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

APR 22 2008

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

**SUBMITTAL OF FINAL POST-CLOSURE INSPECTION LETTER REPORT FOR
CORRECTIVE ACTION UNITS ON THE NEVADA TEST SITE, Revision 0, April 2008,**

This letter serves as the post-closure inspection letter report for the following Corrective Action Units (CAUs) for calendar year 2007:

CAU 5, Landfills
CAU 137, Waste Disposal Sites
CAU 140, Waste Dumps, Burn Pits, and Storage Area
CAU 143, Area 25 Contaminated Waste Dumps
CAU 165, Area 25 and 26 Dry Well and Washdown Areas
CAU 168, Area 25 and 26 Contaminated Materials and Waste Dumps
CAU 204, Storage Bunkers
CAU 214, Bunkers and Storage Areas
CAU 254, Area 25 R-MAD Decontamination Facility
CAU 261, Area 25 Test Cell A Leachfield System
CAU 262, Area 25 Septic Systems and UDP
CAU 271, Areas 25, 26, and 27 Septic Systems
CAU 309, Area 12 Muckpiles
CAU 322, Areas 1 & 3 Release Sites and Injection Wells
CAU 335, Area 6 Injection Well and Drain Pit
CAU 339, Area 12 Fleet Operations Steam Cleaning Effluent
CAU 342, Area 23 Mercury Fire Training Pit
CAU 357, Mud Pits and Waste Dump
CAU 383, Area 12 E-Tunnel Sites
CAU 528, Polychlorinated Biphenyls Contamination
CAU 529, Area 25 Contaminated Materials
CAU 542, Disposal Holes
CAU 551, Area 12 Muckpiles
CAU 552, Area 12 Muckpile and Ponds
CAU 554, Area 23 Release Site

Results for CAU 5

CAU 5 sites were inspected on December 11, 2007 (Corrective Action Site [CAS] 20-15-01); December 17, 2007 (CAS 05-15-01); January 2, 2008 (CASs 06-08-01, 06-15-02, and 06-15-03); January 3, 2008 (CAS 12-15-01); and January 23, 2008 (CASs 05-16-01 and 23-15-03). CASs 20-15-01 and 23-15-03 are in excellent condition. Signs observed to have been down during last year's inspection had been re-hung and/or replaced starting in the spring and finishing in July 2007. Because of repeated sign loss due to heavy winds at CASs 06-15-02 and 06-15-03, existing T-posts were replaced with heavy-duty posts, and signs were bolted to the posts. This action successfully mitigated damage caused by the windy conditions, and no signs were down at either of those CASs during this year's inspection.

This year's inspection showed that signs were down at several of the CASs. One sign was down at CAS 05-15-01, two signs were down at CAS 05-16-01, and four signs were either down or needed to be otherwise reattached at CAS 12-15-01; however, the signs are still present and in good shape and will be re-hung. In addition to these sites, numerous signs were down, loose, or missing at CAS 06-08-01. These signs will be replaced or re-hung, as needed.

Several other minor maintenance items were identified. Sections of wire rope fence were down and will be rehung and/or replaced at CASs 06-08-01 and 12-15-01. Locks on the drive-through gates at CAS 06-08-01 should be replaced with the standard post-closure site locks, for easier access. Although not required, one additional use restriction sign will be added for the second drive-through access gate at CAS 06-08-01. Maintenance and repairs will be scheduled by the end of March 2008.

Some evidence of overland water flow is present on the cover near the middle of the CASs 06-15-02 and 06-15-03 site. This could be a result of recent heavy rains and does not present a threat to the cover; however, this area should be monitored in the future to make sure that an erosion channel does not form.

Results for CAU 137

CAU 137 sites were inspected on January 16, 2008 (CASs 01-08-01 and 07-23-02), and January 23, 2008 (CASs 12-08-01 and 12-23-07). The CAU was in excellent condition, and there are no issues to be addressed. No corrective actions are needed.

Results for CAU 140

CAU 140 sites were inspected on December 17, 2007 (CAS 05-23-01), and January 23, 2008 (CAS 23-17-01). CAS 05-23-01 was in excellent condition. One sign at CAS 23-17-01 is down and needs to be re-hung, and another needs to be tightened. This repair will be scheduled by the middle of March 2008. The CAU is otherwise in good condition.

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Results for CAU 143

CAU 143 was inspected on December 13, 2007. One sign that was observed to be down at CAS 25-23-03 during the last inspection was re-hung in January 2007. This year's inspection showed CAS 25-23-03 to be in good condition with no corrective action needed. At CAS 25-23-09, six use restriction signs are down, loose, or missing, and three radioactive material signs need to be re-hung. These repairs were completed on March 11, 2008.

Results for CAU 165

CAU 165 was inspected on December 13, 2007. The CAU was in excellent condition, and there are no issues to be addressed. No corrective actions are needed.

Results for CAU 168

CAU 168 sites were inspected on December 13, 2007 (CASs 25-16-03 and 25-23-02), and December 17, 2007 (CAS 25-99-16). CASs 25-16-03 and 25-99-16 were in good condition, with no corrective actions needed. Five signs at CAS 25-23-02 are down and need to be re-hung, and another needs to be tightened. This repair will be scheduled by the middle of March 2008. The CAU is otherwise in good condition.

Results for CAU 204

CAU 204 was inspected on December 17, 2007 (CASs 05-18-02 and 05-33-01), and January 16, 2007 (CASs 01-34-01, 02-34-01, and 03-34-01). The CAU was in excellent condition, and there are no issues to be addressed. Some minor housekeeping was identified at CAS 05-18-02 and consists of the removal of T-posts that remain from closure activities. No corrective actions are needed.

Results for CAU 214

CAU 214 sites were inspected on December 13, 2007. The CAU was in good condition, and there are no issues to be addressed. No corrective actions are needed.

Results for CAU 254

CAU 254 was inspected on December 17, 2007. The CAU was in good condition, and there are no issues to be addressed. No corrective actions are needed.

Results for CAU 261

CAU 261 was inspected on December 13, 2007. One sign that was observed to be down during the last inspection was re-hung in January 2007. This year's inspection showed the CAU to be in good condition, and there are no issues to be addressed. No corrective actions are needed.

Results for CAU 262

CAU 262 was inspected on December 13, 2007. One sign that was observed to be down during the last inspection at CAS 25-02-06 was re-hung and one sign at CAS 25-05-06 was reinforced in January 2007. This year's inspection showed that one sign at CAS 25-05-08 is missing and needs to be replaced. These repairs were completed on March 11, 2008. The CAU was otherwise in excellent condition.

Results for CAU 271

CAU 271 was inspected on January 23, 2008. The CAU was in good condition, and there are no issues to be addressed. No corrective actions are needed.

Results for CAU 309

CAU 309 sites were inspected on February 12, 2008. Several radiological signs were observed to be in poor condition and need to be replaced. The CAU was otherwise in excellent condition. Repairs will be completed in 2008.

Results for CAU 322

CAU 322 was inspected on December 10, 2007. The CAU was in good condition, and there are no issues to be addressed. No corrective actions are needed.

