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES NO EXPLANATION (required if shaded box is checked)

a. Is there damage to the blockade gate?

☐☒

b. Is the gate lock in place and functional?

☒☐

POST-CLOSURE INSPECTION CHECKLIST**CAU 478: AREA 12 T-TUNNEL PONDS - CAS 12-23-01, PONDS (5), RAD AREA**

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Have any posts been damaged or their anchoring weakened?		✓	Fence is down along Road Section
d. Is the use restriction sign damaged or missing?		✓	
e. Is the use restriction sign legible?	✓		
f. Does the sign have the required wording (check wording on the sign):			
<div style="border: 1px solid black; padding: 10px; margin: 10px;"> <p style="text-align: center;">WARNING Radiologically Contaminated Areas Beyond This Point FFACO Sites</p> <p>CAU 476, Area 12, T-Tunnel Sites CAS 12-06-02, Muckpile</p> <p>CAU 559, T-Tunnel Compressor/Blower Pad CAS 12-25-13, Oil-Stained Soil and Concrete</p> <p>CAU 478, Area 12, T-Tunnel Ponds CAS 12-23-01, Ponds (5), RAD Area</p> <p>CAU 309, Area 12, Muckpiles CAS 12-06-09, Muckpile</p> <p>CAS 12-08-02, Contaminated Waste Dumps CAS 12-28-01, I, J, and K-Tunnel</p> <p>Access to this area is not permitted without U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2528</p> </div>			
g. Does the sign need to be replaced?		✓	
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			
2. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?		2	
If yes, has a photographic log been prepared?	✓		
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?	✓		If "yes", describe in Field conclusions/recommendations

POST-CLOSURE INSPECTION CHECKLIST

CAU 478: AREA 12 T-TUNNEL PONDS - CAS 12-23-01, PONDS (5), RAD AREA

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations: Site & Signage in good condition
1 Section of Fence along access
Road is down & will require repair

F. CERTIFICATION

I have conducted an inspection of CAS 12-23-01, Ponds (5), RAD Area, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 10/11/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 478\2010\10-11-2010 CAU 478 CAS\12-23-01 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS
CASS 15-06-01 & 15-06-02, U15A MUCKPILE & CAS 15-38-01, AREA 15 U15A/E PONDS

Inspection Date and Time: 10/25/2010 10:55 am

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/10/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection to certify that markers and postings are in place, intact, and readable. Access to the use-restricted area is not permitted without U.S. Government permission.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the 15-2C barricade gate?	☐	☒	
b. Is the gate lock in place and functional?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST

CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS
CASS 15-06-01 & 15-06-02, U15A MUCKPILE & CAS 15-38-01, AREA 15 U15A/E PONDS

1. Site markers (continued):

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

YES NO EXPLANATION (required if shaded box is checked)

d. Is the use restriction sign posted at the 15-2C barricade?

e. Is the use restriction sign damaged or missing?

f. Is the use restriction sign legible?

g. Does the sign have the required wording (check wording on the sign):

WARNING
Radiologically Contaminated Areas
Beyond This Point
FFACO Site

CAU 482, Area 15, U15a/e Muckpiles and Ponds
CAS 15-38-01, U15a/e Ponds
Drainage below CAS 15-06-02

Access to this area is not permitted without
U.S. Government permission.
Before working in this area,
Contact Real Estate Services at 295-2528

h. Does the sign need to be replaced?

Photograph Instructions:

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

2. Photograph Documentation:

a. Have photographs been taken of the site?

If yes, how many photos were taken?

If yes, has a photographic log been prepared?

YES NO EXPLANATION

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?

If "yes", describe below

4. Field conclusions/recommendations:

Site is in good condition. No issues noted

POST-CLOSURE INSPECTION CHECKLIST

CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS
CASS 15-06-01 & 15-06-02, U15A MUCKPILE & CAS 15-38-01, AREA 15 U15A/E PONDS

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations (continued):

F. CERTIFICATION

I have conducted an inspection of CAS 15-06-01, U15a Muckpile, and CAS 15-38-01, Area 15 U15a/e Ponds, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 10/25/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 482\10-25-2010 CAU 482 Gate Sign)

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/15/10 11:50 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/4/10

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	✓		
2. Have the previous inspection reports been reviewed?	✓		
3. Were anomalies or trends detected on previous inspections?		✓	
4. Were maintenance or repairs performed since last inspection?	✓		Sig. Maintenance

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	

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POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
b. Are any of the use restriction signs damaged or missing?		✓	
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		

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

Photograph Instructions:

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

3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	7		
If yes, has a photographic log been prepared?	✓		

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

4. Field conclusions/recommendations: Site is in good condition
no issues noted.

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 25-27-03, Polychlorinated Biphenyls Surface Contamination, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/15/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 528\2010\11-15-2010 CAU 528 GAS 25-27-03 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date:

12/29/2010

Printed Name: Thomas A. Thyle (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/16/10 12:57

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/17/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Doreen Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

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

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since last inspection?

