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

MAR 24 2009

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 TEST SITE, REVISION 0,
MARCH 2009**

This letter serves as the post-closure inspection letter report for Corrective Action Units (CAUs) on the Nevada Test Site (NTS) for Calendar Year 2008.

CAU 5, Landfills

Eight Corrective Action Sites (CASs) in CAU 5 require inspections. CAS 05-15-01, CAS 05-16-01, and CAS 23-15-03 were inspected on November 25, 2008. CAS 06-08-01, CAS 06-15-02, and CAS 06-15-03 were inspected on November 13, 2008. CAS 12-15-01 was inspected on October 27, 2008. CAS 20-15-01 was inspected on October 28, 2008.

During the previous inspections performed for Calendar Year 2007, numerous signs were down, loose, or missing at CAS 05-15-01, CAS 05-16-01, CAS 06-08-01, and CAS 12-15-01. In addition, fences at CAS 06-08-01 and CAS 12-15-01 required repair. It was also recommended to replace the locks at CAS 06-08-01 and post an additional sign at CAS 06-08-01. Sign maintenance and additional repairs were completed in March and June of 2008.

During the 2008 inspections, several signs were down, loose, or missing due to high winds at CAS 05-15-01, CAS 05-16-01, CAS 06-08-01, and CAS 20-15-01. Sign maintenance will be completed in 2009 and reported in the next letter report. No other issues were identified.

CAU 113, Area 25 R-MAD Facility

CAU 113 was inspected on December 17, 2008. No issues were identified, and no maintenance or repairs were required.

CAU 115, Area 25 Test Cell A Facility

CAU 115 was inspected on December 17, 2008. During the inspection, several signs were down or missing. Sign maintenance will be completed in 2009 and reported in the next letter report. In addition, as a best management practice, it was recommended to reconfigure radiological postings to improve awareness of site conditions. No other issues were identified.

CAU 118, Area 27 Super Kukla Facility

CAU 118 requires semiannual inspections. The site was inspected on October 9 and December 11, 2008. No issues were identified, and no maintenance or repairs were required.

CAU 127, Areas 25 and 26 Storage Tanks

Two CASs in CAU 127 require inspections. CAS 25-01-07 was inspected on December 8, 2008, and CAS 25-02-02 was inspected on December 9, 2008. 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 13, 2008. CAS 07-23-02 was inspected on November 4, 2008. CAS 12-08-01 and CAS 12-23-07 were inspected on October 27, 2008. No issues were identified, and no maintenance or repairs were required.

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

Two CASs in CAU 140 require inspections. CAS 05-23-01 was inspected on November 13, 2008, and CAS 23-17-01 was inspected on November 25, 2008. During the previous inspections performed for Calendar Year 2007, one sign was down and one sign was loose at CAS 23-17-01. Sign maintenance was completed in August 2008. During the 2008 inspections, one sign was down at CAS 05-23-01. Sign maintenance will be completed in 2009 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 December 17, 2008. During the previous inspections performed for Calendar Year 2007, numerous signs and radiological postings were down, loose, or missing at CAS 25-23-09. Sign maintenance was completed in February 2008. During the 2008 inspections, several signs were down, loose, or missing at CAS 25-23-03 and CAS 25-23-09. Sign maintenance will be completed in 2009 and reported in the next letter report. No other issues were identified.

CAU 145, Wells and Storage Holes

CAU 145 was inspected on November 4, 2008. No issues were identified, and no maintenance or repairs were required.

CAU 151, Septic Systems and Discharge Area

CAU 151 was inspected on October 27, 2008. No issues were identified, and no maintenance or repairs were required.

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

CAU 165 was inspected on December 3, 2008. During the inspection, one sign was down. Sign maintenance will be completed in 2009 and reported in the next letter report. No other issues were identified.

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

Three CASs in CAU 168 require inspections. CAS 25-16-03 was inspected on December 8, 2008. CAS 25-23-02 was inspected on December 17, 2008. CAS 25-99-16 was inspected on December 3, 2008. During the previous inspections performed for Calendar Year 2007, several signs were down or loose at CAS 25-23-02. Sign maintenance was completed in March 2008. During the 2008 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, CAS 02-34-01, and CAS 05-18-02 were inspected on November 13, 2008. CAS 03-34-01 was inspected on November 4, 2008. CAS 05-33-01 was inspected on November 25, 2008. During the previous inspections performed for Calendar Year 2007, T-post removal was recommended at CAS 05-18-02. T-post removal was completed in March 2008. During the 2008 inspections, one sign was down at CAS 02-34-01. Sign maintenance will be completed in 2009 and reported in the next letter report. No other issues were identified.

CAU 254, Area 25 R-MAD Decontamination Facility

CAU 254 was inspected on December 17, 2008. No issues were identified, and no maintenance or repairs were required.

CAU 261, Area 25 Test Cell A Leachfield System

CAU 261 was inspected on December 17, 2008. During the inspection, several signs were down or missing. Sign maintenance will be completed in 2009 and reported in the next letter report. No other issues were identified.

CAU 262, Area 25 Septic Systems and UDP

Three CASs in CAU 262 require inspections. CAS 25-02-06 was inspected on December 8, 2008. CAS 25-05-03 was inspected on December 10, 2008. CAS 25-05-08 was inspected on December 9, 2008. During the previous inspections performed for Calendar Year 2007, one sign was missing at CAS 25-05-08. Sign maintenance was completed in March 2008. During the 2008 inspections, one sign was down at CAS 25-05-03, and one sign was down at CAS 25-05-08. Sign maintenance will be completed in 2009 and reported in the next letter report. No other issues were identified.

CAU 309, Area 12 Muckpiles

The three CASs in CAU 309 that require inspections were inspected on October 27 and November 13, 2008. During the previous inspections performed for Calendar Year 2007, several radiological postings were in poor condition. Sign maintenance was completed in June 2008. During the 2008 inspections, one T-post was loose. T-post repair will be completed in 2009 and reported in the next letter report. No other issues were identified.

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

CAU 322 was inspected on November 4, 2008. During the inspection, one sign was down. In addition, the fence had been removed to facilitate demolition of the building that was located within the use restricted area. Sign maintenance and fence installation will be completed in 2009 and reported in the next letter report. No other issues were identified.

CAU 339, Area 12 Fleet Operations Steam Cleaning Effluent

CAU 339 was inspected on October 27, 2008. No issues were identified, and no maintenance or repairs were required.

CAU 357, Mud Pits and Waste Dump

Three CASs in CAU 357 require inspections. CAS 04-26-03 was inspected on November 13, 2008. CAS 10-09-06 was inspected on November 4, 2008. CAS 25-15-01 was inspected on December 8, 2008. No issues were identified, and no maintenance or repairs were required.

CAU 528, Polychlorinated Biphenyls Contamination

CAU 528 was inspected on December 9, 2008. During the previous inspection performed for Calendar Year 2007, three signs were down. Sign maintenance was completed in March 2008. During the 2008 inspection, numerous signs were down, loose, or missing. Sign maintenance will be completed in 2009 and reported in the next letter report. No other issues were identified.

CAU 529, Area 25 Contaminated Materials

CAU 529 was inspected on December 10, 2008. During the previous inspection performed for Calendar Year 2007, one sign was down. Sign maintenance was completed in June 2008. During the 2008 inspection, one sign was down. Sign maintenance will be completed in 2009 and reported in the next letter report. No other issues were identified.

CAU 542, Disposal Holes

The five CASs in CAU 542 that require inspections were inspected on November 4, 2008. During the previous inspections performed for Calendar Year 2007, one sign was down at CAS 03-20-07, and one sign was loose at CAS 03-20-10. Sign maintenance was completed in April 2008. During the 2008 inspections, several signs were down, missing, or faded at CAS 03-20-07, CAS 03-20-09, CAS 03-20-10, CAS 03-20-11, and CAS 06-20-03. Sign maintenance will be completed in 2009 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 13, 2008. CAS 15-01-03 and CAS 15-23-03 were inspected on November 4, 2008. During the inspections, the polychlorinated biphenyl labels were faded at CAS 06-07-01, and it was recommended to replace the labels. Replacement of labels will be completed in 2009 and reported in the next letter report. No other issues were identified.

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

The two CASs in CAU 545 that require inspections were inspected on November 4, 2008. No issues were identified, and no maintenance or repairs were required.

CAU 551, Area 12 Muckpiles

CAU 551 was inspected on October 27, 2008. During the previous inspection performed for Calendar Year 2007, one sign was down. Sign maintenance was completed in June 2008. During the 2008 inspection, it was noted that one of the two shunts had eroded, allowing runoff down the road. Shunt repair will be completed in 2009 and reported in the next letter report. No other issues were identified.

CAU 552, Area 12 Muckpile and Ponds

CAU 552 was inspected on October 27, 2008. During the previous inspection performed for Calendar Year 2007, the fence was loose. Fence repair was completed in June 2008. During the 2008 inspection, no issues were identified, and no maintenance or repairs were required.

CAU 554, Area 23 Release Site

CAU 554 was inspected on November 25, 2008. During the inspection, one sign was missing. Sign maintenance will be completed in 2009 and reported in the next letter report. No other issues were identified.

DEFENSE THREAT REDUCTION AGENCY SITES

The following use restrictions are associated with CAUs that were closed by the Defense Threat Reduction Agency (DTRA). A formal transfer of these sites from DTRA to the U.S. Department of Energy, National Nuclear Security Administration Nevada Site Office (NNSA/NSO) is being considered. Results of these inspections are included in this report on behalf of DTRA.

CAU 383, Area 12 E-Tunnel Sites

CAU 383 was inspected on October 27, 2008. 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

CAU 476 and CAU 559 were inspected on December 11, 2008. During the inspection, the wording on the signs was noted to be inconsistent with the wording required by the Closure Report. It was recommended to replace the signs. The signs will be replaced in 2009 and reported in the next letter report. No other issues were identified.

CAU 477, Area 12 N-Tunnel Muckpile

CAU 477 was inspected on December 11, 2008. During the inspection, the wording on the signs was noted to be inconsistent with the wording required by the Closure Report. It was recommended to replace the signs. The signs will be replaced in 2009 and reported in the next letter report. No other issues were identified.

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CAU 478, Area 12 T-Tunnel Ponds

CAU 478 was inspected on December 16, 2008. During the inspection, the wording on the signs was noted to be inconsistent with the wording required by the Closure Report. It was recommended to replace the signs. The signs will be replaced in 2009 and reported in the next letter report. No other issues were identified.

CAU 482, Area 15 U15a/e Muckpiles and Ponds

CAU 482 was inspected on December 9, 2008. During the inspection, the wording on the signs was noted to be inconsistent with the wording required by the Closure Report. It was recommended to replace the signs. The signs will be replaced in 2009 and reported in the next letter report. No other issues were identified.

Due to the large number of signs each year that require replacement at various CAUs on the NTS, NNSA/NSO has begun transitioning to the use of heavier duty sign posts and more effective attachments of the signs to these posts. This effort started at sites located in high-wind areas, but will be expanded to include all future signs that need to be replaced beginning in Calendar Year 2010. This is expected to significantly reduce the number of sign replacements required in the future.