Results for CAU 335

CAU 335 was inspected on December 10, 2007. Signs and T-posts observed to have been down or damaged during last year's inspection were replaced and re-hung on September 19, 2007. Heavy-duty signposts to which the signs are bolted were obtained for these repairs. This change was made because of repeated sign damage caused by high winds at this site.

In this year's inspection, the majority of the use restriction signs and posts were in good condition; however, additional signs were damaged by high winds. Approximately ten small signs and one large sign were missing and need to be replaced. All damaged signs were on old T-posts. Sign maintenance and repairs were completed on February 27, 2008. During the repair work, additional signs were found to be damaged, missing, or down. These signs were replaced on March 11, 2008. Fence repair was also completed on February 20, 2008 as a best management practice.

Results for CAU 339

CAU 339 was inspected on December 10, 2007. This year's inspection showed the CAU to be in good condition, and there are no issues to be addressed. No corrective actions are needed.

Results for CAU 342

CAU 342 requires biannual inspections and was inspected on July 7, 2007, and January 23, 2008. The CAU was in good condition, and no issues were observed. No corrective actions are needed; however, the monitoring well no longer serves a purpose. Consequently, permanent abandonment of the well and a decrease in inspection frequency from biannual to every 5 years is recommended.

Results for CAU 357

CAU 357 was inspected on December 13, 2007 (CAS 25-15-01); January 16, 2008 (CAS 10-09-06); and January 23, 2008 (CAS 04-26-03). The CAU was in excellent condition, and there are no issues to be addressed. No corrective actions are needed.

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Results for CAU 383

CAU 383 was inspected on February 12, 2008. The CAU was in excellent condition, and there are no issues to be addressed. No corrective actions are needed.

Results for CAU 528

CAU 528 was inspected on December 13, 2007. Three signs were down and need to be reinstalled. This repair will be scheduled by the end of May 2008. The CAU was otherwise in good condition.

Results for CAU 529

CAU 529 was inspected on December 13, 2007. One sign from Parcel H was down and damaged and needs to be replaced. Repairs will be completed in 2008. The CAU was otherwise in good condition.

Results for CAU 542

CAU 542 sites were inspected on January 16, 2008. One sign at CAS 03-20-07 is down and needs to be re-hung, and one sign at CAS 03-20-10 is loose and needs to be tightened. Repairs will be completed in 2008. The CAU was otherwise in good condition.

Results for CAU 551

CAU 551 was inspected on February 12, 2008. One sign was down and needs to be re-hung. Repairs will be completed in 2008. The CAU was otherwise in good condition.

Results for CAU 552

CAU 552 was inspected on January 23, 2008. The CAU was in excellent condition, and there are no issues to be addressed. One strand of barbed wire was loose and will be tightened as a best management practice. No corrective actions are needed.

Results for CAU 554

CAU 554 was inspected on January 23, 2008. The CAU was in good condition, and there are no issues to be addressed. No corrective actions are needed.

Copies of the completed checklists for all site inspections, as well as other information required to be provided in this report, are attached.

Please direct comments and questions to Janis Romo, of my staff, at (702) 295-0838.

/s/ John Jones

~~John B.~~ Jones
Acting Federal Project Director
Environmental Restoration Project

ERP:4138.KC

Enclosure:
As stated

APR 22 2008

cc w/encl. (uncontrolled):

Public Reading Facility Coordinator, SNJV, Las Vegas, NV (electronic copy)
Northern Nevada Public Reading Room, Carson City, NV (1 electronic copy)
Southern Nevada Public Reading Room, Las Vegas, NV (2 electronic copies)
Technical Library, NNSA/NSO, Las Vegas, NV (electronic copy)
NSTec Document Production (electronic copy to OSTI)
Ted Zaferatos, NDEP, Las Vegas, NV
T. A. Thiele, NSTec, Las Vegas, NV
R. F. Boehlecke, SNJV, Las Vegas, NV
G. Richardson, NSTec, Las Vegas, NV
A. J. Silvas, NSTec, Las Vegas, NV
A. T. Urbon, NSTec, Las Vegas, NV
J. N. Romo, ERP, NNSA/NSO, Las Vegas, NV

cc w/o encl:

J. J. MacDougall, NDEP, Las Vegas, NV
Jeffrey Fraher, DTRA/CXTS, Kirtland AFB, NM
W. R. Griffin, SNJV/DTRA, M/S 645, Mercury, NV
E. F. Di Sanza, WMP, NNSA/NSO, Las Vegas, NV
K. J. Cabble, ERP, NNSA/NSO, Las Vegas, NV
EM Records, AMEM, Las Vegas, NV
FFACO Group, PSG, NNSA/NSO, Las Vegas, NV

Final Post-Closure Inspection Letter Report for Corrective Action Units on the Nevada Test Site for Calendar Year 2007

Revision 0

April 2008

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

CAU 5: LANDFILLS

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/17/07 1625

Reason for Inspection: ANNUAL

Date of Last Post-Closure Inspection: 1/4/07

Reason for Last Post-Closure Inspection: ANNUAL

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: M. L. FIORE

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)
X		
X		
	X	
	X	
	X	NA
	X	NA

1. Has the Post-Closure Plan been reviewed?

X

2. Have the previous inspection reports been reviewed?

X

3. Were anomalies or trends detected on previous inspections?

X

4. Were maintenance or repairs performed since last inspection?

X

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

X

NA

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

X

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?

X

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

X

1 sign needs to be re-hung, Sign Present

c. Are all use restriction signs legible?

X

d. How many signs need to be replaced?

N/A

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?			
If yes, has a photographic log been prepared?	☐	☐	Log number:
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>Re-nang 1 U.R. Sign. The Sign is present at the location. This location was found to be in good condition except for the 1 U.R. Sign.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 05-15-01, Sanitary Landfill, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson	Date: 12/17/07		
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>1/23/08 1:54 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>1/4/07</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Robert Green</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)
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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?	☐	☒
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

YES	NO	EXPLANATION (required if shaded box is checked)
1. Site markers East of Berm:		
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?	<u>0</u>	<u>No signs need to be replaced, but 2 signs were down and need to be rehung.</u>

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?		✓	
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?			
If yes, has a photographic log been prepared?			Log number:
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>Two (2) signs on the east side of the berm are down and need to be rehung.</i>

POST-CLOSURE INSPECTION CHECKLIST

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

5. Field conclusions/recommendations: *The use restriction signs and T-posts are in good condition on the east side of the berm. Two (2) signs were down and will need to be rehung. On the west side of the berm, the wire rope fencing and UR signage are in excellent condition. The only follow-up action is required on the east side of the berm.*

F. CERTIFICATION

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

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

Date: *1/23/08*

Printed Name: *Glenn Richardson*

Title: *Task Manager*

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 1/2/08 9:12 Am	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 1/3/07	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: GLENN RICHARDSON	Title: TASK MANAGER
Assistant Inspector: ALLISON URBON	Title: TECH 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.
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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?	X		
2. Have the previous inspection reports been reviewed?	X		
3. Were anomalies or trends detected on previous inspections?		X	
4. Were maintenance or repair of the landfill unit performed since the last inspection?		X	
a. If so, has site repair resulted in a change from as-built conditions?		NA X	
b. If yes (to 4a), are revised as-built plans available that reflect repair changes?		NA X	

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.