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers (Parcel E):

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

a. Is there damage to the fence?

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (Parcel E), continued:	YES	NO	EXPLANATION (required if shaded box is checked)
b. Have any posts been damaged or their anchoring weakened?		✓	Parcel E. South Sign Missing
c. Are any of the use restriction signs damaged or missing?	✓		Warning pro chutes & entry
d. Are all use restriction signs legible?	✓		Good Radio tower fence
e. How many signs need to be replaced?		1	
2. Use-restricted area (Parcel E):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Site markers (Parcel H):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the fence?		✓	
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are any of the use restriction signs damaged or missing?	✓		1 Sign Missing need wire Rep
d. Are all use restriction signs legible?	✓		fence fixed
e. How many signs need to be replaced?		1	
4. Use-restricted area (Parcel H):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			
5. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?		4	
If yes, has a photographic log been prepared?	✓		
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?	✓		If "yes", describe in "Field conclusions/recommendations"

POST-CLOSURE INSPECTION CHECKLIST

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

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations:

Parcel E / Sign Missing on S. Side
 Parcel H / Sign Missing & Wire Rope
 Needs Repair in 1 Section

F. CERTIFICATION

I have conducted an inspection of CAS 25-23-17, Contaminated Wash Parcels E & H, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/15/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\ Photos\ CAU 529\ 2010\ 11-15-2010 CAU 529\ CAS 25-23-17 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-07, UD-3A DISPOSAL HOLE

Inspection Date and Time: 11/1/10

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/7/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

☒
☐

2. Have the previous inspection reports been reviewed?

☒
☐

3. Were anomalies or trends detected on previous inspections?

☐
☒

4. Were maintenance or repairs performed since last inspection?

☒
☐

Signs Replaced

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES

NO

EXPLANATION (required if shaded box is checked)

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

☐
☒

b. Are any of the four (4) use restriction signs damaged or missing?

☐
☒

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-07, UD-3A DISPOSAL HOLE

1. Site markers (continued):

c. Are all use restriction signs legible?

✓

d. Do all signs have the required wording on the signs (check wording on all signs):

WARNING
 UNDERGROUND RADIOLOGICAL
 CONTAMINATION BELOW 2 FT BGS
 FFACO Site CAU 542/CAS 03-20-07
 UD-3a DISPOSAL HOLE
 No activities that may alter or modify the containment
 control are permitted without U.S. Government
 permission.
 Before working in this area,
 Contact Real Estate Services at 295-2528

✓

e. How many signs need to be replaced?

2

Photograph Instructions:

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

2. Photograph Documentation:

a. Have photographs been taken of the site?

✓

If yes, how many photos were taken?

2

If yes, has a photographic log been prepared?

✓

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?

✓

✓

If "yes", describe below

4. Field conclusions/recommendations:

Site is in good condition

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-07, UD-3A DISPOSAL HOLE

F. CERTIFICATION

I have conducted an inspection of CAS 03-20-07, UD-3a Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 542\2010\CAU 542 CAS 03-20-07 Inspection

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

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

Inspection Date and Time: 11/1/10 11:40 AM

Reason for Inspection: Appeal

Date of Last Post-Closure Inspection: 12/7/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Daley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

✓

2. Have the previous inspection reports been reviewed?

✓

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since last inspection?

✓

Replaced Signs

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES

NO

EXPLANATION (required if shaded box is checked)

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

✓

b. Are any of the four (4) use restriction signs damaged or missing?

✓

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-09, UD-3B DISPOSAL HOLE

1. Site markers (continued):

c. Are all use restriction signs legible?

d. Do all signs have the required wording on the signs (check wording on all signs):

<p align="center">WARNING UNDERGROUND RADIOLOGICAL CONTAMINATION BELOW 2 FT BGS FFACO Site CAU 542/CAS 03-20-09 UD-3b DISPOSAL HOLE No activities that may alter or modify the containment control are permitted without U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2528</p>
--

e. How many signs need to be replaced?

YES NO EXPLANATION (required if shaded box is checked)

YES NO EXPLANATION (required if shaded box is checked)

YES NO EXPLANATION (required if shaded box is checked)

YES NO EXPLANATION (required if shaded box is checked)

Photograph Instructions:

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

2. Photograph Documentation:

a. Have photographs been taken of the site?

If yes, how many photos were taken?

If yes, has a photographic log been prepared?