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

Original signed by: R Boehlecke

Robert F. Boehlecke
Federal Project Director
Environmental Restoration Project

ERP:5014.TL

Enclosures:
As stated

ENCLOSURE:

INSPECTION CHECKLISTS

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

Calendar Year 2008

March 2009

Environmental Restoration
Division

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

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CAU 5: LANDFILLS

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/25/08 9:50AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/2/08

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: Chris McGowin

Title: Field Technical Lead

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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 was performed and completed in March 2008.</u>
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. Previous letter report, inspection checklists, repair records, and as-built plans
- c. Other miscellaneous support equipment

D. SITE INSPECTION

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers:			
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the 11 use restriction signs damaged or missing?		✓	<u>Three of the eleven UR signs are down and need to be rehung.</u>
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		

POST-CLOSURE INSPECTION CHECKLIST

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

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?		✓	

3. Photograph Documentation (optional):	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?	✓		Log number: <i>IMG_0140 - IMG_0143</i>

E. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the site? (Immediate report required)		✓	

Date reported: _____

Person/Agency to whom report was made: _____

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

5. Field conclusions/recommendations: *Noticed 3 UR signs down that need to be rehung. No evidence of settling or erosion noticed on the landfill cover.*

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: <i>/s/ G Richardson</i>	Date: <i>11/25/08</i>
Printed Name: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/25/08 11:06 AM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>1/23/08</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>Chris McGowin</u>	Title: <u>Field Technical Lead</u>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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>Sign maintenance was completed in March 2008 on the east of the berm.</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. Previous letter report, inspection checklists, repair records, and as-built plans
- c. Other miscellaneous support equipment

D. SITE INSPECTION

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?		✓	<u>One UR sign is down that needs to be rehung.</u>
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		

POST-CLOSURE INSPECTION CHECKLIST

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

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?		✓	One sign was down that needs to be rehung.
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?		✓	
5. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	6		
If yes, has a photographic log been prepared?	✓		Log number: IMG_0148 - IMG_0153
E. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the site? (Immediate report required)		✓	
Date reported: _____			
Person/Agency to whom report was made: _____			
2. Are more frequent inspections required?		✓	
3. Are existing maintenance/repair actions satisfactory?	✓		
4. Is other maintenance/repair necessary?		✓	

POST-CLOSURE INSPECTION CHECKLIST

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

5. Field conclusions/recommendations: One MR sign on the east and west side of the berm is down and needs to be rehung. The inspection was performed with an escort from Area 5 RWMS. It was determined that the minor sign maintenance would be coordinated and completed by Area 5 RWMS support personnel.

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/ G Richardson

Date: 11/25/08

Printed Name: Glenn Richardson

Title: Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/13/08 15:48

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/2/2008

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glen Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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 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

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 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. FACILITY & UTILITY PLANS REVIEW

The Post-Closure Plan requires the inspector to confirm that the latest copies of the relevant utility and facility plans include provisions for addressing environmental and safety issues associated with maintaining and repairing utilities and roads within this CAS. The following active utilities pass through this CAS: main A6 water line, main A6 sewer line, primary telecommunications lines, overhead electric power lines, and a paved road. Note: the main utility corridor serving numerous Area 6 facilities passes through this CAS. This CAS is covered under ER's primary REOP.

Contact the appropriate utility owners, review the appropriate plans, and complete the checklist attached on Page 2.

D. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

POST-CLOSURE INSPECTION CHECKLIST

CAU005: LANDFILLS - CAS 06-08-01, SANITARY LANDFILL

C. FACILITY & UTILITY PLANS REVIEW

Review the facility and utility plans for this CAS and verify that they include the requirements of the Use Restriction.

Place a check in the appropriate Facility or Utility Plan box for any YES answers.

	FACILITY	UTILITIES				EXPLANATION Required for: - unshaded boxes that are not checked - shaded boxes that are checked
		TELECOM	WATER	SEWER	ROADS	
1. Does the Facility or Utility Plan contain procedures for emergency repairs of utilities and roadways within this CAS?	☒	☒	☒	☒	☒	
2. Do the emergency procedures address the following for any emergency repairs conducted on roads or utilities within the CAS?						
a. Health and Safety precautions	☒	☒	☒	☒	☒	As agreed upon with the applicable facilities and utilities, emergency repairs of utilities or roads within the use restricted areas will not be started without prior approval from NDEP in accordance with the use restriction established at this site.
b. Waste management	☒	☒	☒	☒	☒	
c. Repair of containment features (covers)	☒	☒	☒	☒	☒	
d. Retention of emergency repair records	☒	☒	☒	☒	☒	
e. Were any emergency repairs of utilities or roads within the CAS boundaries made since the last inspection?						None
f. If so, what contacts were made, when, by whom?						
Date reported: _____						
Reported by: _____						
Person(s) to whom report was made: _____						
3. Does the Facility or Utility Plan contain procedures for routine maintenance of utilities and roadways within this CAS?	☒	☒	☒	☒	☒	
4. Do the routine maintenance procedures address the following for any routine maintenance conducted on roads or utilities within the CAS?						
a. Health and Safety precautions	☒	☒	☒	☒	☒	As agreed upon with the applicable facilities and utilities, routine maintenance repairs of utilities or roads within the use restricted areas will not be started without prior approval from NDEP, in accordance with the use restriction established at this site.
b. Waste management	☒	☒	☒	☒	☒	
c. Repair of containment features (covers)	☒	☒	☒	☒	☒	
d. Retention of routine maintenance records	☒	☒	☒	☒	☒	
e. Was any routine maintenance of utilities or roads within the CAS boundaries performed since the last inspection?						None
f. If so, what contacts were made, when, by whom?						
Date reported: _____						
Reported by: _____						
Person(s) to whom report was made: _____						

POST-CLOSURE INSPECTION CHECKLIST

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

E. SITE INSPECTION

1. Site markers around fenced area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the gates?		✓	
b. Are the gate locks in place and functional?	✓		
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:	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 from south boundary of use restricted area to fence:	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?	✓		S.E. corner sign missing
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	1		Sign Missing at S.E. corner
4. Waste unit cover from south boundary of use restricted area to fence:	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?		✓	
5. Photograph Documentation (optional):	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?	✓		Log number: IMG-0834 - IMG-0836.JPG

POST-CLOSURE INSPECTION CHECKLIST

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

E. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the site? (Immediate report required)		✓	
Date reported: _____			
Person/Agency to whom report was made: _____			
2. Are more frequent inspections required?		✓	
3. Are existing maintenance/repair actions satisfactory?	✓		
4. Is other maintenance/repair necessary?		✓	
5. Field conclusions/recommendations: <u>1 Sign Missing at S.E. corner</u>			

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. *ARR*

Chief Inspector's Signature: /s/ G Richardson

Date: 11/13/08

Printed Name: Glenn Richardson

Title: Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

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?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: IMG_0828 - 0829.JPG
E. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the site? (Immediate report required)		✓	
Date reported: _____			
Person/Agency to whom report was made: _____			
2. Are more frequent inspections required?		✓	
3. Are existing maintenance/repair actions satisfactory?	✓		
4. Is other maintenance/repair necessary?		—	
5. Field conclusions/recommendations: <i>Site in good condition with no deficiencies noted.</i>			
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/ G Richardson		Date: 11/13/08	
Printed Name: Glenn Richardson		Title: Task Manager	

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/7/08 10:45	Reason for Inspection: Annual Insp
Date of Last Post-Closure Inspection: Jan 3, 2008	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

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?	☒	☐	Sign Maintenance Repair performed
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. FACILITY & UTILITY PLANS REVIEW

The Post-Closure Plan requires the inspector to confirm that the latest copies of the relevant utility and facility plans include provisions for addressing environmental and safety issues associated with maintaining and repairing utilities and roads within this CAS. The following active utilities pass through this CAS: the main sewer line serving the Area 12 Camp the length of the CAS, overhead electrical power lines, one underground power line from the pole line to the sewer flow-meter shed, a road the length of the CAS, and the power line road.

Contact the appropriate facility and utility owners, review the appropriate plans, and complete the checklist attached on Page 2.

D. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

POST-CLOSURE INSPECTION CHECKLIST CAU005: LANDFILLS - CAS 12-15-01, SANITARY LANDFILL

C. FACILITY & UTILITY PLANS REVIEW Review the facility and utility plans for this CAS and verify that they include the requirements of the Use Restriction. Place a check in the appropriate Facility or Utility Plan box for any YES answers.	FACILITY	UTILITIES			EXPLANATION Required for: - unshaded boxes that are not checked - shaded boxes that are checked
		SEWER	ELECTRIC	ROADS	
1. Does the Facility or Utility Plan contain procedures for emergency repairs of utilities and roadways within this CAS?	☒	☒	☒	☒	
2. Do the emergency procedures address the following for any emergency repairs conducted on roads or utilities within the CAS?					
a. Health and Safety precautions	☒	☒	☒	☒	As agreed upon with the applicable facilities and utilities, emergency repairs of utilities or roads within the use restricted areas will not be started without prior approval from NDEP, in accordance with the use restriction established at this site.
b. Waste management	☒	☒	☒	☒	
c. Repair of containment features (covers)	☒	☒	☒	☒	
d. Retention of emergency repair records	☒	☒	☒	☒	
e. Were any emergency repairs of utilities or roads within the CAS boundaries made since the last inspection?					None
f. If so, what contacts were made, when, by whom?					
Date reported: _____					
Reported by: _____					
Person(s) to whom report was made: _____					
3. Does the Facility or Utility Plan contain procedures for routine maintenance of utilities and roadways within this CAS?	☒	☒	☒	☒	
4. Do the routine maintenance procedures address the following for any routine maintenance conducted on roads or utilities within the CAS?					
a. Health and Safety precautions	☒	☒	☒	☒	As agreed upon with the applicable facilities and utilities, routine maintenance repairs of utilities within the use restricted areas will not be started without prior approval from NDEP, in accordance with the use restriction established at this site.
b. Waste management	☒	☒	☒	☒	
c. Repair of containment features (covers)	☒	☒	☒	☒	
d. Retention of routine maintenance records	☒	☒	☒	☒	
e. Was any routine maintenance of utilities or roads within the CAS boundaries performed since the last inspection?					None
f. If so, what contacts were made, when, by whom?					
Date reported: _____					
Reported by: _____					
Person(s) to whom report was made: _____					

POST-CLOSURE INSPECTION CHECKLIST

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

E. SITE INSPECTION

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the any of the 3 gates?		✓	
b. Are the gate locks in place and functional?	✓		
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:	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. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	2		8, 9
If yes, has a photographic log been prepared?	✓		Log number: IMG-0990.JPG IMG-0991.JPG

E. FIELD CONCLUSIONS

1. Is there an imminent hazard to the integrity of the site? (Immediate report required)	YES	NO	EXPLANATION (required if shaded box is checked)
Date reported: _____ Person/Agency to whom report was made: _____		✓	
2. Are more frequent inspections required?		✓	
3. Are existing maintenance/repair actions satisfactory?	✓		
4. Is other maintenance/repair necessary?		✓	
5. Field conclusions/recommendations: <u>Site in Good Repair No deficiencies noted</u>			

POST-CLOSURE INSPECTION CHECKLIST

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

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/ G Richardson

Date: 10/27/08

Printed Name: Glenn Richardson

Title: Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <i>10/28/08 12:15 PM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>12/11/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
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: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Dudley Emer</i>	Title: <i>Sr. Scientist</i>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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:

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

D. SITE INSPECTION

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?	☐	☒	<i>Approx. 5 to 6 UR signs need maintenance. Noticed 2/3 signs down and 3 signs loose.</i>
c. Are all use restriction signs legible?	☒	☐	
d. How many signs need to be replaced?	<i>0</i>		

POST-CLOSURE INSPECTION CHECKLIST

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

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?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: <i>IMG_1022, IMG_1023</i>
E. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the site? (Immediate report required)		✓	
Date reported: _____			
Person/Agency to whom report was made: _____			
2. Are more frequent inspections required?		✓	
3. Are existing maintenance/repair actions satisfactory?	✓		
4. Is other maintenance/repair necessary?	✓		<i>Signs need to be rehung and tightened on the T-posts. (approx. 6)</i>
5. Field conclusions/recommendations: <i>The UR signs are not damaged and clearly legible. The T-posts are in tact, but could be readjusted to allow better stability for the UR signs. Noticed approx. 3 UR signs down that need to be rehung and approx. 3 UR signs loose that need to be tightened.</i>			
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: <i>/s/ G Richardson</i>		Date: <i>10/28/08</i>	
Printed Name: <i>Glenn Richardson</i>		Title: <i>Task Manager</i>	

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/25/08 3:56 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>1/23/08</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>Chris McGowin</u>	Title: <u>Field Technical Lead</u>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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. FACILITY & UTILITY PLANS REVIEW

The Post-Closure Plan requires the inspector to confirm that the latest copies of the relevant utility and facility plans include provisions for addressing environmental and safety issues associated with maintaining and repairing utilities and roads within this CAS. The following actively maintained utilities are within this CAS at the following active facilities: (1) The Area 23 Landfill has an access road that crosses this CAS. The road is maintained by landfill personnel. (2) The WSI training facility has a water main that services the fire hydrant for the firing range and roadways that cross the CAS.

Contact the appropriate utility owners, review the appropriate plans, and complete the checklist attached on Page 2.

D. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

POST-CLOSURE INSPECTION CHECKLIST

CAU005: LANDFILLS - CAS 23-15-03, DISPOSAL SITE

C. FACILITY & UTILITY PLANS REVIEW

Review the facility and utility plans for this CAS and verify that they include the requirements of the Use Restriction.

Place a check in the appropriate Facility or Utility Plan box for any YES answers.

	FACILITIES				UTILITIES		EXPLANATION Required for: - unshaded boxes that are not checked - shaded boxes that are checked
	A23 LANDFILL	WSI	TRAINING	WATER	FIRE DEPT.	HYDRANT	
Does the Facility or Utility Plan contain procedures for emergency repairs of utilities and roadways within this CAS?	☒	☒	☒	☒	☒	☒	
Do the emergency procedures address the following for any emergency repairs conducted on roads or utilities within the CAS?							
a. Health and Safety precautions	☒	☒	☒	☒	☒	☒	As agreed upon with the applicable facilities and utilities, emergency repairs of utilities or roads within the use restricted areas will not be started without prior approval from NDEP, in accordance with the use restriction established at this site.
b. Waste management	☒	☒	☒	☒	☒	☒	
c. Repair of containment features (covers)	☒	☒	☒	☒	☒	☒	
d. Retention of emergency repair records	☒	☒	☒	☒	☒	☒	
e. Were any emergency repairs of utilities or roads within the CAS boundaries made since the last inspection?							None

f. If so, what contacts were made, when, by whom?

Date reported: _____

Reported by: _____

Person(s) to whom report was made: _____

Does the Facility or Utility Plan contain procedures for routine maintenance of utilities and roadways within this CAS?	☒	☒	☒	☒	☒	☒	
Do the routine maintenance procedures address the following for any routine maintenance conducted on roads or utilities within the CAS?							
a. Health and Safety precautions	☒	☒	☒	☒	☒	☒	As agreed upon with the applicable facilities and utilities, routine maintenance repairs of utilities or roads within the use restricted areas will not be started without prior approval from NDEP, in accordance with the use restriction established at this site.
b. Waste management	☒	☒	☒	☒	☒	☒	
c. Repair of containment features (covers)	☒	☒	☒	☒	☒	☒	
d. Retention of routine maintenance records	☒	☒	☒	☒	☒	☒	
e. Was any routine maintenance of utilities or roads within the CAS boundaries performed since the last inspection?							None

f. If so, what contacts were made, when, by whom?

Date reported: _____

Reported by: _____

Person(s) to whom report was made: _____

POST-CLOSURE INSPECTION CHECKLIST

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

E. SITE INSPECTION

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?		✓	
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		
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?		✓	
5. Photograph Documentation (optional):	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?	✓		Log number: <i>IMG_0161</i>

POST-CLOSURE INSPECTION CHECKLIST

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

E. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the site? (Immediate report required)		✓	
Date reported: _____			
Person/Agency to whom report was made: _____			
2. Are more frequent inspections required?		✓	
3. Are existing maintenance/repair actions satisfactory?	✓		
4. Is other maintenance/repair necessary?		✓	
5. Field conclusions/recommendations: <i>The site is in good condition. The UR signs are intact, visible, and well-maintained. There is no evidence of erosion or settling on the landfill cover. There are no issues or concerns at this site.</i>			
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: <i>/s/ G Richardson</i>		Date: <i>11/25/08</i>	
Printed Name: <i>Glenn Richardson</i>		Title: <i>Task Manager</i>	

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CAU 113: AREA 25 R-MAD FACILITY

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POST-CLOSURE INSPECTION CHECKLIST**CAU 113: AREA 25 R-MAD FACILITY - CAS 25-41-01, R-MAD FACILITY**

Inspection Date and Time: <i>12/17/08 12:02 PM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>N/A - 1st ^{PCM} Inspection</i>	Reason for Last Post-Closure Inspection: <i>N/A</i>
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: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Dudley Emer</i>	Title: <i>Sr. Scientist</i>

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 113 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?	☒	☐	<i>The most recent annual SEM report was reviewed.</i>
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	
5. Was the annual D&D Engineering evaluation completed?	☒	☐	
On what date?	<i>7/10/08</i>		
6. Were both semi-annual D&D radiological surveys completed?	☒	☐	
On what dates?	First: <i>7/16/08</i>	Second: <i>12/24/08</i>	

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 RMAD facility*
- Other miscellaneous support equipment

POST-CLOSURE INSPECTION CHECKLIST**CAU 113: AREA 25 R-MAD FACILITY - CAS 25-41-01, R-MAD FACILITY****D. SITE INSPECTION**

- *The site inspection is a walking inspection to check the perimeter fence and the use restriction signs. Other inspection activities are covered in accordance with the Surveillance and Maintenance Plan under the Decontamination and Decommissioning Program (copies are in the project file).* 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 gate?		✓	
b. Is the gate lock in place and functional?	✓		
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 use restriction signs need to be replaced?	0		
h. Has demolition of the R-MAD building been completed?		✓	If "yes", the Task Manager must complete the "Follow-up Actions" (not part of checklist)

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?	40+		
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 113: AREA 25 R-MAD FACILITY - CAS 25-41-01, R-MAD FACILITY****E. FIELD CONCLUSIONS (continued)**

4. Field conclusions/recommendations: Overall site conditions are good. There are no issues as this facility transitioned from under the SEM to Post Closure monitoring. The appropriate signage/postings are in place and well-maintained.

F. CERTIFICATION

I have conducted an inspection of CAS 25-41-01, R-MAD 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/ G RichardsonDate: 12/17/08Printed Name: Glenn RichardsonTitle: Task Manager**Required Attachments:**

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\ Photos\ CAU 113\ 2008\ 07-02)

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/ R PoderisDate: 1-22-09Printed Name: Thomas A. Thiele (or designee) Reed Poderis

Distribution: Original – Task Manager

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CAU 115: AREA 25 TEST CELL A FACILITY

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

Inspection Date and Time: <i>12/17/08 11:02 AM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>N/A - 1st PCM Inspection</i>	Reason for Last Post-Closure Inspection: <i>N/A</i>
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: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Dudley Emer</i>	Title: <i>Sr. Scientist</i>

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?	☒	☐	<i>S+M Plan was reviewed. Engineering</i>
3. Were anomalies or trends detected on previous inspections?	☐	☒	
4. Were maintenance or repairs performed since last inspection?	☐	☒	
5. Was the annual D&D radiological survey completed?	☒	☐	
On what date?	<i>12/23/08</i>		

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.

POST-CLOSURE INSPECTION CHECKLIST

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

D. SITE INSPECTION

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there damage to the gate?	☒	☐	
b. Is the gate lock in place and functional?	☐	☒	
c. Is there damage to the fence?	☒	☐	
d. Have any posts been damaged or their anchoring weakened?	☒	☐	
e. Are any of the five (5) use restriction signs damaged or missing?	☒	☐	3 signs were down and 1 sign was missing.
f. Are all use restriction signs legible?	☒	☐	
g. How many signs need to be replaced?		1	
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?		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?	☒	☐	The configuration of the radiological posted areas needs to be modified.
3. Are maintenance/repair actions necessary?	☒	☐	If "yes", describe below

4. Field conclusions/recommendations: The external chain-link fencing is well maintained and very secure. Noticed 3 UR signs down around the concrete pad and 1 UR sign was missing. All URMA signs/postings were in good condition, but the configuration of the radiological posted areas will be modified to improve awareness or radiological site conditions.

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/ G Richardson

Date: 12/17/08

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\ 2008\ 12-17-08 CAS 25-41-04)

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/ R Poderis

Date: 1-22-09

Printed Name: Thomas A. Thiele (or designee)

Reed Poderis

Distribution: Original – Task Manager

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CAU 118: AREA 27 SUPER KUKLA FACILITY

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POST-CLOSURE INSPECTION CHECKLIST

CAU 118: AREA 27 SUPER KUKLA FACILITY

CAS 27-41-01, SUPER KUKLA REACTOR BUILDING/HIGH BAY AND MECHANICAL BUILDING

Inspection Date and Time: 10/09/08	Reason for Inspection: FIRST SEMI-ANNUAL INSPECTION
Date of Last Post-Closure Inspection: N/A	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: ALLISON URBON	Title: TECH LEAD
Assistant Inspector: BRIAN KONRAD	Title: FIELD OPS PROJECT SUPPORT MANAGER

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. The site inspection is a walking inspection of the perimeter of the site, including the perimeter, to be able to inspect the entire surface and all features specifically described in this checklist.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected semi-annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?		✓	THIS WAS THE FIRST ONE
3. Were anomalies or trends detected on previous inspections?		N/A	
4. Were maintenance or repairs performed since last inspection?		✓	NOT SINCE SITE CLOSURE

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

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 nine (9) use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many signs need to be replaced?		0	

POST-CLOSURE INSPECTION CHECKLIST

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

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☒	☒	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	
If yes, how many photos were taken?	6		
If yes, has a photographic log been prepared?	☐	☒	Log number:

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. Is other maintenance/repair necessary?	☒	☒	