EXPLANATION

Required for: - unshaded boxes that are not checked
- shaded boxes that are checked

	FACILITY	UTILITIES				ELECTRIC	
		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	☒	☒	☒	☒	☒	☒	
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?							
f. If so, what contacts were made, when, by whom?							
Date reported: _____							
Reported by: _____							
Person(s) to whom report was made: _____							

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.

None

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	☒	☒	☒	☒	☒	☒	
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?							
f. If so, what contacts were made, when, by whom?							
Date reported: _____							
Reported by: _____							
Person(s) to whom report was made: _____							

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.

None

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?		X	
b. Are the gate locks in place and functional?		X	Locks on both drive-thru gates need to be replaced.
c. Is there damage to the fence?	X		Diagonal wire rope fence needs to be refitted ~ 60ft
d. Have any posts been damaged or their anchoring weakened?		X	
e. Are any of the use restriction signs damaged or missing?	X		Numerous signs down or loose. 10 down, 1 loose, 1 missing
f. Are all use restriction signs legible?		X	One "down" sign is all scratched up + needs to be replaced
g. How many signs need to be replaced?		2	Consider adding UR sign at second drive-thru access gate
2. Waste unit cover in fenced area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		X	
b. Is there evidence of erosion (wind or water)?		X	
c. Is there evidence of human intrusion into the cover?		X	
d. Is there evidence of large animal intrusion into the cover?		X	
3. Site markers from south boundary of use restricted area to fence:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Are any bollards (that protect the use restriction signage) damaged or missing?		X	There are no bollards for UR signs (remove from checklist)
b. Have any posts been damaged or their anchoring weakened?		X	
c. Are any of the use restriction signs damaged or missing?	X		One is loose, one is missing
d. Are all use restriction signs legible?	X		
e. How many signs need to be replaced?		1	
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?		X	
b. Is there evidence of erosion (wind or water)?		X	
c. Is there evidence of human intrusion into the cover?		X	
d. Is there evidence of large animal intrusion into the cover?		X	

POST-CLOSURE INSPECTION CHECKLIST

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

5. Photograph Documentation (optional):

YES

NO

EXPLANATION

a. Have photographs been taken of the site?

X

If yes, how many photos were taken?

0

If yes, has a photographic log been prepared?

X

Log number:

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)

X

Date reported: _____

Person/Agency to whom report was made: _____

2. Are more frequent inspections required?

X

3. Are existing maintenance/repair actions satisfactory?

X

4. Is other maintenance/repair necessary?

X

5. Field conclusions/recommendations: *The site fencing is in good condition. There is no evidence of settling or erosion on the waste unit cover. There are approximately ten (10) use restriction signs down, a couple of signs loose that need to be tightened, and a couple of signs missing that will need to be replaced.*

F. CERTIFICATION

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

Chief Inspector's Signature: /s/ Glenn Richardson

Date: 1/2/08

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

Inspection Date and Time: 1/2/08	Reason for Inspection: Annual
Date of Last Post-Closure Inspection: 1/4/07	Reason for Last Post-Closure Inspection: Annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: GLENN RICHARDSON	Title: TASK MANAGER
Assistant Inspector: ALLISON URBON	Title: TECH 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?	X		
2. Have the previous inspection reports been reviewed?	X		
3. Were anomalies or trends detected on previous inspections?	X		Signs on t-posts, lots of damage to signs or missing signs
4. Were maintenance or repairs performed since last inspection?	X		
a. If yes, has site repair resulted in a change from as-built conditions?		X	NA
b. If yes (to 4a), are revised as-built plans available that reflect repair changes?			NA
X

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:		
	X	a. Have any posts been damaged or their anchoring weakened?
	X	b. Are any of the use restriction signs damaged or missing?
X		c. Are all use restriction signs legible?
		d. How many signs need to be replaced?

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?		X	
b. Is there evidence of erosion (wind or water)?	X		Minor - center of site, keep an eye on it in future to make sure that water does not cut deeper.
c. Is there evidence of human intrusion into the covers?		X	
d. Is there evidence of large animal intrusion into the covers?		X	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?		X	
If yes, how many photos were taken?		0	
If yes, has a photographic log been prepared?		X	Log number:
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)		X	
Date reported: _____			
Person/Agency to whom report was made: _____			
2. Are more frequent inspections required?		X	
3. Are existing maintenance/repair actions satisfactory?	X		
4. Is other maintenance/repair necessary?		X	
5. Field conclusions/recommendations: Signs in excellent condition. New posts with signs bolted to posts provide stable, secure anchor. In center of entire landfill area, some evidence of overland water flow is starting to develop. This area should be monitored to verify that it does not cut into cover.			
F. CERTIFICATION			
I have conducted an inspection of CAS 06-15-02, Sanitary Landfill, and CAS 06-15-03, Sanitary Landfill, Burn Pits, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 1/2/08	
Printed Name: Glenn Richardson		Title: Task Manager	

POST-CLOSURE INSPECTION CHECKLIST**CAU 005: LANDFILLS - CAS 12-15-01, SANITARY LANDFILL**

Inspection Date and Time: <i>1/3/08</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>1/30/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Robert Green</i>	Title: <i>Field Technical Lead</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. 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. 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.

EXPLANATIONRequired for: - unshaded boxes that are not checked
- shaded boxes that are checked

	FACILITY	UTILITIES			EXPLANATION
		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?	☒	☒	☒	☒	No routine maintenance (Sewer / Road)
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	☒	☒	☒	☒	
b. Waste management	☒	☒	☒	☒	
c. Repair of containment features (covers)	☒	☒	☒	☒	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.
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?	☒	☐	One section of wire strand rope is down and needs to be replaced or repaired along the south fenced area.
d. Have any posts been damaged or their anchoring weakened?	☒	☐	
e. Are any of the use restriction signs damaged or missing?	☒	☐	A total of 4 signs require a follow-up action. Two signs are down, 1 sign needs to be raised, and 1 sign is loose and needs to be tightened.
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?	1		N/A
If yes, has a photographic log been prepared?	☒	☐	Log number: N/A

E. FIELD CONCLUSIONS

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: Overall site conditions are good; however, a section of wire rope fencing is down and needs to be replaced along the south area. In addition, four (4) use restriction signs will require a follow-up maintenance action.