YES NO EXPLANATION

YES NO EXPLANATION

YES NO EXPLANATION

YES NO EXPLANATION

E. FIELD CONCLUSIONS

YES NO EXPLANATION (required if shaded box is checked)

1. Are more frequent inspections required?

2. Are existing maintenance/repair actions satisfactory?

3. Are maintenance/repair actions necessary?

YES NO EXPLANATION (required if shaded box is checked)

YES NO EXPLANATION (required if shaded box is checked)

YES NO EXPLANATION (required if shaded box is checked)

4. Field conclusions/recommendations:

1 Faded Sign needs Replacing

POST-CLOSURE INSPECTION CHECKLIST**CAU 542: DISPOSAL HOLES - CAS 03-20-09, UD-3B DISPOSAL HOLE****F. CERTIFICATION**

I have conducted an inspection of CAS 03-20-09, UD-3b Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 542\2010\CAU 542 CAS 03-20-09 Inspection)

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/10

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-10, UD-3C DISPOSAL HOLE

Inspection Date and Time: 11/1/10 10:37 AM	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/7/09	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Dudley Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

	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?	☒	☐	Signs Added
4. Were maintenance or repairs performed since last inspection?	☒	☐	Signs Replaced

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

I. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are any of the four (4) use restriction signs damaged or missing?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-10, UD-3C DISPOSAL HOLE

1. Site markers (continued):

c. Are all use restriction signs legible?

d. Do all signs have the required wording on the signs (check wording on all signs):

WARNING
UNDERGROUND RADIOLOGICAL
CONTAMINATION BELOW 2 FT BGS
FFACO Site CAU 542/CAS 03-20-10
UD-3c DISPOSAL HOLE
 No activities that may alter or modify the containment
 control are permitted without U.S. Government
 permission.
 Before working in this area,
 Contact Real Estate Services at 295-2528

YES NO EXPLANATION (required if shaded box is checked)

✓ 2 Faded

✓

e. How many signs need to be replaced?

2

Photograph Instructions:

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

2. Photograph Documentation:

a. Have photographs been taken of the site?

If yes, how many photos were taken?

If yes, has a photographic log been prepared?

YES NO EXPLANATION

✓

2

✓

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?

✓

If "yes", describe below

4. Field conclusions/recommendations:

Replace 2 Faded 'Warning' Signs.

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-10, UD-3C DISPOSAL HOLE

F. CERTIFICATION

I have conducted an inspection of CAS 03-20-¹⁰~~07~~, UD-3c Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 542\2010\CAU 542 CAS 03-20-10 Inspection

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

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

Inspection Date and Time: 11/1/10 11:15 AM	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/7/09	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Dudley Emer	Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

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

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection to certify that postings are in place, intact, and readable.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the four (4) use restriction signs damaged or missing?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-11, UD-3D DISPOSAL HOLE

1. Site markers (continued):

c. Are all use restriction signs legible?

YES

NO

EXPLANATION (required if shaded box is checked)

✓

d. Do all signs have the required wording on the signs (check wording on all signs):

WARNING
 UNDERGROUND RADIOLOGICAL
 CONTAMINATION BELOW 2 FT BGS
 FFACO Site CAU 542/CAS 03-20-11
 UD-3a DISPOSAL HOLE
 No activities that may alter or modify the containment
 control are permitted without U.S. Government
 permission.
 Before working in this area,
 Contact Real Estate Services at 295-2528

✓

e. How many signs need to be replaced?

0

Photograph Instructions:

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

2. Photograph Documentation:

YES

NO

EXPLANATION

a. Have photographs been taken of the site?

✓

If yes, how many photos were taken?

2

If yes, has a photographic log been prepared?

✓

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?

✓

✓

If "yes", describe below

4. Field conclusions/recommendations:

Site is in good condition

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-11, UD-3D DISPOSAL HOLE

F. CERTIFICATION

I have conducted an inspection of CAS 03-20-11, UD-3d Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 542\2010\CAU 542 CAS 03-20-11 Inspection)

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

G. VERIFICATION

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

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST**CAU 542: DISPOSAL HOLES - CAS 06-20-03, UD-6 AND UD-6S DISPOSAL HOLES**

Inspection Date and Time: 11/1/10 10:55AM	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/7/09	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Dorey Emery	Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☒	☐	Faded Missing Signs Replaced

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

I. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are any of the four (4) use restriction signs damaged or missing?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 06-20-03, UD-6 AND UD-6S DISPOSAL HOLES

1. Site markers (continued):

c. Are all use restriction signs legible?

d. Do all signs have the required wording on the signs (check wording on all signs):

WARNING
 UNDERGROUND RADIOLOGICAL
 CONTAMINATION BELOW 2 FT BGS
 FFACO Site CAU 542/CAS 06-20-03
 UD-6 and UD-6s DISPOSAL HOLES
 No activities that may alter or modify the containment
 control are permitted without U.S. Government
 permission.
 Before working in this area,
 Contact Real Estate Services at 295-2528

e. How many signs need to be replaced?