4. Field conclusions/recommendations: FENCE AND SIGNS IN GOOD CONDITION. NO
EVIDENCE OF HUMAN INTRUSION ON THE SITE.

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/ A Urbon	Date: 10/9/08
Printed Name: ALLISON URBON	Title: TECH LEAD

POST-CLOSURE INSPECTION CHECKLIST**CAU 118: AREA 27 SUPER KUKLA FACILITY
CAS 27-41-01, SUPER KUKLA REACTOR BUILDING/HIGH BAY AND MECHANICAL BUILDING**Inspection Date and Time: 12/11/08 3:24 PMReason for Inspection: Semi-AnnualDate of Last Post-Closure Inspection: 10/09/08Reason for Last Post-Closure Inspection: Semi-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: Mike FloydTitle: Field Technical Lead**A. GENERAL INSTRUCTIONS**

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. The site inspection is a walking inspection of the perimeter of the site, including the perimeter, to be able to inspect the entire surface and all features specifically described in this checklist.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected semi-annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

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 nine (9) use restriction signs damaged or missing?	☐	☒	
d. Are all use restriction signs legible?	☒	☐	
e. How many signs need to be replaced?	<u>0</u>		

POST-CLOSURE INSPECTION CHECKLIST

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

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☒	☐	
3. Photograph Documentation (optional):	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?	☒	☐	Log number: #1, #2, #3 - Kodak 2730
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. Is other maintenance/repair necessary?	☒	☐	
4. Field conclusions/recommendations: <i>Site conditions are excellent. The UR signage and fencing are intact and well-maintained.</i>			
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/ G Richardson		Date: 12/11/08	
Printed Name: Glenn Richardson		Title: Task Manager	

CAU 127: AREAS 25 AND 26 STORAGE TANKS

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

Inspection Date and Time: 12/8/08 2:52 pm	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: N/A 1 st inspection	Reason for Last Post-Closure Inspection: N/A 1 st inspection
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Dudley Emer	Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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 1 st inspection
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. Previous letter report, inspection checklists, repair records, and as-built plans
- c. Other miscellaneous support equipment

D. SITE INSPECTION

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?	☐	☒	
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?	☐	☒	

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

3. Photograph Documentation (optional):	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?	☒	☐	Log number: 100-0848

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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <u>Site is in Good Condition</u>			
<u>No issues noted</u>			

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/ G Richardson	Date: 12/8/08
Printed Name: Glenn Richardson	Title: 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: 12/09/08 2:57pm

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: N/A 1st inspection

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 Frier

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

YES	NO	EXPLANATION (required if shaded box is checked)
☒	☐	
☐	☐	N/A 1st inspec.
☐	☐	N/A
☐	☐	N/A

1. Has the Post-Closure Plan been reviewed?

☒☐

2. Have the previous inspection reports been reviewed?

☐☐

N/A 1st inspec.

3. Were anomalies or trends detected on previous inspections?

☐☐

N/A

4. Were maintenance or repairs performed since last inspection?

☐☐

N/A

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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?

☐☒

c. Are all use restriction signs legible?

☒☐

d. How many use restriction signs need to be replaced?

☐☐

0

e. Are any of the four URMA signs damaged or missing?

☐☒

f. Are all URMA signs legible?

☒☐

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)
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?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: IMG-100-855 IMG-100-856
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?			N/A
3. Is other maintenance/repair necessary?		✓	
4. Field conclusions/recommendations: <u>Site is in excellent condition</u> <u>No issues noted</u>			
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/ G Richardson		Date: 12/09/08	
Printed Name: Glenn Richardson		Title: Task Manager	

CAU 137: WASTE DISPOSAL SITES

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POST-CLOSURE INSPECTION CHECKLIST**CAU 137: WASTE DISPOSAL SITES - CAS 01-08-01, WASTE DISPOSAL SITE**

Inspection Date and Time: 11/13/08 14:21 pm	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 1/16/2008	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 MGR
Assistant Inspector: Dudley Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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 10 use restriction signs damaged or missing?	☐	☒	
d. Are all use restriction signs legible?	☒	☐	
e. How many signs need to be replaced?	0		

POST-CLOSURE INSPECTION CHECKLIST

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

2. Photograph Documentation (optional):	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?	☒	☐	Log number: IMG_0824 - 0825.JPG

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. Is other maintenance/repair necessary?	☐	☒	

4. Field conclusions/recommendations: Site - Good condition

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/ G Richardson

Date: 11/13/08

Printed Name: Glean Richardson

Title: Task Manager

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/4/08 11:24 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/16/2008

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

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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 6 use restriction signs damaged or missing?	☐	☒	
d. Are all use restriction signs legible?	☒	☐	
e. How many signs need to be replaced?	0		

POST-CLOSURE INSPECTION CHECKLIST

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

2. Photograph Documentation (optional):	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?	☒	☐	Log number: <u>IMG_0814 IMG_0815.JPG</u>
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <u>Site is in excellent condition</u>			
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: <u>/s/ G Richardson</u>		Date: <u>11/4/08</u>	
Printed Name: <u>Glenn Richardson</u>		Title: <u>Task Manager</u>	

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: 10/27/08 2:01pm

Reason for Inspection: Approval

Date of Last Post-Closure Inspection: 1/16/2008

Reason for Last Post-Closure Inspection: Approval

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

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

Chief Inspector: Glen Richardson

Title: Task Mgr

Assistant Inspector: Dudley Eber

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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 8 use restriction signs damaged or missing?

☐☒

d. Are all use restriction signs legible?

☒☐

e. How many signs need to be replaced?

☐

POST-CLOSURE INSPECTION CHECKLIST

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

2. Photograph Documentation (optional):	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?	☒	☐	Log number: <i>Img-1003.JPG</i> <i>Img-1004.JPG</i>
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <i>Site is in good condition</i>			
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/ G Richardson	Date: <i>10/27/08</i>		
Printed Name: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>		

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

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POST-CLOSURE INSPECTION CHECKLIST**CAU 140: WASTE DUMPS, BURN PITS, AND STORAGE AREA
CAS 05-23-01, GRAVEL GERTIE**Inspection Date and Time: 11/13/08 9:15amReason for Inspection: AnnualDate of Last Post-Closure Inspection: 12/17/2007Reason 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: Glepp RichardsonTitle: Task MGRAssistant Inspector: Dudley EmerTitle: Sr Scientist**A. GENERAL INSTRUCTIONS**

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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

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, obtain a copy of maintenance records and attach to checklist.

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

1. Site markers:

YES	NO	EXPLANATION (required if shaded box is checked)
☐	☒	
☐	☒	Rehang 1 Sign
☒	☐	
☐	☐	0
☐	☒	

a. Is there damage to the fence?

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

c. Are all use restriction signs legible?

d. How many use restriction signs need to be replaced?

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

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)
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?	☒	☐	
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?	2		
If yes, has a photographic log been prepared?	☒	☐	Log number: IMG-0805-0806.JPG
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. Is other maintenance/repair necessary?	☒	☐	Rehang Sign
4. Field conclusions/recommendations: Rehang Sign Site is in good condition			
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/ G Richardson		Date: 12/13/08	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

- ☐ Maintenance records
☐ Photos
☐ Field Notes

POST-CLOSURE INSPECTION CHECKLIST**CAU 140: WASTE DUMPS, BURN PITS, AND STORAGE AREA
CAS 23-17-01, HAZARDOUS WASTE STORAGE AREA**Inspection Date and Time: **11/25/08 3:22 PM**Reason for Inspection: **Annual**Date of Last Post-Closure Inspection: **1/23/08**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: **Chris McGowin**Title: **Field Technical Lead****A. GENERAL INSTRUCTIONS**

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

YES	NO	EXPLANATION (required if shaded box is checked)
☒	☐	
☒	☐	
☐	☒	
☒	☐	Sign maintenance was performed and completed on 8/14/08.
☒	☐	NA

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, obtain a copy of maintenance records and attach to checklist.

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

1. Site markers (TPH Area):

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

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?

POST-CLOSURE INSPECTION CHECKLIST

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

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?		✓	
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?	2		
If yes, has a photographic log been prepared?	✓		Log number: IMG_0159, IMG_0160
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. Is other maintenance/repair necessary?		✓	
4. Field conclusions/recommendations: <u>The UR signs at the TPH area and the landfill area are in great condition. There is no evidence of unauthorized intrusion at the site(s). There are no corrective actions necessary.</u>			
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/ G Richardson		Date: 11/25/08	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

- ☒ Maintenance records
☐ Photos
☐ Field notes

CAU 143: AREA 25 CONTAMINATED WASTE DUMPS

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

Inspection Date and Time: 12/17/08 9:47AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/13/2007

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

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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, obtain a copy of maintenance records and attach to checklist.

NA

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

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 17 "Caution-Underground Radioactive Material" signs damaged or missing?

✓

d. Are all signs legible?

✓

e. How many signs need to be replaced?

0

1 Sign Down
1 Loose

POST-CLOSURE INSPECTION CHECKLIST

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

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: IMG 0875-0877.JPG
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. Is other maintenance/repair necessary?	✓		Rehang 1 Sign Secure 1 Sign
4. Field conclusions/recommendations:			Site is Good condition Need to Rehang 1 Sign & Secure 1 Sign
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/ G Richardson	Date: 12/17/08		
Printed Name: Glenn Richardson	Title: Task Manager		

☐ Attachment: Maintenance records (check if attached)

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/17/08	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/13/07	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task Manager
Assistant Inspector: Dudley Emer	Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
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3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?	☒	☐	6 underground Radioactive Mat. Signs loose or Missing - Repaired 2/2008
a. If yes, obtain a copy of maintenance records and attach to checklist.	☒	☐	NA

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

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 9 use restriction signs damaged or missing?	☒	☐	1 Missing Signet Waste trenches loose low EAST SIDE BERM
d. Are all use restriction signs legible?	☒	☐	
e. How many use restriction signs need to be replaced?	☐	☒	1

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)
f. Are any of the 19 "Caution- Radioactive Material" (RMA) signs damaged or missing?	☒	☐	
g. Are all RMA signs legible?	☐	☒	
h. How many RMA signs need to be replaced?	0		
i. Are any of the 41 "Caution-Underground Radioactive Material" (URMA) signs damaged or missing?	☒	☐	1 loose Sign
j. Are all URMA signs legible?	☐	☒	
k. 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?	☒	☐	
3. Photograph Documentation (optional):	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?	☒	☐	Log number: IMG 886 - IMG 888
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. Is other maintenance/repair necessary?	☐	☒	Rehang 1 Sign, Replace 1 Sign
4. Field conclusions/recommendations: <u>Noticed 1 missing UR sign at the west trenches and 1 loose UR sign on the east side of the berm. Site conditions look good with no evidence of human intrusion. Chain link fence was locked and secured. Also, noticed 1 URMA sign loose. Corrective actions are necessary.</u>			
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/ G Richardson		Date: 12/17/08	
Printed Name: Glenn Richardson		Title: Task Manager	

☐ Attachment: Maintenance records (check if attached)

CAU 145: WELLS AND STORAGE HOLES

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/4/08 11:47 AM	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: N/A 1st inspc	Reason for Last Post-Closure Inspection: —
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: TIAS E MGR
Assistant Inspector: Dudley Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?			1st inspection N/A
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. Previous letter report, inspection checklists, repair records, and as-built plans
- c. Other miscellaneous support equipment