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/ Glenn Richardson

Date: 1/3/08

Printed Name: Glenn Richardson

Title: Task Manager

POST-CLOSURE INSPECTION CHECKLIST**CAU 005: LANDFILLS - CAS 20-15-01, LANDFILL**

Inspection Date and Time: <i>12/11/07 Approx. 2:00 PM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>1/10/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Brian Konrad</i>	Title: <i>ER Field Operations Manager</i>
Assistant Inspector:	Title:

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

	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?	<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?			
If yes, has a photographic log been prepared?	☐	☐	Log number:
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 appeared to be in good condition. There was no physical damage to the use restriction signage or T-posts. No corrective actions are necessary.</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: /s/ Brian Konrad		Date: 12/11/07	
Printed Name: <i>Brian Konrad</i>		Title: <i>ER Field Operations Manager</i>	

POST-CLOSURE INSPECTION CHECKLIST**CAU 005: LANDFILLS - CAS 23-15-03, DISPOSAL SITE**Inspection Date and Time: 1/23/08 Approx. 3:00 PMReason for Inspection: AnnualDate of Last Post-Closure Inspection: 12/28/06Reason for Last Post-Closure Inspection: Annual

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn RichardsonTitle: Task ManagerAssistant Inspector: Robert GreenTitle: 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)
☒	☐	
☒	☐	
☐	☒	
☐	☒	
☐	☐	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. 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.

EXPLANATION

Required for: - unshaded boxes that are not checked
- shaded boxes that are checked

	FACILITIES				UTILITIES		EXPLANATION
	A23 LANDFILL	WSI	TRAINING	WATER	FIRE DEPT.	HYDRANT	
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 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?			
If yes, has a photographic log been prepared?	☐	☐	Log number:

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: *The use restriction signage and T-posts are in good condition. There are no concerns or issues at this site.*

F. CERTIFICATION

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

Chief Inspector's Signature: /s/ Glenn Richardson

Date: 1/23/08

Printed Name: Glenn Richardson

Title: Task Manager

CAU 137: WASTE DISPOSAL SITES

POST-CLOSURE INSPECTION CHECKLIST**CAU 137: WASTE DISPOSAL SITES - CAS 01-08-01, WASTE DISPOSAL SITE**Inspection Date and Time: 1/16/08 12:32 PMReason for Inspection: AnnualDate of Last Post-Closure Inspection: None

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn RichardsonTitle: Task ManagerAssistant Inspector: Robert GreenTitle: 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)
☒	☐	
☒	☐	
☐	☒	
☐	☒	

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?	<u>0</u>		

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?			
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: *The integrity of the fencing is intact. The use restriction signage is legible and in good condition. There are no issues at this site that warrants a corrective action.*

F. CERTIFICATION

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

Chief Inspector's Signature: /s/ Glenn Richardson

Date: 1/16/08

Printed Name: Glenn 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: *1/16/08 3:12 PM*Reason for Inspection: *Annual*Date of Last Post-Closure Inspection: *None*

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: *Glenn Richardson*Title: *Task Manager*Assistant Inspector: *Robert Green*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 6 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 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?			
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: <i>Drove around use restriction site boundary. The integrity of the fencing and the signage are in excellent condition. There is no evidence of intrusion or physical damage due to high winds within the general area.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 07-23-02, Radioactive Waste Disposal Site, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson	Date: 1/16/08		
Printed Name: Glenn Richardson	Title: Task Manager		

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>1/23/08 10:41 AM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>None</u>	Reason for Last Post-Closure Inspection:
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Robert Green</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 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?	0		

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?			
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: <i>The use restriction signage and fencing are in good condition. There is no evidence of intrusion. No follow-up actions are necessary at these two sites.</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/ Glenn Richardson	Date: 1/23/08		
Printed Name: Glenn Richardson	Title: Task Manager		

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

POST-CLOSURE INSPECTION CHECKLIST**CAU 140: WASTE DUMPS, BURN PITS, AND STORAGE AREA
CAS 05-23-01, GRAVEL GERTIE**Inspection Date and Time: 12/17/07 3:18PMReason for Inspection: AnnualDate of Last Post-Closure Inspection: 1/4/07Reason for Last Post-Closure Inspection: Annual

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

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 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.

☐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. 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?

☐☐

0

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:
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 fencing and use restriction warning signs are in great condition. There was no evidence of intrusion. There are no corrective actions necessary at this site.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 05-23-01, Gravel Gertie, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/17/07	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

- ☐ Maintenance records
☒ Photos
☒ Field Notes

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

12/17/2007

12/17/2007

CAU 254

CAS 25-23-06 Arrived @ the site at 11:19 AM. All T-posts and use restriction signage are in good condition. There are no concerns or issues at this site. Leaving the site at 11:26 AM.

CAU 140

Arrived @ the site at 3:18 PM.

Note:

Resumed inspections after lunch and All-hands meeting.

CAS 05-23-01

The fencing and use restriction warning signs are in good condition. There appears to be no intrusion at the site location. There are no follow-up actions required at this site. Leaving the site at 3:33 PM.

CAU 204

CAS 05-33-01 Arrived @ the site at 3:42 PM. The wire rope fencing and UR signage are in good condition. The radiological postings are not damaged and remain legible. There appears to be no intrusion at the site. This site has no issues. Leaving the site at 3:51 PM.

CAU 204

CAS 05-18-02 Arrived @ the site at 3:56 PM. The wire rope and chain-link fencing are in great condition. Signs are erect and legible. Noticed an empty drum, extra T-posts, and sandbags that were possibly omitted (inadvertently) during site demobilization. Based upon the visual site inspection, the post closure requirements are maintained. Housekeeping activities could be performed as a best management practice. Leaving the site at 4:05 pm.

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: *1/23/08 2:47 PM*Reason for Inspection: *Annual*Date of Last Post-Closure Inspection: *12/28/06*Reason for Last Post-Closure Inspection: *Annual*

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: *Glenn Richardson*Title: *Task Manager*Assistant Inspector: *Robert Green*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?

☐☒

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 (TPH Area):

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?

☐☒*One sign is loose and needs to be tightened.*

c. Are all use restriction signs legible?

☒☐

d. How many signs need to be replaced?

0

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?		✓	Noticed one sign down that needs to be rehung.
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:
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?	✓		See field conclusions/recommendations
4. Field conclusions/recommendations: The signs are legible and in good condition. The T-posts are undamaged and intact. However, one use restriction sign was loose at the TPH area that needs to be tightened and one sign was down at the landfill area that needs to be rehung.			
F. CERTIFICATION			
I have conducted an inspection of CAS 23-17-01, Hazardous Waste Storage Area, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 1/23/08	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

- ☐ Maintenance records
☒ Photos
☒ Field notes

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

01/23/2008

01/23/2008

in the future. Leaving access pathway (restricted) for CAU 551 sites at 11:58 AM. Access Gate 12-8C is the Physical Barricade Point.

CAU 309

CAS 12-06-09 / CAS 12-06-05 - These two sites could not be accessed due to a physical barrier (locked) in place. In the future, a key will need to be retrieved from NNSA SOC for access. Leaving the Area 12 barrier at 12:33 PM.

CAU 005

CAS 05-16-01 Arrived @ RWMS Office Trailer to request site access @ 1:30 PM. Arrived @ the site @ 1:54 PM. Signage and postings are in good condition and undamaged. Discovered two UR signs down that need to be rehung ~~on~~^{on the} east side of the flood dike (berm). The fencing on the west side of the flood dike ~~is~~^{is} in good condition. Signage is in place and legible. The only corrective action necessary is on the east side of the berm at these sites. Leaving this site at 2:16 PM.