YES NO EXPLANATION (required if shaded box is checked)

✓ 1 Faded

✓

1

Photograph Instructions:

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

2. Photograph Documentation:

a. Have photographs been taken of the site?

If yes, how many photos were taken?

If yes, has a photographic log been prepared?

YES NO EXPLANATION

✓

2

✓

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?

✓

If "yes", describe below

4. Field conclusions/recommendations:

1 Faded Sign needs Replacing

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 06-20-03, UD-6 AND UD-6S DISPOSAL HOLES

F. CERTIFICATION

I have conducted an inspection of CAS 06-20-03, UD-6 and UD-6s Disposal Holes, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 542\2010\CAU 542 CAS 06-20-03)

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiel (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/9/10 12:54

Reason for Inspection: Annual

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

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emmer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

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

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the entire use restricted area and all features specifically described in this checklist (site is small enough to see entire use-restricted area from the perimeter fencing).* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

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

pg 1 of 3

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the nine (9) use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many use restriction signs need to be replaced?	0		
f. Are any of the nine (9) PCB signs damaged or missing?		✓	
g. Are all PCB signs legible (including written info on bottom 2 lines)?	✓		
h. How many PCB signs need to be replaced?	0		

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

Photograph Instructions:

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

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

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

4. Field conclusions/recommendations: Site is in Good Condition no issues noted.

mgs

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 06-07-01, Decon Pad, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/9/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 543\2010\11-9-2010 CAU 543 CAS 06-07-01 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

**CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK
- CAS 15-23-03, CONTAMINATED SUMP, PIPING**

Inspection Date and Time: 10/25/2010 10:17 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/10/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emmer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

✓

2. Have the previous inspection reports been reviewed?

✓

3. Were anomalies or trends detected on previous inspections?

✓

4. Were maintenance or repairs performed since last inspection?

✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection consists of traversing the perimeter fencing and visually inspecting the fence, posts, and signs, and the entire use restricted area and all features specifically described in this checklist (sites are small enough to see entire use-restricted area from the perimeter fencing).* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers (CAS 15-01-03, Building 15-06 pad):

YES

NO

EXPLANATION (required if shaded box is checked)

a. Is there damage to the fencing?

✓

1st and 2nd fence is down on S.W. corner

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

✓

POST-CLOSURE INSPECTION CHECKLIST

CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK
- CAS 15-23-03, CONTAMINATED SUMP, PIPING

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers (CAS 15-01-03, Bldg 15-06 pad) continued:			
c. Are any of the four (4) use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many use restriction signs need to be replaced?		0	
f. Are any of the four (4) PCB signs damaged or missing?		✓	
g. Are all PCB signs legible (including written info on bottom 2 lines)?	✓		
h. How many PCB signs need to be replaced?		0	
2. Use-restricted area (CAS 15-01-03, Bldg. 15-06 pad):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Site markers (CAS 15-01-03, underground piping):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the twelve (12) use restriction signs damaged or missing?		✓	
c. Are all use restriction signs legible?	✓		
d. How many use restriction signs need to be replaced?		0	
e. Are any of the twelve (12) PCB signs damaged or missing?	✓		3 PCB Signs missing
f. Are all PCB signs legible (including written info on bottom 2 lines)?	✓		
g. How many PCB signs need to be replaced?		3	
4. Use-restricted area (CAS 15-01-03, underground piping):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
5. Site markers (CAS 15-23-03):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the five (5) use restriction signs damaged or missing?		✓	
c. Are all use restriction signs legible?	✓		
d. How many use restriction signs need to be replaced?		0	
e. Are any of the four (4) URMA signs damaged or missing?		✓	
f. Are all URMA signs legible?	✓		
g. How many URMA signs need to be replaced?		0	
h. Are all URMA signs firmly affixed to fencing??	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK
- CAS 15-23-03, CONTAMINATED SUMP, PIPING

6. Use-restricted area (CAS 15-23-03):

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

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

Photograph Instructions:

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

7. 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

YES	NO	EXPLANATION (required if shaded box is checked)
	☒	
☒		
☒		If "yes", describe below and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

1. Are more frequent inspections required?

2. Are existing maintenance/repair actions satisfactory?

3. Are maintenance/repair actions necessary?

4. Field conclusions/recommendations: CAS 15-01-03 1 strand of fencing
is down on S.W. corner
3 PCB Signs are missing & need
Replacement.