D. SITE INSPECTION

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 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?		✓	

POST-CLOSURE INSPECTION CHECKLIST

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

3. Photograph Documentation (optional):	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?	✓		Log number: IMG-0780.JPG
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. Is other maintenance/repair necessary?		✓	
4. Field conclusions/recommendations: Site is in excellent condition			
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/ G Richardson	Date: 11/04/08		
Printed Name: Glenn Richardson	Title: Task Manager		

CAU 151: SEPTIC SYSTEMS AND DISCHARGE AREA

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 10/27/09 10:00 am	Reason for Inspection: Annual Insp.
Date of Last Post-Closure Inspection: N/A	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 MGR
Assistant Inspector: Dwayne Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?			1st inspection - N/A
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. Previous letter report, inspection checklists, repair records, and as-built plans
- c. Other miscellaneous support equipment

D. SITE INSPECTION

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

POST-CLOSURE INSPECTION CHECKLIST

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

3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	<i>not Required</i>
If yes, how many photos were taken?	<i>2</i>	<i>3, 4</i>	
If yes, has a photographic log been prepared?	☒	☐	Log number: <i>img-0986-0987.JPG</i>
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <i>Site is in good Repair</i>			
<i>No deficiencies noted.</i>			
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: <i>/s/ G Richardson</i>	Date: <i>10/27/08</i>		
Printed Name: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>		

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

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <i>12/03/08 11:34 AM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>12/13/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
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: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Dudley Emer</i>	Title: <i>Sr. Scientist</i>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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, obtain a copy of maintenance records and attach to checklist.		☒	NA

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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

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

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: <i>IMG_0842, IMG_0843</i>
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>1 UR sign was down that needs to be rehung</i>
3. Is other maintenance/repair necessary?		✓	
4. Field conclusions/recommendations: <i>The UR signage is legible and in good condition, but one (1) UR sign was down and needs to be rehung.</i>			
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: <i>/s/ G Richardson</i>		Date: <i>12/03/08</i>	
Printed Name: <i>Glenn Richardson</i>		Title: <i>Task Manager</i>	

☐ Attachment: Maintenance records (check if attached)

**CAU 168: AREA 25 AND 26 CONTAMINATED
MATERIALS AND WASTE DUMPS**

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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>12/8/08 2:27pm</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/13/2007</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>Sr. Scientist</u>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
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?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: 100-844 to 100-847
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. Is other maintenance/repair necessary?		✓	
4. Field conclusions/recommendations: Site is in excellent condition			
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/ G Richardson		Date: 12/8/08	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Maintenance records

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: 12/17/08 10:17 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/13/2007

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glen Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?	✓		5 Signs were down & 12 broken 1 Sign tightened
a. If yes, obtain a copy of maintenance records and attach to checklist.	✓		NA

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

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 6 use restriction signs damaged or missing?		✓	
d. Are all use restriction signs legible?	✓		
e. How many signs need to be replaced?	0		

POST-CLOSURE INSPECTION CHECKLIST

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

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: IMG 878, 879, JPG
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. Is other maintenance/repair necessary?		✓	
4. Field conclusions/recommendations: <u>Site is in good condition</u>			
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/ G Richardson		Date: 12/17/08	
Printed Name: <u>Gleann Richardson</u>		Title: <u>Task Manager</u>	

Attachments (check if attached):

☒ Maintenance records

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>12/3/08 10:30AM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/17/2007</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>Gleno Richardson</u>	Title: <u>Task MGR</u>
Assistant Inspector: <u>Dudley Emer</u>	Title: <u>Sr Scientist</u>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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, obtain a copy of maintenance records and attach to checklist.			NA

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers:			
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		

POST-CLOSURE INSPECTION CHECKLIST

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

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: <i>img 100-0840</i> <i>img 100-0841</i>
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. Is other maintenance/repair necessary?		—	
4. Field conclusions/recommendations: <i>Site is in Good condition. Signs</i> <i>legible & intact. No maintenance</i> <i>Required</i>			
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.			
Chief Inspector's Signature: <i>/s/ G Richardson</i>		Date: <i>12/3/08</i>	
Printed Name: <i>Glenn Richardson</i>		Title: <i>Task Manager</i>	

Attachments (check if attached):

☐ Maintenance records

CAU 204: STORAGE BUNKERS

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/13/08 1:59pm	Reason for Inspection: Approval
Date of Last Post-Closure Inspection: 1/16/2008	Reason for Last Post-Closure Inspection: Approval
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task MGR
Assistant Inspector: Dudley Emer	Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

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

3. Photograph Documentation (optional):	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?	☒	☐	Log number: IMG_0822 - 0823.JPG

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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <u>Site is in good condition</u>			

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/ G Richardson

Date: 11/13/08

Printed Name: Glenn Richardson

Title: Task Manager

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

Inspection Date and Time: <u>11/13/08 1:12 pm</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>1/16/08</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 W. Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Dudley Emer</u>	Title: <u>Sr Scientist</u>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

1. Site markers:

YES	NO	EXPLANATION (required if shaded box is checked)
☒	☐	<u>T Post Removed & not Restored</u>
☒	☐	<u>Sign at T Post were Removed not Restored</u>
☒	☐	
☐	☒	

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?

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

3. Photograph Documentation (optional):	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?	✓		Log number: IMG_0818 - 0820.JPG
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. Is other maintenance/repair necessary?	✓		Reinstall T Posts & Sign
4. Field conclusions/recommendations: Site is Good Condition T Posts & Sign at entrance to Bunker was removed to support stoller PR project but has not been stored. Need T Posts & Sign restored.			
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/ G Richardson	Date: 11/13/08		
Printed Name: Glenn Richardson	Title: Task Manager		

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

Inspection Date and Time: 11/4/08 14:22

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/16/08

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 MGR

Assistant Inspector: Dudley Eme

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

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?

☐☐

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

3. Photograph Documentation (optional):	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?	☒	☐	Log number: <i>IMG-0796.JPG</i> <i>IMG-0797.JPG</i>
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. Is other maintenance/repair necessary?	☐	☐	
4. Field conclusions/recommendations: <i>Site is Good Condition</i>			
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: <i>/s/ G Richardson</i>		Date: <i>11/04/08</i>	
Printed Name: <i>Glenn Richardson</i>		Title: <i>Task Manager</i>	

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

Inspection Date and Time: 11/13/08 9:38am	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/17/07	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task MGR
Assistant Inspector: Dudley Emet	Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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 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?	☐	☒	

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)
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?	☐	☒	
3. Photograph Documentation (optional):	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?	☒	☐	Log number: <u>IMG_0807 - 0808.JPG</u>
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <u>Site is in excellent condition</u>			
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/ G Richardson		Date: <u>11/13/08</u>	
Printed Name: <u>Glenn Richardson</u>		Title: <u>Task Manager</u>	

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/25/08 10:26 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/17/07

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Chris McGowin

Title: Field Technical Lead

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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 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?	☐	☒	

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)
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?	☐	☒	
3. Photograph Documentation (optional):	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?	☒	☐	Log number: <i>IMG_0144 - IMG_0147</i>
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <i>The UR signs, RMA signage, and wire rope fencing are in excellent condition. There are no issues or follow-up actions at this site.</i>			
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: <i>/s/ G Richardson</i>		Date: <i>11/25/08</i>	
Printed Name: <i>Glenn Richardson</i>		Title: <i>Task Manager</i>	

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

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/17/08 11:22 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/17/07

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dealey Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

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?	☐	☒	
c. Are all "Underground Radioactive Material" 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?	☐	☒	

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

3. Photograph Documentation (optional):	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?	☒	☐	Log number: <i>IMG 884, IMG 885.JPG</i>

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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <i>Site is in good condition</i>			

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: <i>/s/ G Richardson</i>	Date: <i>12/17/08</i>
Printed Name: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>

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

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/17/08 10:45 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/13/07

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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

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, obtain a copy of maintenance records and attach to checklist.

☐**C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:

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

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 use restriction signs damaged or missing?

☒☐

2 Signs down only 3 sign posts

d. Are all use restriction signs legible?

☒☐

e. How many signs need to be replaced?

1

☐

need 17 posts 1 sign

POST-CLOSURE INSPECTION CHECKLIST

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

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☒	☐	
3. Photograph Documentation (optional):	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?	☒	☐	Log number: IMG_0880 - 0881.jpg
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. Is other maintenance/repair necessary?	☒	☐	Rehang 2 Signs, Replace 1 w/TPoS
4. Field conclusions/recommendations: Site in good condition need to Rehang 2 Signs no evidence of 4th Sign & t-posts - need to be re-installed			
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/ G Richardson		Date: 12/17/08	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Maintenance records

CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/8/08 3:12 pm

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/13/07

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dorey Emer

Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

YES	NO	EXPLANATION (required if shaded box is checked)
☒	☐	
☒	☐	
☐	☒	
☒	☐	1 sign was down - repaired 1/07

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 sign was down - repaired 1/07

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

1. Site markers:

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

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

☐

b. Is either of the 2 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?

☐

POST-CLOSURE INSPECTION CHECKLIST**CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP
CAS 25-02-06, UNDERGROUND STORAGE TANK**

3. Photograph Documentation (optional):	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?	☒	☐	Log number: 100-0849
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <u>Site in Good Condition</u>			
<u>No issues noted.</u>			
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/ G Richardson		Date: 12/8/08	
Printed Name: Glenn Richardson		Title: Task Manager	

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

Inspection Date and Time: 12/10/08 11:12 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/13/07

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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

1. Has the Post-Closure Plan been reviewed?

2. Have the previous inspection reports been reviewed?

3. Were anomalies or trends detected on previous inspections?

4. Was maintenance or repair of the landfill unit performed since the last inspection?

a. If yes, has site repair resulted in a change from as-built conditions?

b. If yes (to 4a), are revised as-built plans available that reflect repair changes?

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

1. Site markers:

YES	NO	EXPLANATION (required if shaded box is checked)
☐	☒	
☐	☒	
☒	☐	1 Sign down at Gate
☒	☐	

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?