CAU 342

CAS 23-56-01 Arrived @ the site at 2:38 PM. The signage and fencing are in great condition. Verified the contact number reaches an NNSA extension for service or information. There are no issues or concerns at this site. Leaving this site at 2:43 PM.

CAU 140

CAS 23-17-01 Arrived @ the site at 2:47 PM. The signage and postings are in tact and in excellent condition. Correction: One sign is loose

TITLE

PROJECT NO.

Work continued from Page 34

BOOK NO.

and needs to be tightened. This is the square ^(TPH)UR boundary due east of the Area 23 Haz. Waste Trenches. The signage and postings further south in the rectangular shaped ^(Landfill) boundary are stable and in great condition, but noticed one sign was down that needs rehangings.

CAU 005

CAS 23-15-03 Arrived @ the site and checked in at the WSI office trailer prior to performing the inspection. The signage and postings are in excellent condition. No follow-up actions necessary at this site. Leaving the site at 3:08 PM.

CAU 554

CAS 23-02-08 Arrived @ the site at 3:22 PM. The signage and postings are in excellent condition. There is no potential for damage with the method of how the UR signs and posts were installed. No issues or concerns at this site. Leaving the site at 3:25 PM.

/s/ Glenn Richardson

1/23/08

SIGNATURE

DATE

DISCLOSED TO AND UNDERSTOOD BY

DATE

WITNESS

DATE

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

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: *12/13/07 1505*

Reason for Inspection: *ANNUAL*

Date of Last Post-Closure Inspection: *12/19/06*

Reason for Last Post-Closure Inspection: *ANNUAL*

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: *Clan Richardson*

Title: *Task Manager*

Assistant Inspector: *M. L. FLOYD*

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)
☒	☐	
☒	☐	
☐	☒	
☒	☒	<i>Maintenance was completed in Jan. 2007. Degree of maintenance was very minor. E-mail verification of maintenance completion is available in lieu of maintenance records.</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?

☒

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

NA

☒
Maintenance was completed in Jan. 2007. Degree of maintenance was very minor. E-mail verification of maintenance completion is available in lieu of maintenance records.

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?

N/A

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?		X	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?		X	
If yes, how many photos were taken?			
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?		X	
2. Are existing maintenance/repair actions satisfactory?	X		
3. Is other maintenance/repair necessary?		X	
4. Field conclusions/recommendations: <i>This location was found to be in good condition</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 25-23-03, Contaminated Waste Dump #2, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
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: <u>12/13/07 4:03 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>12/19/06</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Mike Floyd</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 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?	☐	☒	
b. Have any posts been damaged or their anchoring weakened?	☐	☒	
c. Are any of the 9 use restriction signs damaged or missing?	☒	☐	Six (6) UR signs will require a corrective action. (Three are down, two are loose, and one is missing.)
d. Are all use restriction signs legible?	☒	☐	
e. How many use restriction signs need to be replaced?	☐	☐	One UR sign needs to be replaced; however, 3 signs need to be rehung and 2 signs need to be tightened.

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?		✓	1 RMA sign is down inside the Contaminated Waste Dump fenced area.
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?		✓	2 URMA signs are down. (1 is down along the south side of the West Trench fence and 1 is down along the East side of the CWD fence.)
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?			
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?	✓		Please read field conclusions/recommendations section.
4. Field conclusions/recommendations: Overall site conditions for use restriction signage, fencing, and radiological signage is good. Six use restriction signs will require a follow-up action. Only one RMA sign and two URMA signs are down that will have to be rehung.			
F. CERTIFICATION			
I have conducted an inspection of CAS 25-23-09, Contaminated Waste Dump #1, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
Printed Name: Glenn Richardson		Title: Task Manager	

☐ Attachment: Maintenance records (check if attached)

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

POST-CLOSURE INSPECTION CHECKLIST**CAU 165: AREA 25 AND 26 DRY WELL AND WASHDOWN AREAS****CAS 25-20-01, LAB DRAIN DRY WELL**Inspection Date and Time: *12/13/07 1430*Reason for Inspection: *ANNUAL*Date of Last Post-Closure Inspection: *12/19/06*Reason for Last Post-Closure Inspection: *ANNUAL*

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: *Gloria Richardson*Title: *TASK MANAGER*Assistant Inspector: *M.L. FLORES*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)
☒	☐	
☒	☐	
☐	☒	
☐	☒	
☐	☐	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. 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 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?	☐	☐	<i>N/A</i>
If yes, how many photos were taken?	☐	☐	
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: <i>Site was found to be in good condition</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: /s/ Glenn Richardson		Date: <i>12/13/07</i>	
Printed Name: <i>Glenn Richardson</i>		Title: <i>Track Manager</i>	

☐ Attachment: Maintenance records (check if attached)

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

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: 12/13/07 1415

Reason for Inspection: ANNUAL

Date of Last Post-Closure Inspection: None

Reason for Last Post-Closure Inspection: ANNUAL

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: M.L. Floyd

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)
☒	☐	
☒	☐	
☐	☒	
☐	☒	
☐	☐	NA ☒
☐	☐	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. Were maintenance or repairs performed since last inspection?

☒

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

NA
☒

b. If yes (on 4), has site repair resulted in a change from as-built conditions?

NA
☒

c. If yes (to 4b), 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. 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?

☒

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?	X		
e. How many signs need to be replaced?		N/A	
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		X	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?			N/A
If yes, how many photos were taken?			
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?		X	
2. Are existing maintenance/repair actions satisfactory?	X		
3. Is other maintenance/repair necessary?		X	
4. Field conclusions/recommendations: Site was found to be in good 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/ Glenn Richardson		Date: 12/13/07	
Printed Name: Glenn Richardson		Title: TASC 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: 12/13/07 3:15 PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: None

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Mike Floyd

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)
☒	☐	
☒	☐	
☐	☒	
☐	☒	
☐	☐	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.

☐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)
☐	☒	
☐	☒	
☐	☒	5 signs are down and need to be rehung. 1 sign is loose and needs to be tightened.
☒	☐	
☐	☐	5 signs will be rehung and 1 sign will be tightened.

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?			
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?	✓		5 signs will need to be rehung and 1 sign will be tightened.
4. Field conclusions/recommendations: <i>Overall site conditions were good. A total of six (6) signs will require a follow-up action. Five signs were discovered on the ground that will need to be rehung (if not damaged significantly) and one sign was loose that will be tightened.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 25-23-02, Radioactive Storage RR Cars, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
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 25-99-16, USW G3

Inspection Date and Time: 12/17/07 1030

Reason for Inspection: ANNUAL

Date of Last Post-Closure Inspection: None

Reason for Last Post-Closure Inspection: ANNUAL

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: M. L. FLOYD

Title: Field Technical Coord

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?