F. CERTIFICATION

I have conducted an inspection of CASs 15-01-03, Aboveground Storage Tank, and 15-23-03, Contaminated Sump, Piping, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist: attached sheets, field notes, photographs, and photograph logs.

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

Date: 10/25/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 543\2010\10-25-2010 CAU 543 CAS 15-01-03 Inspection

Distribution: Original – Industrial Sites Project Manager

Copy – Task Manager

POST-CLOSURE INSPECTION CHECKLIST	
CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK - CAS 15-23-03, CONTAMINATED SUMP, PIPING	
G. VERIFICATION	
I have reviewed this checklist and attachments and have verified that it is complete.	
Signature: <u>/s/:Reed Poderis</u>	Date: <u>12/29/2010</u>
Printed Name: <u>Thomas A. Thiele</u> (or designee)	

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/1/10 11:50 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/7/09

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

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

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

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

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Were maintenance or repairs performed since last inspection?

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

- *The site inspection to certify that postings are in place, intact, and readable.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

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

a. Is the fence damaged?

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

POST-CLOSURE INSPECTION CHECKLIST**CAU 545: DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS
CAS 03-08-03, MUD DISPOSAL SITE**

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the fourteen (14) use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. Do all signs have the required wording on the signs (check wording on all signs):			
<div style="border: 1px solid black; padding: 5px; text-align: center;"> WARNING Radiologically Contaminated Area FFACO Site CAU 545/CAS 03-08-03 CAS 03-08-03 Mud Disposal Site No activities that alter or modify the containment control are permitted without U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2528 </div>			
f. How many signs need to be replaced?		0	

Photograph Instructions:

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

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

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?			If "yes", describe in Field conclusions/recommendations

4. Field conclusions/recommendations:	Site is in good condition No issues noted		

POST-CLOSURE INSPECTION CHECKLIST

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

F. CERTIFICATION

I have conducted an inspection of CAS 03-08-03, Mud Disposal Site, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

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

Date: 11/1/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\ Photos\ CAU 545\ 2010\ CAU 545 CAS 03-08-03 Inspection

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

G. VERIFICATION

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

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 545: DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS
CAS 03-23-05, EUROPIUM DISPOSAL SITE

Inspection Date and Time: 11/1/10 13:00

Reason for Inspection: Annual

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

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

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

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

YES NO EXPLANATION (required if shaded box is checked)

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

✓	
✓	
	✓
	✓

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- a. Radio, pager, etc.
- b. Camera, digital storage drive, and extra batteries
- c. Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- d. Tape measure
- e. Other miscellaneous support equipment

D. SITE INSPECTION

- *The site inspection to certify that postings are in place, intact, and readable.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers (northwest fenced area):

YES NO EXPLANATION (required if shaded box is checked)

a. Is the fence damaged?

	✓
--	---

b. Have any posts been damaged or their anchoring weakened?

	✓
--	---

POST-CLOSURE INSPECTION CHECKLIST

CAU 545: DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS CAS 03-23-05, EUROPIUM DISPOSAL SITE

1. Site markers (northwest fenced area), continued:	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are any of the four (4) use restriction signs damaged or missing??		✓	
d. Are all use restriction signs legible?	✓		
e. Do all signs have the required wording on the signs (check wording on all signs):	✓		
<div style="border: 1px solid black; padding: 5px; text-align: center;"> WARNING Radiologically Contaminated Area FFACO Site CAU 545/CAS 03-23-05 CAS 03-23-05 Europium Disposal Site No activities that alter or modify the containment control are permitted without U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2528 </div>			
f. How many signs need to be replaced?		0	
2. Site markers (southern fenced area):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is the fence damaged?		✓	
b. Have any posts been damaged or their anchoring weakened?		✓	
c. Are any of the three (3) use restriction signs damaged or missing??		✓	
d. Are all use restriction signs legible?	✓		
e. Do all signs have the required wording on the signs (check wording on all signs):	✓		
<div style="border: 1px solid black; padding: 5px; text-align: center;"> WARNING Radiologically Contaminated Area FFACO Site CAU 545/CAS 03-23-05 CAS 03-23-05 Europium Disposal Site No activities that alter or modify the containment control are permitted without U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2528 </div>			
f. How many signs need to be replaced?		0	
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			
3. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?		2	
If yes, has a photographic log been prepared?	✓		

POST-CLOSURE INSPECTION CHECKLIST

CAU 545: DUMPS, WASTE DISPOSAL SITES, AND BURIED RADIOACTIVE MATERIALS
CAS 03-23-05, EUROPIUM DISPOSAL SITE

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?		☒	If "yes", describe below
4. Field conclusions/recommendations: <i>Site is in good condition</i> <i>No issues noted</i>			