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

1. Site markers (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
e. How many signs need to be replaced?		0	Rehang 1
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?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: 100-872, 873
E. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the site? (Immediate report required)		✓	
Date reported: _____			
Person/Agency to whom report was made:			
2. Are more frequent inspections required?		✓	
3. Are existing maintenance/repair actions satisfactory?	✓		
4. Is other maintenance/repair necessary?	✓		Rehang 1 Sign
5. Field conclusions/recommendations: Site is excellent condition 1 Sign at Gate needs to be Re hang			
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/ G Richardson	Date: 12/10/08		
Printed Name: Glenn Richardson	Title: Task Manager		

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

Inspection Date and Time: <i>12/09/08 3:08 pm</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>12/18/2007</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
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: <i>Glenn Richardson</i>	Title: <i>Task Mgr.</i>
Assistant Inspector: <i>Dudley Emer</i>	Title: <i>Sr. Scientist</i>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?	☒	☐	<i>1 Sign Missing & Replaced in March 2008</i>
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. Previous letter report, inspection checklists, repair records, and as-built plans
- c. Other miscellaneous support equipment

D. SITE INSPECTION

	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?	☒	☐	<i>1 Sign down</i>
d. Are all use restriction signs legible?	☒	☐	

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

1. Site markers:	YES	NO	EXPLANATION (required if shaded box is checked)
e. How many signs need to be replaced?		0	Rehang 1
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?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: 116-0857 116-0858
E. FIELD CONCLUSIONS	YES	NO	EXPLANATION (required if shaded box is checked)
1. Is there an imminent hazard to the integrity of the site? (Immediate report required)		✓	
Date reported: _____			
Person/Agency to whom report was made: _____			
2. Are more frequent inspections required?		✓	
3. Are existing maintenance/repair actions satisfactory?	✓		
4. Is other maintenance/repair necessary?	✓		Rehang 1 Sign
5. Field conclusions/recommendations: 1 Sign down Site in excellent condition			
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/ G Richardson		Date: 12/9/08	
Printed Name: Glenn Richardson		Title: Task Manager	

CAU 309: AREA 12 MUCKPILES

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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: 10/27/08 2:39 PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 11/13/08 10:40 AM
2/12/08

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

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

1. Site markers (CAS 12-06-09): - 11/13/08

YES	NO	EXPLANATION (required if shaded box is checked)
☐	☒	
☐	☒	
☒	☐	
<u>0</u>		

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. How many signs need to be replaced?

0

2. Site markers (CAS 12-08-02): - 11/13/08

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

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

☒

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**

2. Site markers (CAS 12-08-02) (continued):	YES	NO	EXPLANATION (required if shaded box is checked)
b. Are either of the two (2) use restriction signs damaged or missing?	☒	☐	
c. Are both use restriction signs legible?	☐	☒	
d. How many signs need to be replaced?	0		
3. Site markers (CAS 12-28-01): - 10/27/08	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☒	☐	One T-post needs to be reinstalled firmly in the ground.
b. Are any of the four (4) use restriction signs damaged or missing?	☐	☒	
c. Are all use restriction signs legible?	☒	☐	
d. How many signs need to be replaced?	0		
4. Photograph Documentation (optional):	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?	☒	☐	Log number: IMG_0809, IMG_1009 IMG_0810-IMG_1005-IMG_1007 IMG_0811-IMG_0811
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: All UR signs are intact and well-maintained. Noticed the wire rope was loose at CAS 12-28-01 because a T-post that needs to be re-installed firmly into the ground.			
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/ G Richardson		Date: 11/13/08	
Printed Name: Glenn Richardson		Title: Task Manager	

**CAU 322: AREAS 1 & 3 RELEASE SITES
AND INJECTION WELLS**

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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>11/4/08 12:31 pm</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/10/2007</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 MGR</u>
Assistant Inspector: <u>Dwight Emer</u>	Title: <u>So Scientist</u>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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, obtain a copy of maintenance records and attach to checklist.		NA	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers:			
a. Is there damage to the fence?	✓		<u>Fencing removed during demolition</u>
b. Have any posts been damaged or their anchoring weakened?	✓		<u>need to Reinstall fencing</u>
c. Are any of the use restriction signs damaged or missing?	✓		<u>9 Sign up, 1 sign down needs Repair</u>
d. Are all use restriction signs legible?	✓		
e. How many signs need to be replaced?	1		

POST-CLOSURE INSPECTION CHECKLIST

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

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Photograph Documentation (optional):	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?	✓		Log number: IMG-0784.JPG IMG-0785.JPG
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. Is other maintenance/repair necessary?	✓		Repair down sign Replace fencing & Post
4. Field conclusions/recommendations: <u>1 Sign down Requires Repair</u> <u>fencing & T Posts need to be installed</u>			
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/ G Richardson		Date: 11/04/08	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Maintenance records

**CAU 339: AREA 12 FLEET OPERATIONS
STEAM CLEANING EFFLUENT**

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POST-CLOSURE INSPECTION CHECKLIST

CAU 339: AREA 12 FLEET OPERATIONS STEAM CLEANING EFFLUENT
CAS 12-19-01, A12 FLEET OPS STEAM CLEANING EFFLU.

Inspection Date and Time: 10/27/08 09:30	Reason for Inspection: Annual Insp
Date of Last Post-Closure Inspection: 12/10/07	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task mgr
Assistant Inspector: Doolan Ewer	Title: Tool lead Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

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 use restriction signs damaged or missing?	☐	☒	
d. Are all use restriction signs legible?	☒	☐	
e. How many signs need to be replaced?	☐	☐	2

POST-CLOSURE INSPECTION CHECKLIST

CAU 339: AREA 12 FLEET OPERATIONS STEAM CLEANING EFFLUENT
CAS 12-19-01, A12 FLEET OPS STEAM CLEANING EFFLU.

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☒	☐	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☒	☐	2 photos optional
If yes, how many photos were taken?	2		
If yes, has a photographic log been prepared?	☒	☐	Log number: IMG-0984-0985.JPG
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. Is other maintenance/repair necessary?	☒	☐	
4. Field conclusions/recommendations: unit is in good repair with no deficiencies noted.			
F. CERTIFICATION			
I have conducted an inspection of CAS 12-19-01, A12 Fleet Ops Steam Cleaning Efflu., 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/ G Richardson	Date: 10/27/08		
Printed Name: Glenn Richardson	Title: Task Manager		

CAU 357: MUD PITS AND WASTE DUMP

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POST-CLOSURE INSPECTION CHECKLIST

CAU 357: MUD PITS AND WASTE DUMPS - CAS 04-26-03, LEAD BRICKS

Inspection Date and Time: 11/13/08 14:45	Reason for Inspection: Appeal
Date of Last Post-Closure Inspection: 2/6/08	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 MGR
Assistant Inspector: Dudley Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

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. 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 357: MUD PITS AND WASTE DUMPS - CAS 04-26-03, LEAD BRICKS**

3. Photograph Documentation (optional):	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?	✓		Log number: 11G-082-0827.JYG
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. Is other maintenance/repair necessary?		✓	
4. Field conclusions/recommendations: Site is in good condition			
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/ G Richardson	Date: 11/13/08		
Printed Name: Glenn Richardson	Title: 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: 11/4/08 10:35AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/16/2008

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 MGR

Assistant Inspector:

Dwight Eno

Title:

Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

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. 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 357: MUD PITS AND WASTE DUMPS - CAS 10-09-06, MUD PIT; STAINS; MATERIAL**

3. Photograph Documentation (optional):	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?	☒	☐	Log number: <i>IMG-0777</i> <i>IMG-0779</i>
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <i>Site is in excellent condition</i> <i>fencing & signs in place &</i> <i>legible.</i>			
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: <i>/s/ G Richardson</i>		Date: <i>11/4/08</i>	
Printed Name: <i>Glenn Richardson</i>		Title: <i>Task Manager</i>	

POST-CLOSURE INSPECTION CHECKLIST**CAU 357: MUD PITS AND WASTE DUMPS - CAS 25-15-01, WASTE DUMP**

Inspection Date and Time: 12/08/08 4:28 pm	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 12/13/07	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richard	Title: Task Manager
Assistant Inspector: Dudley Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

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?	☒	☐	
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?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST**CAU 357: MUD PITS AND WASTE DUMPS - CAS 25-15-01, WASTE DUMP**

3. Photograph Documentation (optional):	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?	☒	☐	Log number: <u>100-854, 100-0853</u>

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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <u>Site is in good condition</u>			

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: <u>/s/ G Richardson</u>	Date: <u>12/8/08</u>
Printed Name: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>

CAU 383: AREA 12 E-TUNNEL SITES

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POST-CLOSURE INSPECTION CHECKLIST

CAU 383: AREA 12 E-TUNNEL SITES - CAS 12-06-06, MUCKPILE
- CAS 12-25-02, OIL SPILL
- CAS 12-28-02, RADIOACTIVE MATERIAL

Inspection Date and Time: 10/27/08 11:25am

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 2/12/08

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 MGR

Assistant Inspector: Dooly Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

1. Site markers:

YES

NO

EXPLANATION (required if shaded box is checked)

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

☒☐

RADCON Fence Broken at TLD Sta by Road

b. Are any of the 11 use restriction signs damaged or missing?

☐☒

c. Are all use restriction signs legible?

☒☐

d. How many signs need to be replaced?

☐☐

2. Use-restricted area:

YES

NO

EXPLANATION (required if shaded box is checked)

a. Is there evidence of human intrusion onto the 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

3. Photograph Documentation (optional):	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?	☒	☐	Log number: 10 IMG-0992.JPG 10 IMG-0993.JPG
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <i>Signage is Good Repair no noted deficiencies</i>			
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/ G Richardson		Date: 10/27/08	
Printed Name: Glenn Richardson		Title: Task Manager	

**CAU 476: AREA 12 T-TUNNEL MUCKPILE and
CAU 559: T-TUNNEL COMPRESSOR/BLOWER PAD**

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POST-CLOSURE INSPECTION CHECKLIST**CAU 476: AREA 12 T-TUNNEL MUCKPILE - CAS 12-06-02, MUCKPILE****CAU 559: T-TUNNEL COMPRESSOR/BLOWER PAD - CAS 12-25-13, OIL STAINED SOIL AND CONCRETE**Inspection Date and Time: *12/11/08 9:30 AM*Reason for Inspection: *Annual*Date of Last Post-Closure Inspection: *None - 1st inspection*Reason for Last Post-Closure Inspection: *1st Inspection*

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

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

Chief Inspector: *Glenn Richardson / Reed Poderis*Title: *Task Manager / DPM*Assistant Inspector: *Mike Floyd*Title: *Field Technical Lead***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?

☐*N/A - 1st inspection*

3. Were anomalies or trends detected on previous inspections?

☐*N/A - 1st inspection*

4. Were maintenance or repairs performed since last inspection?

☐*N/A - " "***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**

I. 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>		✓	<i>The UR sign does not have the same text that is consistent with the Closure Report.</i>
g. Does the sign need to be replaced?	✓		<i>The UR sign needs to have the same text as identified in the closure report.</i>
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?		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?			N/A
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: *The access gate appears to be secured and the UR signage is visible and legible. However, the text on the mega UR sign is not consistent with the Closure Report and needs to be revised.*

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/ G Richardson*Date: *12/11/08*Printed Name: *Glenn Richardson*Title: *Task Manager***Required Attachments:**

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\ *Photos\ CAU 476-559\ 12-11-2008*)

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/ R Poderis*Date: *1-20-09*Printed Name: Thomas A. Thiele (or designee) *Reed Poderis*

Distribution: Original – Task Manager

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CAU 477: AREA 12 N-TUNNEL MUCKPILE

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POST-CLOSURE INSPECTION CHECKLIST**CAU 477: AREA 12 N-TUNNEL MUCKPILE - CAS 12-06-03, MUCKPILE**Inspection Date and Time: *12/11/08 9:00 AM*Reason for Inspection: *Annual*Date of Last Post-Closure Inspection: *None - 1st inspection*Reason for Last Post-Closure Inspection: *1st Inspection*

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

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

Chief Inspector: *Glenn Richardson / Reed Poderis*Title: *Task Manager / DPM*Assistant Inspector: *Mike Floyd*Title: *Field Technical Lead***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?