X

2. Have the previous inspection reports been reviewed?

X

3. Were anomalies or trends detected on previous inspections?

X

4. Were maintenance or repairs performed since last inspection?

X

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

NA
X

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?

X

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

X

c. Are all use restriction signs legible?

X

d. How many signs need to be replaced?

N/A

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?			
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: <i>This location was found to be in good condition</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: /s/ Glenn Richardson		Date: 12/17/07	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Maintenance records

CAU 204: STORAGE BUNKERS

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 1/16/08 12:50 PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/3/07

Reason for Last Post-Closure Inspection: Annual

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Robert Green

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)
☒	☐	
☒	☐	
☐	☒	
☐	☒	

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?			
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: <i>The use restriction signs are legible, T-posts stable, and in good condition. There are no maintenance/repairs necessary at this site.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 01-34-01, Underground Inst. House Bunker, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 1/16/08	
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: <i>1/16/08 1:14 PM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>1/4/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Robert Green</i>	Title: <i>Field Technical Lead</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 use restriction signs damaged or missing?
☒	☐	c. Are all use restriction signs legible?
<i>0</i>		d. How many signs need to be replaced?
2. Use-restricted area:		
☐	☒	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?			
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: <i>The use restriction signs are legible, in tact, and undamaged around the instrument bunker. Overall site conditions are good and do not require a corrective action.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 02-34-01, Instrument Bunker, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 1/16/08	
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: <u>1/16/08 2:07 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>1/3/07</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Robert Green</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 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 use restriction signs damaged or missing?
☒	☐	c. Are all use restriction signs legible?
0		d. How many signs need to be replaced?
2. Use-restricted area:		
☐	☒	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?			
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: <i>The use restriction signage and t-posts are in excellent condition. There are no follow-up actions required.</i>			
<i>no</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: /s/ Glenn Richardson	Date: 1/16/08
Printed Name: Glenn Richardson	Title: Task Manager

POST-CLOSURE INSPECTION CHECKLIST**CAU 204: STORAGE BUNKERS - CAS 05-18-02, CHEMICAL EXPLOSIVES STORAGE**Inspection Date and Time: **12/17/07 1600**Reason for Inspection: **ANNUAL**Date of Last Post-Closure Inspection: **1/4/07**Reason for Last Post-Closure Inspection: **ANNUAL**

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: **Gleann Richardson**Title: **TASK MANAGER**Assistant Inspector: **M.H. Floyd**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 13 use restriction signs damaged or missing?

☐☒

d. Are all use restriction signs legible?

☒☐

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

☒**12/17**

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?	X		
h. How many RMA signs need to be replaced?	N/A		
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		X	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?		X	
If yes, how many photos were taken?			
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?		X	
2. Are existing maintenance/repair actions satisfactory?	X		
3. Is other maintenance/repair necessary?		X	
4. Field conclusions/recommendations: <i>This location was found to be in good condition. Lite housekeeping could be performed as a B.M.P. Due to a potential oversight during site de-mob. (T-Post's / DRUM).</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 05-18-02, Chemical Explosives Storage, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/17/07	
Printed Name: Glenn Richardson		Title: Task Manager	

POST-CLOSURE INSPECTION CHECKLIST**CAU 204: STORAGE BUNKERS - CAS 05-33-01, KAY BLOCKHOUSE**

Inspection Date and Time: <i>12/17/07 1545</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>1/4/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Glenn Richardson</i>	Title: <i>TASK MANAGER</i>
Assistant Inspector: <i>M. L. FLORES</i>	Title: <i>Field Technical Lead</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

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?	<i>N/A</i>		
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?	X		
h. How many RMA signs need to be replaced?	N/A		
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		X	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?		X	
If yes, how many photos were taken?			
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?		X	
2. Are existing maintenance/repair actions satisfactory?	X		
3. Is other maintenance/repair necessary?		X	
4. Field conclusions/recommendations: <u>This location was found to be in good condition</u>			
F. CERTIFICATION			
I have conducted an inspection of CAS 05-33-01, Kay Blockhouse, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson	Date: 12/17/07		
Printed Name: Glenn Richardson	Title: Task Manager		

CAU 214: BUNKERS AND STORAGE AREAS

POST-CLOSURE INSPECTION CHECKLIST

**CAU 214: BUNKERS AND STORAGE AREAS - CAS 25-23-01, CONTAMINATED MATERIALS
CAS 25-23-19, RADIOACTIVE MATERIALS STORAGE**

Inspection Date and Time: 12/13/07 1440Reason for Inspection: ANNUALDate of Last Post-Closure Inspection: NoneReason for Last Post-Closure Inspection: ANNUAL

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Clean RichardsonTitle: TASK MANAGERAssistant Inspector: M. L. 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 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.

☐☐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. 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?

☒☐

N/A

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

☐☒

POST-CLOSURE INSPECTION CHECKLIST**CAU 214: BUNKERS AND STORAGE AREAS - CAS 25-23-01, CONTAMINATED MATERIALS
CAS 25-23-19, RADIOACTIVE MATERIALS STORAGE**

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?	☐	☐	N/A
If yes, how many photos were taken?	☐	☐	
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: <i>Both CAS locations were found to be in good condition</i>			
F. CERTIFICATION			
I have conducted an inspection of CASs 25-23-01, Contaminated Materials, and 25-23-19, Radioactive Materials Storage, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

- ☐ Maintenance records
- ☒ Field Notes

TITLE

Work continued from Page 22

PROJECT NO.

BOOK NO.

23

CAS 25-27-03 Discovered that CAU 528 has multiple use restriction areas within and near Test Cell C complex. Three large signs need to be rehung and/or reinstalled. Leaving CAU 528 sites at 11:07 AM.

5 CAU 529

CAS 25-23-17 Arrived @ the site at 11:11 AM. The wire fencing is strung ~~light~~^{RP} tightly and in good condition. 1 UR sign needs to be rehung. The remaining UR signs are not damaged and in good condition. Leaving the site at 11:15 AM. Heading to Mercury for Lunch.

10

CAU 168

CAS 25-16-03 Arrived @ the site at 2:08 PM. The wire rope fencing and UR signage are in good condition. The landfill cover shows no sign of erosion. Rip rap along the south and west sections of the landfill are in great condition. There are no follow-up actions required at this site. Leaving CAU 168 MX Landfill at 2:19 PM.

15

CAU 165

CAS 25-20-01 Arrived @ the site at 2:30 PM. The T-posts and signage are in excellent condition. This site has no issues or concerns. Leaving the site at 2:34 PM.

20

CAU 214

CAS 25-23-19/CAS 25-23-01 Arrived @ the sites at 2:36 PM. The fencing and UR signage are in good condition. There is no sign of intrusion in use-restricted areas. There are no actions warranted at these sites. Leaving the two sites at 2:40 PM.