F. CERTIFICATION

I have conducted an inspection of CAS 03-23-05, Europium Disposal Site, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson

Date: 11/1/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 545\2010\CAU 545 CAS 03-23-05 Inspection

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature:

/s/: Reed Poderis

Date:

12/29/2010

Printed Name: \Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 546: INJECTION WELL AND SURFACE RELEASES - CAS 09-20-01, INJECTION WELL

Inspection Date and Time: 10/25/10 11:50 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/10/09

Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

B. PREPARATION (To be completed prior to site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

D. SITE INSPECTION

- *The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Are any of the use restriction signs damaged or missing?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST

CAU 546: INJECTION WELL AND SURFACE RELEASES - CAS 09-20-01, INJECTION WELL

1. Site markers (continued):

YES NO

EXPLANATION (required if shaded box is checked)

c. How many signs need to be replaced?

0

2. Use-restricted area:

YES NO

EXPLANATION (required if shaded box is checked)

a. Is there evidence of human intrusion onto the site?

✓

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:

YES NO

EXPLANATION

a. Have photographs been taken of the site?

✓

If yes, how many photos were taken?

2

If yes, has a photographic log been prepared?

✓

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?

✓

✓

If "yes", describe below

4. Field conclusions/recommendations:

Site is in good condition, no issues noted

F. CERTIFICATION

I have conducted an inspection of 09-20-01, Injection Well, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/: Glenn Richardson

Date: 10/25/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 546\2010\10-25-2010 CAU 546 CA\09-20-01

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/: Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Tule (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 551: AREA 12 MUCKPILES - CAS 12-01-09, ABOVEGROUND STORAGE TANK AND STAIN
CAS 12-06-05, U-12B MUCKPILE
CAS 12-06-07, MUCKPILE
CAS 12-06-08, MUCKPILE

Inspection Date and Time: 10/11/10 11:25

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/10/09

Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

B. PREPARATION (To be completed prior to site visit)

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Has the Post-Closure Plan been reviewed?	☒	☐	
2. Have the previous inspection reports been reviewed?	☒	☐	
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

D. SITE INSPECTION

- The checklist should be completed during the site inspection. *In addition to the inspection items noted in the checklist, the general condition of the access road and drainage below the E-Tunnel turnoff culvert will also be inspected.*
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES NO EXPLANATION (required if shaded box is checked)

a. Have any posts been damaged or their anchoring weakened?

☒

☐

1 Sign w/ Post down 1 Sign down

POST-CLOSURE INSPECTION CHECKLIST

CAU 551: AREA 12 MUCKPILES - CAS 12-01-09, ABOVEGROUND STORAGE TANK AND STAIN
CAS 12-06-05, U-12B MUCKPILE
CAS 12-06-07, MUCKPILE
CAS 12-06-08, MUCKPILE

D. SITE INSPECTION (continued)

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
b. Are any of the thirteen (13) use restriction signs damaged or missing?	☒	☐	2 Signs down (with damaged T-Posts)
c. Are all use restriction signs legible?	☐	☒	1 Faded Sign
d. How many signs need to be replaced?		1	

2. Adjacent off-site features:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Are both runoff diversion berms in place and functioning as designed (i.e., diverting runoff out of the basin)?	☒	☐	
b. E-Tunnel turnoff culvert – is there visible evidence of sediment migrating past the culvert?	☐	☒	
c. Were photos taken to document migration or non-migration past the culvert?	☒	☐	
d. At the access road and drainage below the E-Tunnel turnoff culvert – Is there evidence that sediment from within the use restricted area is migrating to outside of the use restricted area?	☐	☐	If "yes", describe, and the Task Manager must complete the "Follow-up Actions" (not part of checklist)

e. What is the general condition of the access road and drainage below the E-Tunnel turnoff culvert? Road and the drainage are in good shape with no issues noted

Photograph Instructions:

- **Photographs must be taken to document whether there is visible evidence of sediment migrating past the E-Tunnel turnoff culvert.**
- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?		3	
If yes, has a photographic log been prepared?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST

**CAU 551: AREA 12 MUCKPILES - CAS 12-01-09, ABOVEGROUND STORAGE TANK AND STAIN
CAS 12-06-05, U-12B MUCKPILE
CAS 12-06-07, MUCKPILE
CAS 12-06-08, MUCKPILE**

E. FIELD CONCLUSIONS		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?			☒	If "yes", describe below
4. Field conclusions/recommendations:		<p>Site Grains Column in good cond. t.</p> <p>1 Faded Sign needs Replacement</p> <p>2 Sign & T posts down & need to be Reset.</p>		