☐☐*N/A - 1st inspection*

3. Were anomalies or trends detected on previous inspections?

☐☐*N/A " "*

4. Were maintenance or repairs performed since last inspection?

☐☐*N/A " "***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 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):	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?			The UR sign does not have the required wording per the Closure Report
<div style="border: 1px solid black; padding: 10px; margin: 10px;"> <p style="text-align: center;">WARNING Lead Contaminated Area Beyond This Point FFACO Site</p> <p>CAU 477, Area 12, N-Tunnel Muckpile CAS 12-06-03, Muckpile</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?	✓		The UR sign will have to be replaced with a sign that has the same wording as the closure report.
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?		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?			N/A
3. Are maintenance/repair actions necessary?	✓		If "yes", describe below
4. Field conclusions/recommendations: The access gate is sturdy and secured. The mega UR sign is visible and legible; however, it does not have the same wording as per the Closure Report. The UR sign will need to be replaced.			

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/ G Richardson

Date: 12/11/08

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\12-11-2008)

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/ R Poderis

Date: 1-20-09

Printed Name: Thomas A. Thiele (or designee) Reed Poderis

Distribution: Original – Task Manager

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CAU 478: AREA 12 T-TUNNEL PONDS

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POST-CLOSURE INSPECTION CHECKLIST**CAU 478: AREA 12 T-TUNNEL PONDS - CAS 12-23-01, PONDS (5), RAD AREA**Inspection Date and Time: *12/16/08 9:35 AM*Reason for Inspection: *Annual*Date of Last Post-Closure Inspection: *None - 1st inspection*Reason for Last Post-Closure Inspection: *1st inspection*

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

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

Chief Inspector: *Glenn Richardson / Reed Poderis*Title: *Task Manager / DPM*Assistant Inspector: *Mike Floyd*Title: *Field Technical Lead***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)
☒	☐	
☐	☐	<i>N/A - 1st inspection</i>
☐	☐	<i>N/A " "</i>
☐	☐	<i>N/A " "</i>

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?		✓	
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>			<i>The UR sign does not have the required wording as per the Closure Report.</i>
g. Does the sign need to be replaced?	✓		<i>A UR sign with the correct wording as per the Closure Report will replace the current UR sign.</i>
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?			N/A
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: The access gate is in excellent condition.
The mega UR sign is visible and wording legible; however, the
wording is not the same as per the Closure Report. The
UR sign will need to be replaced.

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/ G RichardsonDate: 12/16/08Printed Name: Glenn RichardsonTitle: Task Manager**Required Attachments:**

- Field Notes (if any)
- Photos (or note File Location: S:\NTS\ER Share\ Photos\ CAU 478\ 12-16-2008)

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/ R PoderisDate: 1-20-09

Printed Name: Thomas A. Thiele (or designee)

Reed Poderis**Distribution:** Original – Task Manager

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CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS
CAS 15-06-02, U15A MUCKPILE & CAS 15-38-01, AREA 15 U15A/E PONDS

Inspection Date and Time: *12/9/08 10:15 AM*Reason for Inspection: *Annual*Date of Last Post-Closure Inspection: *None - 1st inspection*Reason for Last Post-Closure Inspection: *1st Inspection*

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

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

Chief Inspector: *Glenn Richardson / Reed Paden*Title: *Task Manager*Assistant Inspector: *Mike Floyd*Title: *Field Technical Lead***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?

☐☐*N/A - 1st Inspection*

3. Were anomalies or trends detected on previous inspections?

☐☐*N/A " "*

4. Were maintenance or repairs performed since last inspection?

☐☐*N/A " "***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
CAS 15-06-02, U15A MUCKPILE & CAS 15-38-01, AREA 15 U15A/E PONDS

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 posted at the 15-2C barricade?	✓		The UR sign is next to 15-2C gate 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):		✓	The UR sign does not have the required wording as per the Closure Report.
<div style="border: 1px solid black; padding: 10px; margin: 10px;"> <p style="text-align: center;">WARNING Radiologically Contaminated Areas Beyond This Point FFACO Site</p> <p>CAU 482, Area 15, U15a/c Muckpiles and Ponds CAS 15-38-01, U15a/c Ponds Drainage below CAS 15-06-02</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>		✓	
h. Does the sign need to be replaced?	✓		The UR sign needs to be replaced with a sign that has the same wording as per the Closure Report.
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?			N/A
3. Are maintenance/repair actions necessary?	✓		If "yes", describe below
4. Field conclusions/recommendations: The access gate is secured and well-maintained. The mega UR sign is legible and in excellent condition; but needs to be replaced because it does not have the same wording (text) as per the Closure Report. The site will require follow-up actions.			

POST-CLOSURE INSPECTION CHECKLIST

CAU 482: AREA 15 U15A/E MUCKPILES AND PONDS
CAS 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/ G Richardson

Date: 12/9/08

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\ 12-9-2008)

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/ R Poderis

Date: 1-20-09

Printed Name: Thomas A. Thiele (or designee) Reed Poderis

Distribution: Original – Task Manager

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**CAU 528: POLYCHLORINATED BIPHENYLS
CONTAMINATION**

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <i>12/09/08 3:25pm</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>12/13/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
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: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Dorley Erer</i>	Title: <i>Sr. Scientist</i>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?			<i>3 signs down & repaired</i>
4. Were maintenance or repairs performed since last inspection?			" "
a. If yes, obtain a copy of maintenance records and attach to checklist.	✓		NA

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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?	✓		<i>A-10 2, A3 1, A-11 2, A-12 2 missing A-9 1, A-2 1, A6 2 missing, A8 2</i>
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?		4	

POST-CLOSURE INSPECTION CHECKLIST

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

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	✓		
If yes, how many photos were taken?	//		1M6100-859-866 868-870
If yes, has a photographic log been prepared?	✓		Log number:
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?		✓	Poor T Post installation. Signage need better securing
3. Is other maintenance/repair necessary?	✓		Reset T-Posts Rehang Signs
4. Field conclusions/recommendations: T Post for Signs need to be driven deeper d Signs need better method to secure to Posts Wind may be a factor.			
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/ G Richardson	Date: 12/10/08		
Printed Name: Glenn Richardson	Title: Task Manager		

Attachments (check if attached):

☐ Maintenance records

CAU 529: AREA 25 CONTAMINATED MATERIALS

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/10/08 10:34AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 12/13/07

Reason for Last Post-Closure Inspection: Annual

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

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

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

YES	NO	EXPLANATION (required if shaded box is checked)
☒	☐	
☒	☐	
☒	☐	1 Sign down in parcel H.
☒	☐	Reins Jailed 3 Signs & Repaired Rope Fence 6/24/08

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

D. SITE INSPECTION

1. Site markers (Parcel E):

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

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?

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?

POST-CLOSURE INSPECTION CHECKLIST

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

3. Site markers (Parcel H):	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?	☒	☐	1 Sign down
c. Are all use restriction signs legible?	☒	☐	
d. How many signs need to be replaced?	☐	☐	Rehang 1 Sign
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?	☒	☐	
5. Photograph Documentation (optional):	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?	☒	☐	Log number: IMG100-871
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. Is other maintenance/repair necessary?	☒	☐	Rehang 1 Sign
4. Field conclusions/recommendations: Site is good condition with 1 Sign down in Parcel H.			
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/ G Richardson		Date: 12/10/08	
Printed Name: Glenn Richardson		Title: Task Manager	

CAU 542: DISPOSAL HOLES

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POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-07, UD-3A DISPOSAL HOLE

Inspection Date and Time: 11/4/08 2:28pm	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 1/12/2008	Reason for Last Post-Closure Inspection:
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Thomas A. Thiele, Project Manager, Industrial Sites, Environmental Restoration Project	
Chief Inspector: Glenn Richardson	Title: Task MGR
Assistant Inspector: Dudley Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?	✓		re-hung signs & tight door

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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 4 use restriction signs damaged or missing?	✓		1 missing, 1 down
c. Are all use restriction signs legible?			1 Faded - Replace
d. How many signs need to be replaced?		1	

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-07, UD-3A DISPOSAL HOLE

2. Photograph Documentation (optional):	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?	☒	☐	Log number: 1MG-100-0798 1MG-100-0799

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?	☐	☒	Signs need better hanging
3. Is other maintenance/repair necessary?	☒	☐	Replace & Rehang Signs
4. Field conclusions/recommendations:	1 Sign faded 1 missing, 1 down need better & stronger attachment.		

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/ G Richardson	Date: 11/04/08
Printed Name: Glenn Richardson	Title: Task Manager

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-09, UD-3B DISPOSAL HOLE

Inspection Date and Time: 11/4/08 2:41pm

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/16/08

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

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

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 4 use restriction signs damaged or missing?	✓		only 3 signs are used on hole, sign post across the road w/ no sign
c. Are all use restriction signs legible?		✓	1 sign faded & down - replace 1 missing
d. How many signs need to be replaced?	2		

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-09, UD-3B DISPOSAL HOLE

2. Photograph Documentation (optional):	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?	☒	☐	Log number: 1M G-800
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. Is other maintenance/repair necessary?	☐	☐	Replace 2 Signs
4. Field conclusions/recommendations: Replace 2 Signs			
F. CERTIFICATION			
I have conducted an inspection of CAS 03-20-07, 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/ G Richardson		Date: 11/4/08	
Printed Name: Glenn Richardson		Title: Task Manager	

POST-CLOSURE INSPECTION CHECKLIST**CAU 542: DISPOSAL HOLES - CAS 03-20-10, UD-3C DISPOSAL HOLE**Inspection Date and Time: *11/4/08 15:20*Reason for Inspection: *Annual*Date of Last Post-Closure Inspection: *1/16/2008*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 Mgr*Assistant Inspector: *Douglas Emer*Title: *So Scientist***A. GENERAL INSTRUCTIONS**

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?

☒☐*1 loose sign repaired 2008*

4. Were maintenance or repairs performed since last inspection?

☒☐*1 loose sign main entrance 4/1/08***C. SITE INSPECTION PREPARATION**

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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 4 use restriction signs damaged or missing?

☒☐*2 missing*

c. Are all use restriction signs legible?

☒☐

d. How many signs need to be replaced?