25

SIGNATURE /s/ Glenn Richardson		DATE 12/13/07	
DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE

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

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

Inspection Date and Time: <i>12/17/07 1625</i>	Reason for Inspection: <i>ANNUAL</i>
Date of Last Post-Closure Inspection: <i>12/19/06</i>	Reason for Last Post-Closure Inspection: <i>ANNUAL</i>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>M.L. FLORES</i>	Title: <i>Field Technical Lead</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?	<i>X</i>		
2. Have the previous inspection reports been reviewed?	<i>X</i>		
3. Were anomalies or trends detected on previous inspections?		<i>X</i>	
4. Were maintenance or repairs performed since last inspection?		<i>X</i>	

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?		<i>X</i>	
b. Are any of the "Underground Radioactive Material" signs damaged or missing?		<i>X</i>	
c. Are all "Underground Radioactive Material" signs legible?	<i>X</i>		
d. How many signs need to be replaced?	<i>N/A</i>		
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		<i>X</i>	

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?		X	
If yes, how many photos were taken?			
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?		X	
2. Are existing maintenance/repair actions satisfactory?	X		
3. Is other maintenance/repair necessary?		X	
4. Field conclusions/recommendations: <i>This location was found to be 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: /s/ Glenn Richardson

Date: 12/17/07

Printed Name: Glenn Richardson

Title: Task Manager

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

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 12/13/07 1550

Reason for Inspection: ANNUAL

Date of Last Post-Closure Inspection: 12/19/06

Reason for Last Post-Closure Inspection: ANNUAL

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: TASK MANAGER

Assistant Inspector:

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?	X		
2. Have the previous inspection reports been reviewed?	X		
3. Were anomalies or trends detected on previous inspections?		X	
4. Were maintenance or repairs performed since last inspection?	X	X	Maintenance was completed in Jan. 2007.
a. If yes, obtain a copy of maintenance records and attach to checklist.		NA	Degree of maintenance was very minor. E-mail verification of maintenance completion is available in lieu of maintenance records.

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?	X		
e. How many signs need to be replaced?	N/A		

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?		X	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?		X	
If yes, how many photos were taken?			
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?		X	
2. Are existing maintenance/repair actions satisfactory?	X		
3. Is other maintenance/repair necessary?		X	
4. Field conclusions/recommendations: <i>This location was found to be in good condition.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 25-05-01, Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Maintenance records

CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP

POST-CLOSURE INSPECTION CHECKLIST

CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP
CAS 25-02-06, UNDERGROUND STORAGE TANK & CAS 25-05-06, LEACHFIELD

Inspection Date and Time: 12/13/07 1450

Reason for Inspection: ANNUAL

Date of Last Post-Closure Inspection: 12/19/06

Reason for Last Post-Closure Inspection: ANNUAL

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: M.L. Floyd

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?

X

2. Have the previous inspection reports been reviewed?

X

3. Were anomalies or trends detected on previous inspections?

X

4. Were maintenance or repairs performed since last inspection?

X

X MSF completed 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 (CAS 25-02-06):

YES NO EXPLANATION (required if shaded box is checked)

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

X

b. Is either of the 2 use restriction signs damaged or missing?

X

c. Are all use restriction signs legible?

X

d. How many signs need to be replaced?

X/A

2. Use-restricted area (CAS 25-02-06):

YES NO EXPLANATION (required if shaded box is checked)

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

X

POST-CLOSURE INSPECTION CHECKLIST

CAU 262: AREA 25 SEPTIC SYSTEMS AND UDP
CAS 25-02-06, UNDERGROUND STORAGE TANK & CAS 25-05-06, LEACHFIELD

3. Site markers (CAS 25-05-06):	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?	N/A		
4. Use-restricted area (CAS 25-05-06):	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?			
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: Both locations were found to be in good condition.			
F. CERTIFICATION			
I have conducted an inspection of CASs 25-02-06, Underground Storage Tank, and 25-05-06, Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
Printed Name: Glenn Richardson		Title: Tech Manager	

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <u>12/13/07 1558</u>	Reason for Inspection: <u>MSF 2555 ANNUAL</u>
Date of Last Post-Closure Inspection: <u>12/19/06</u>	Reason for Last Post-Closure Inspection: <u>ANNUAL</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Mike Floyd</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)
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1. Has the Post-Closure Plan been reviewed?	X		
2. Have the previous inspection reports been reviewed?	X		
3. Were anomalies or trends detected on previous inspections?		X	
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?		X	NA
b. If yes (to 4a), are revised as-built plans available that reflect repair changes?			NA
X

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?		X	
b. Have any posts been damaged or their anchoring weakened?		X	
c. Are any of the use restriction signs damaged or missing?		X	
d. Are all use restriction signs legible?	X		

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?		N/A	
2. Waste unit cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		X	
b. Is there evidence of erosion (wind or water)?		X	
c. Is there evidence of human intrusion into the cover?		X	
d. Is there evidence of large animal intrusion into the cover?		X	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?		X	
If yes, how many photos were taken?			
If yes, has a photographic log been prepared?			Log number:
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)		X	
Date reported: _____			
Person/Agency to whom report was made:			
2. Are more frequent inspections required?		X	
3. Are existing maintenance/repair actions satisfactory?	X		
4. Is other maintenance/repair necessary?		X	
5. Field conclusions/recommendations: <i>This location was found to be in good condition</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 25-05-03, Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
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: 12/13/07 1035

Reason for Inspection: ANNUAL

Date of Last Post-Closure Inspection: 12/19/06

Reason for Last Post-Closure Inspection: ANNUAL

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: TASK MANAGER

Assistant Inspector: Mike FLOYD

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

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?		X	
b. Have any posts been damaged or their anchoring weakened?		X	
c. Are any of the use restriction signs damaged or missing?	X		SAN ON GATE IS DOWN/MISSING
d. Are all use restriction signs legible?	X		

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?		1	SIGN ON Gate IS DOWN
2. Waste unit cover:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of settling?		X	
b. Is there evidence of erosion (wind or water)?		X	
c. Is there evidence of human intrusion into the cover?		X	
d. Is there evidence of large animal intrusion into the cover?		X	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?			N/A
If yes, how many photos were taken?			
If yes, has a photographic log been prepared?			Log number:
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)		X	
Date reported: _____			
Person/Agency to whom report was made:			
2. Are more frequent inspections required?		X	
3. Are existing maintenance/repair actions satisfactory?	X		
4. Is other maintenance/repair necessary?	X		Re-hang Gate Sign
5. Field conclusions/recommendations: 1 (Gate) sign needs to be Re-Installed.			
F. CERTIFICATION			
I have conducted an inspection of CAS 25-05-08, Radioactive Leachfield, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
Printed Name: Glenn Richardson		Title: Task Manager	

CAU 271: AREAS 25, 26, AND 27 SEPTIC SYSTEMS

POST-CLOSURE INSPECTION CHECKLIST

CAU 271: AREAS 25, 26, AND 27 SEPTIC SYSTEMS - CAS 27-05-02, LEACHFIELD

Inspection Date and Time: 1/23/08 9:13AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/18/07