F. CERTIFICATION

I have conducted an inspection of CASs 12-01-09, Aboveground Storage Tank and Stain, 12-06-05, U-12b Muckpile, 12-06-07, Muckpile, and 12-06-08, Muckpile, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/ :Glenn Richardson

Date: 10/11/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 551\2010\10-11-2010 CAU 551 Inspection

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 552: AREA 12 MUCKPILE AND PONDS - CAS 12-23-05, PONDS

Inspection Date and Time: 10/11/10 10:50

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/9/09 10

Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Doolay Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

B. PREPARATION (To be completed prior to site visit)

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

☒
☐

2. Have the previous inspection reports been reviewed?

☒
☐

3. Were anomalies or trends detected on previous inspections?

☐
☒

4. Were maintenance or repairs performed since last inspection?

☒
☐

Barbed Wire Repaired

5. Has closure of the G-Tunnel muckpile been completed?

☐
☒

If "yes", then the Task Manager must complete the "Follow-up Actions" (not part of checklist)

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

D. SITE INSPECTION

- The annual inspection is of fencing and postings, to ensure that demarcation and postings are in good condition and that all signs are legible.* The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES

NO

EXPLANATION (required if shaded box is checked)

a. Is there damage to the fence or wire rope?

☐
☒

POST-CLOSURE INSPECTION CHECKLIST

CAU 552: AREA 12 MUCKPILE AND PONDS - CAS 12-23-05, PONDS

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
b. Have any posts been damaged or their anchoring weakened?	☒	☐	
c. Are any of the radiological posting signs damaged or missing?	☒	☐	
d. Are all radiological posting signs legible?	☒	☐	
e. How many signs need to be replaced?		0	

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

2. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?		2	
If yes, has a photographic log been prepared?	☒	☐	

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?	☐	☒	If "yes", describe below

4. Field conclusions/recommendations: Site is in good condition

POST-CLOSURE INSPECTION CHECKLIST

CAU 552: AREA 12 MUCKPILE AND PONDS - CAS 12-23-05, PONDS

F. CERTIFICATION

I have conducted an inspection of CAS 12-23-05, Ponds, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/:Glenn Richardson

Date: 10/11/10

Printed Name: Glenn Richardson

Title: Task Manager

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 552\2010\10-11-2010 CAU 552 CAS 12-23-05 Inspection

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: /s/:Reed Poderis

Date: 12/29/2010

Printed Name: Thomas A. Thiele (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST**CAU 554: AREA 23 RELEASE SITE - CAS 23-02-08, USTS 23-115-1,2,3/SPILL NO. 530-90-002**Inspection Date and Time: 11/22/10 4:05 PMReason for Inspection: AnnualDate of Last Post-Closure Inspection: 12/15/09Reason for Last Post-Closure Inspection: Annual

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: Gleann RichardsonTitle: Task ManagerAssistant Inspector: NoneTitle: —**A. GENERAL INSTRUCTIONS**

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information regarding what was found and/or appropriate references to other documents that have the information (e.g., Maintenance Order Form for CAS 25-01-07 dated 3/28/2008).
- All documentation must be legible and clear.

B. PREPARATION (To be completed prior to site visit)

YES NO EXPLANATION (required if shaded box is checked)

1. Has the Post-Closure Plan been reviewed?

☒

2. Have the previous inspection reports been reviewed?

☒

3. Were anomalies or trends detected on previous inspections?

☒

4. Were maintenance or repairs performed since last inspection?

☒**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Camera, digital storage drive, and extra batteries
- Previous Post-Closure Report, Inspection Checklists, repair records, and as-built plans
- Tape measure
- Other miscellaneous support equipment

D. SITE INSPECTION

- **The site inspection to certify that postings are in place, intact, and readable.** The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. Information can take the form of written narrative, sketches, measurements, and annotated site maps, all of which should be placed on additional attachments (if needed) and cross-reference appropriately. Attach the additional pages and number all pages upon completion of the inspection. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:

YES NO EXPLANATION (required if shaded box is checked)

a. Have any posts been damaged or their anchoring weakened?

☒

b. Are any of the four (4) use restriction signs damaged or missing?