2

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-10, UD-3C DISPOSAL HOLE

2. Photograph Documentation (optional):	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?	☒	☐	Log number: IMG_0805.JPG
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?	☐	☒	Replaced Signs w/ better attachments
3. Is other maintenance/repair necessary?	☒	☐	Replace 2 signs
4. Field conclusions/recommendations:	2 missing signs no Radiological signs (URN).		
F. CERTIFICATION			
I have conducted an inspection of CAS 03-20-07, 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/ G Richardson	Date: 11/04/08		
Printed Name: Glenn Richardson	Title: Task Manager		

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 03-20-11, UD-3D DISPOSAL HOLE

Inspection Date and Time: 1/14/08 15:40	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 1/16/08	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 MGR
Assistant Inspector: Dudley Emer	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

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 4 use restriction signs damaged or missing?	✓		2 Down Signs
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		2 Rehung

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

2. Photograph Documentation (optional):	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?	☒	☐	Log number: 116_0804.JPG
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?	☐	☒	Rehang Signs w Stronger Wire
3. Is other maintenance/repair necessary?	☒	☐	Rehang 2 Signs
4. Field conclusions/recommendations: 2 Signs Down all 4 legible need to use Stronger Wire for attachments			
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/ G Richardson		Date: 11/04/08	
Printed Name: Glenn Richardson		Title: 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: <i>11/04/08 1:58 PM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>1/16/08</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
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: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Dudley Emer</i>	Title: <i>Sr. Scientist</i>

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers:			
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are any of the 4 use restriction signs damaged or missing?	☒	☐	<i>3 of the UR signs are down and 1 UR sign is missing that needs to be replaced.</i>
c. Are all use restriction signs legible?	☒	☐	
d. How many signs need to be replaced?		<i>1</i>	

POST-CLOSURE INSPECTION CHECKLIST

CAU 542: DISPOSAL HOLES - CAS 06-20-03, UD-6 AND UD-6S DISPOSAL HOLES

2. Photograph Documentation (optional):	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?	☒	☐	Log number: IMG_0791 - IMG_0793
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. Is other maintenance/repair necessary?	☒	☐	Three signs that were noticed down need to be rehung.
4. Field conclusions/recommendations: Noticed three UR signs down that need to be rehung. The UR signs are legible and well-maintained. Noticed 1 UR sign missing that will be replaced with a new UR sign.			
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/ G Richardson		Date: 11/04/08	
Printed Name: Glenn Richardson		Title: Task Manager	

CAU 543: LIQUID DISPOSAL UNITS

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 11/13/08 15:28

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: N/A

Reason for Last Post-Closure Inspection: This is 1st year inspection

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

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

Chief Inspector: Glenn Richardson

Title: Task MGR

Assistant Inspector: Dudley Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?

☐
☒

1st Annual inspection

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

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 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?

☐
☒

f. Are any of the nine (9) PCB signs damaged or missing?

☐
☒

POST-CLOSURE INSPECTION CHECKLIST

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

1. Site markers (continued):	YES	NO	
f. Are all PCB signs legible (including written info on bottom 2 lines)?		☒	Bottom 2 Lines Faded
g. How many PCB signs need to be replaced?	9		Recommend all nine
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☒	☒	
3. Photograph Documentation (optional):	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?	☒		Log number: IMG-0830-0832.JPG
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. Is other maintenance/repair necessary?	☒	☒	
4. Field conclusions/recommendations: Site in good condition with exception of fading of last two lines on all PCB signs. Recommend Replace all 9 with permanent ink used on Bottom 2 Lines (also contact telephone number)			
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/ G Richardson	Date: 11/13/08		
Printed Name: Glenn Richardson	Title: 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: 11/4/08 09:54 AM	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: N/A 1st inspection	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: Duane Emer	Title: Sr. Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

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?	☐	☒	
b. Have any posts been damaged or their anchoring weakened?	☐	☒	
c. Are any of the four 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 PCB signs damaged or missing?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK
- CAS 15-23-03, CONTAMINATED SUMP, PIPING

1. Site markers (CAS 15-01-03, Bldg 15-06 pad) continued:	YES	NO	EXPLANATION (required if shaded box is checked)
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 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 PCB signs damaged or missing?	☐	☐	
f. Are all PCB signs legible (including written info on bottom 2 lines)?	☒	☐	
g. How many PCB signs need to be replaced?	0		
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 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 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??	☒	☐	
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?	☐	☒	

POST-CLOSURE INSPECTION CHECKLIST

CAU 543: LIQUID DISPOSAL UNITS - CAS 15-01-03, ABOVEGROUND STORAGE TANK
- CAS 15-23-03, CONTAMINATED SUMP, PIPING

7. Photograph Documentation (optional):	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?	☒	☐	Log number: <i>IMG_0772 - 0775 .JPG</i>
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations:	<i>Site is in Good Repair Signs legible & intact.</i>		
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/ G Richardson	Date: <i>11/4/08</i>		
Printed Name: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>		

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

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POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>11/4/08 2:12 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>None - 1st Inspection</u>	Reason for Last Post-Closure Inspection: <u>1st 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>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 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?			<u>N/A - 1st inspection</u>
3. Were anomalies or trends detected on previous inspections?			<u>N/A - " "</u>
4. Were maintenance or repairs performed since last inspection?			<u>N/A - " "</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 to ensure 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; margin: 5px;"> <p align="center">WARNING</p> <p align="center">Radiologically Contaminated Area FFACO Site CAU 545/CAS 03-08-03 CAS 03-08-03 Mud Disposal Site</p> <p align="center">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>			
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. 			
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?			N/A - 1st inspection - Maintenance has not been performed.
3. Are maintenance/repair actions necessary?		✓	If "yes", describe in Field conclusions/recommendations
4. Field conclusions/recommendations: <i>The UR signage and fencing are in good condition. There is no evidence of intrusion. The site perimeter overlaps into a contamination area. The radiological signage and postings are well maintained and in great condition. There are no issues that warrant a follow-up action.</i>			

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/ G Richardson

Date: 11/4/08

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\ 2008\ 11-04-2008 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/ R Poderis

Date: 1-20-09

Printed Name: Thomas A. [unclear] (or designee)

Reed Poderis

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: <u>11/4/08 2:56 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>None - 1st inspection</u>	Reason for Last Post-Closure Inspection: <u>1st 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>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 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?	☐	☐	<u>N/A - 1st inspection</u>
3. Were anomalies or trends detected on previous inspections?	☐	☐	<u>N/A</u> " "
4. Were maintenance or repairs performed since last inspection?	☐	☐	<u>N/A</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 is to ensure 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.

	YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers (northwest fenced area):			
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; margin: 5px;"> <p style="text-align: center;">WARNING</p> <p style="text-align: center;">Radiologically Contaminated Area FFACO Site CAU 545/CAS 03-23-05 CAS 03-23-05 Europium Disposal 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>	✓		
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; margin: 5px;"> <p style="text-align: center;">WARNING</p> <p style="text-align: center;">Radiologically Contaminated Area FFACO Site CAU 545/CAS 03-23-05 CAS 03-23-05 Europium Disposal 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>	✓		
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?	☐	☒	N/A - 1st Inspection - Maintenance has not been performed.
3. Are maintenance/repair actions necessary?	☒	☐	If "yes", describe below
4. Field conclusions/recommendations: Overall site conditions are good. The wire rope and cable wire fencing are very stable. The UR signage shows no evidence of damage and are legible. There are no issues or concerns that warrant a follow-up action.			

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/ G Richardson

Date: 11/4/08

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\2008\11-04-2008 03-23-05 Site 1 & 2 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/ R Poderis

Date: 1-20-09

Printed Name: Thomas A. Thiele (or designee) Reed Poderis

Distribution: Original – Task Manager

CAU 551: AREA 12 MUCKPILES

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POST-CLOSURE INSPECTION CHECKLIST

CAU 551: AREA 12 MUCKPILES - CAS 12-01-09, ABOVEGROUND STORAGE TANK AND STAIN
CAS 12-06-05, U-12B MUCKPILE
CAS 12-06-07, MUCKPILE
CAS 12-06-08, MUCKPILE

Inspection Date and Time: 10/27/08 12 pm

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 2/12/2008

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 MGR

Assistant Inspector: Doolay Emer

Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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 Replaced

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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 13 use restriction signs damaged or missing?

✓

c. Are all use restriction signs legible?

✓

d. How many signs need to be replaced?

0

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

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?	☒	☐	Photo 17 IMG-1000.JPG
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, NDEP notification required)	☐	☒	
If yes, date reported: _____			
Person/Agency to whom report was made: _____			
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?	7	#11-17	
If yes, has a photographic log been prepared?	☒	☐	Log number: IMG 0994 - 1000 .JPG
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. Is other maintenance/repair necessary?	☒	☐	Shoat erosion
4. Field conclusions/recommendations:	Shoat has erosion allowing runoff down Road, IMG-0998.JPG		
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/ G Richardson		Date: 10/27/08	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Photos

CAU 552: AREA 12 MUCKPILE AND PONDS

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POST-CLOSURE INSPECTION CHECKLIST

CAU 552: AREA 12 MUCKPILE AND PONDS - CAS 12-23-05, PONDS

Inspection Date and Time: 10/27/08 1:35 pm	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 1/23/08	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 MGR
Assistant Inspector: Duane Finner	Title: Sr Scientist

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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?	☒	☐	Bobbin Power Repair
5. Has the G-Tunnel muckpile been completed and source of contamination been controlled? (If yes, then additional post-closure activities may be needed. See the Closure Report.)	☐	☒	

C. SITE INSPECTION PREPARATION

Assemble the following, as needed, to conduct inspections:

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

D. SITE INSPECTION

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

POST-CLOSURE INSPECTION CHECKLIST**CAU 552: AREA 12 MUCKPILE AND PONDS - CAS 12-23-05, PONDS**

2. Photograph Documentation (optional):	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?	☒	☐	Log number: <i>IMG-1001.JPG</i> <i>IMG-1002.JPG</i>
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. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <i>Site in good condition</i>			
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: <i>/s/ G Richardson</i>	Date: <i>10/27/08</i>		
Printed Name: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>		

CAU 554: AREA 23 RELEASE SITE

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POST-CLOSURE INSPECTION CHECKLIST

CAU 554: AREA 23 RELEASE SITE - CAS 23-02-08, USTS 23-115-1,2,3/SPILL NO. 530-90-002

Inspection Date and Time: 11/25/08 7:06 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/23/08

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: Chris McGowin

Title: Field Technical Lead

A. GENERAL INSTRUCTIONS

1. All checklist items must be completed and detailed comments made to document the results of the site inspection. The completed checklist is part of the field record of the inspection. Additional pages should be used as necessary to ensure that a complete record is made. Attach the additional pages and number all pages upon completion of the inspection.
2. Any checklist line item marked by an inspector in a SHADED BOX must be fully explained or an appropriate reference to previous reports provided. The purpose of this requirement is to provide a written explanation of inspector observations and the inspector's rationale for conclusions and recommendations. Explanations are to be placed on additional attachments and cross-referenced appropriately. Explanations, in addition to narrative, will take the form of sketches, measurements, and annotated site maps.
3. 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.
4. Field notes taken to assist in completion of this checklist will become part of the inspection record. No form is specified for field notes; however, they must be legible and in sufficient detail to enable review by succeeding inspectors and the responsible agency.
5. This unit will be inspected annually with formal reporting to the Nevada Division of Environmental Protection to be done annually. The annual letter report will include a summary with this inspection checklist attached.

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

D. SITE INSPECTION

1. Site markers: YES NO EXPLANATION (required if shaded box is checked)

a. Are both brass plates intact and readable?

✓

Brass plates are intact and legible.

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

✓

Noticed only sign post erected on the SE corner. Need to install another sign post to support the new UR sign.

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

✓

One sign is missing on the SE corner.

d. Are all use restriction signs legible?

✓

e. How many signs need to be replaced?

1

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

2. Photograph Documentation (optional):	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?	✓		Log number: IMG_0136, IMG_0137, IMG_0139

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. Is other maintenance/repair necessary?		✓	

4. Field conclusions/recommendations: *Noticed 1 UR sign missing that needs to be replaced. Remaining signs are in good condition. The sign posts are intact, but noticed only 1 sign post erected at the missing sign location. Another sign post needs to be installed.*

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/ G Richardson

Date: 11/25/08

Printed Name: Glenn Richardson

Title: Task Manager