☒

POST-CLOSURE INSPECTION CHECKLIST

CAU 554: AREA 23 RELEASE SITE - CAS 23-02-08, USTS 23-115-1,2,3/SPILL NO. 530-90-002

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
c. Are all use restriction signs legible?	✓		
d. Do all signs have the required wording on the signs (check wording on all signs):			
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p style="text-align: center;">WARNING</p> <p style="text-align: center;">Underground contamination below 10 ft bgs FFACO Site CAU 554/CAS 23-02-08 Area 23 Release Site</p> <p>No activities that alter or modify the containment control are permitted without U.S. Government permission. Before working in this area, Contact Real Estate Services at 295-2528</p> </div>	✓		
e. How many signs need to be replaced?		0	
f. Are both brass plates intact and readable?	✓		
g. Does one of the brass plates have the following information?			
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>N=4057626.5899 E=589824.0218 CAU 554 / CAS 23-02-08</p> </div>	✓		
h. Does the other brass plates have the following information?			
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>N=4057626.3785 E=589878.0879 CAU 554 / CAS 23-02-08</p> </div>	✓		
Photograph Instructions: <ul style="list-style-type: none"> Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report. Anomalous features or new features (such as changes in adjacent area land use) should be photographed. Other photographs are optional. A photograph log entry will be made for each photograph taken. 			
2. Photograph Documentation:	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?		2	
If yes, has a photographic log been prepared?	✓		
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?		✓	If "yes", describe in "Field conclusions/recommendations"

POST-CLOSURE INSPECTION CHECKLIST

CAU 554: AREA 23 RELEASE SITE - CAS 23-02-08, USTS 23-115-1,2,3/SPILL NO. 530-90-002

E. FIELD CONCLUSIONS (continued)

4. Field conclusions/recommendations: *Overall site conditions are good. No corrective actions are necessary.*

F. CERTIFICATION

I have conducted an inspection of CAS 23-02-08, USTS 23-115-1,2,3/Spill No. 530-90-002, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: */s/:Glenn Richardson* Date: *11/22/10*

Printed Name: *Glenn Richardson* Title: *Task Manager*

Required Attachments:

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\Photos\CAU 554\ 2010\ 11-22-2010 CAU 554 CAS 23-02-08 Inspection

Distribution: Original – Industrial Sites Project Manager
Copy – Task Manager

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that it is complete.

Signature: */s/:Reed Poderis*

Date: *12/29/2010*

Printed Name: *Thomas A. Tule* (or designee)

Distribution: Original – Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 560, SEPTIC SYSTEMS – CAS 06-05-03, LEACH PIT; AND CAS 06-05-04, LEACH BED

Inspection Date and Time: 11/9/10 1:25 PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: None "1st Annual Inspection"

Reason for Last Post-Closure Inspection: None - N/A

Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada

Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

- Complete all checklist items.
- If a SHADED BOX is checked, provide detailed information and/or appropriate references to other documents that have the information.
- All documentation must be legible and clear.

B. PREPARATION (To be completed prior to site visit)

	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?	☐	☒	N/A "1st Annual Inspection"
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since the last inspection?	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

- Radio, pager, etc.
- Previous letter report, inspection checklists, repair records, and as-built plans
- Other miscellaneous support equipment

D. SITE INSPECTION

- The site inspection is a walking inspection of the entire site including the perimeter and sufficient transects to be able to inspect the entire surface and all features specifically described in this checklist. The checklist should be completed during the site inspection.
- If a shaded box is checked, add detailed comments to document the results of the site inspection. Information provided should be of sufficient detail to enable reconstruction of observations regarding field conditions. The completed checklist is part of the field record of the inspection.
- Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes, and additional field notes are not required if the checklist and associated attachments adequately describe site conditions.

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are all use restriction signs legible?	☒	☐	
c. 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:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 560, SEPTIC SYSTEMS – CAS 06-05-03, LEACH PIT; AND CAS 06-05-04, LEACH BED

Photograph Instructions:

- Photographs should be taken to document maintenance/repair needs at the site. These will be used to plan maintenance/repair activities and are not intended for use in the post-closure annual report.
- Anomalous features or new features (such as changes in adjacent area land use) should be photographed.
- Other photographs are optional.
- A photograph log entry will be made for each photograph taken.

3. Photograph Documentation:

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?

✓

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?

✓

✓

4. Field conclusions/recommendations: *The UR signs are readable and in great condition. The T-posts are sturdy and intact. There are no issues or concerns. Site access is currently maintained by a combination lock.*

F. CERTIFICATION

I have conducted an inspection of CAS 06-05-03, Leach Pit; and CAS 06-05-04, Leach Bed, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/:Glenn Richardson

Date:

11/9/10

Printed Name:

Glenn Richardson

Title:

Task Manager

Required Attachments:

- Field Notes (if any)
- Photos

(or note File Location: S:\NTS\ER Share\ Photos\ CAU 560\ 2010\ 11-9-2010 CAU 560 CAS 06-05-03 Inspection)
S:\NTS\ER Share\ Photos\ CAU 560\ 2010\ 11-9-2010 CAU 560 CAS 06-05-04

G. VERIFICATION

I have reviewed this checklist and attachments and have verified that they are complete.

Signature /s/:Reed Poderis

Date:

12/29/10

Printed Name: Thomas A. Thele (or designee)