Reason for Last Post-Closure Inspection: Annual

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Robert Green

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 4 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 271: AREAS 25, 26, AND 27 SEPTIC SYSTEMS - CAS 27-05-02, 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?			
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: <i>The use restriction signs and T-posts are in excellent condition. There is no evidence of intrusion at this site. Therefore, no follow-up actions are required.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 27-05-02, 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: <i>/s/ Glenn Richardson</i>		Date: <i>1/23/08</i>	
Printed Name: <i>Glenn Richardson</i>		Title: <i>Task Manager</i>	

CAU 309: AREA 12 MUCKPILES

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: 2/12/08 10:27 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: None

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Reed Poderis

Title: Deputy Project Manager - Ind. Sites

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?		☒	<u>This is the first annual post closure inspection by NSTec ER.</u>
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):

	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>Noticed a few radiological signs that need replacement. UR signs are in good condition.</u>
c. Are all use restriction signs legible?	☒		
d. How many signs need to be replaced?	<u>0</u>		

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

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

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 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		
3. Site markers (CAS 12-28-01):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☒	☐	
b. Are any of the 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?	Approx. 5		CAS 12-06-09 - Approx. 3 CAS 12-08-02 - " 2
If yes, has a photographic log been prepared?	☐	☒	Log number: <i>Photos are logged electronically on the ER shared drive under CAU 309.</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?	☒	☐	<i>Radiological signs will need repair and/or replacement.</i>
4. Field conclusions/recommendations: <i>Overall site conditions are good for all CAU 309 sites. The use restriction signs are in tact and in excellent condition. Noticed a few radiological signs that need replacement and/or repair. However, corrective actions will be performed either by ER construction or Radcon demarcation group.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 12-06-09, Muckpile, CAS 12-08-02, CWD, and CAS 12-28-01, I, J, and K-Tunnel Debris, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 2/12/08	
Printed Name: Glenn Richardson		Title: Task Manager	

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

POST-CLOSURE INSPECTION CHECKLIST

CAU 322: AREAS 1 & 3 RELEASE SITES AND INJECTION WELLS CAS 01-25-01, AST RELEASE

Inspection Date and Time: <u>12/10/07</u> <u>2:10 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>1/3/07</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Brian Konrad</u>	Title: <u>ER Field Operations Manager</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

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 4 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 322: AREAS 1 & 3 RELEASE SITES AND INJECTION WELLS
CAS 01-25-01, AST RELEASE**

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?			
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: <i>The wire rope fencing and use restriction signage are in excellent condition. There is no evidence of intrusion at the site. No follow-up action is required.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 01-25-01, AST Release, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/10/07	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Maintenance records

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <i>12/10/07 2:22 PM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>1/3/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Brian Konrad</i>	Title: <i>ER Field Operations Manager</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

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?	<i>0</i>		

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?			
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: <i>The use restriction signage around the injection well and near the Post Shot yard structure are in good condition. There are no issues or concerns at this site.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 03-20-05, Injection Wells, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/10/07	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Maintenance records

POST-CLOSURE INSPECTION CHECKLIST**CAU 322: AREAS 1 & 3 RELEASE SITES AND INJECTION WELLS
CAS 03-25-03, MUD PLANT AST DIESEL RELEASE**

Inspection Date and Time: <i>12/10/07 2:32 PM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>1/3/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Brian Konrad</i>	Title: <i>ER Field Operations Manager</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

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?	<i>0</i>		

POST-CLOSURE INSPECTION CHECKLIST

CAU 322: AREAS 1 & 3 RELEASE SITES AND INJECTION WELLS CAS 03-25-03, MUD PLANT AST DIESEL RELEASE

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?			
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: <i>The use restriction signs and fencing are in good condition. There is no evidence of intrusion and no issues or concerns that warrant attention.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 03-25-03, AST Release, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/10/07	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Maintenance records

**CAU 335: AREA 6 INJECTION WELL AND DRAIN
PIT**

POST-CLOSURE INSPECTION CHECKLIST

**CAU 335: AREA 6 INJECTION WELL AND DRAIN PIT
CAS 06-20-02, 20-INCH CASED HOLE & CAS 06-23-03, DRAIN PIT**

Inspection Date and Time: <i>12/10/07 2:42 PM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>1/3/07</i>	Reason for Last Post-Closure Inspection: <i>Annual</i>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Brian Konrad</i>	Title: <i>ER Field Operations Manager</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>On previous inspections, signs have had to be replaced due to high wind damage.</i>
4. Were maintenance or repairs performed since last inspection?	☒	<i>Since the last inspection, new sign and T-post installations were completed on 9/19/07.</i>
a. If yes, obtain a copy of maintenance records and attach to checklist.	☒	<i>NA Maintenance records such as the work pkg. cover sheet, traveler, PTHR, and daily field report are attached.</i>

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 06-20-02, north of Road 6-06):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?	☐	☒	
b. Are any of the 6 use restriction signs damaged or missing?	☐	☒	
c. Are all use restriction signs legible?	☒	☐	
d. How many signs need to be replaced?	☐	☐	<i>0</i>

POST-CLOSURE INSPECTION CHECKLIST

CAU 335: AREA 6 INJECTION WELL AND DRAIN PIT CAS 06-20-02, 20-INCH CASED HOLE & CAS 06-23-03, DRAIN PIT

2. Use-restricted area (CAS 06-20-02, north of Road 6-06):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
3. Site markers (CAS 06-20-02, south of Road 6-06):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the 36 use restriction signs damaged or missing?	✓		Approx. 10 small signs need to be replaced. 1 large sign is missing and needs replacement.
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	Approx. 11		
4. Use-restricted area (CAS 06-20-02, south of Road 6-06):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
5. Site markers (CAS 06-23-03):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have any posts been damaged or their anchoring weakened?		✓	
b. Are any of the 8 use restriction signs damaged or missing?		✓	
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?	0		
6. Use-restricted area (CAS 06-23-03):	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		✓	
7. Photograph Documentation:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Have photographs been taken of the sites?	✓		
If yes, how many photos were taken?	3		
If yes, has a photographic log been prepared?			Log number: Photos are logged electronically on the ER shared drive under CAU 335.
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?	✓		Due to high wind conditions in the UR area, approx. 11 signs need to be replaced.
4. Field conclusions/recommendations: The majority of the UR signs and posts are in good condition; however, approximately 10 small signs and 1 large sign needs to be replaced, south of (CAS 06-20-02) Rd. 6-06. Maintenance/repairs are necessary at this site.			

POST-CLOSURE INSPECTION CHECKLIST**CAU 335: AREA 6 INJECTION WELL AND DRAIN PIT
CAS 06-20-02, 20-INCH CASED HOLE & CAS 06-23-03, DRAIN PIT****F. CERTIFICATION**

I have conducted an inspection of CAU 335, Area 6 Injection Well and Drain Pit (both CASs), in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/ Glenn Richardson

Date: 12/10/07

Printed Name: Glenn Richardson

Title: Task Manager

Attachments (check if attached):

- ☒ Maintenance records
- ☒ Photos
- ☒ Field notes

**CAU 335, AREA 6 INJECTION WELL AND DRAIN PIT
CAS 06-20-02, 20-INCH CASED HOLE**

12/10/2007

12/10/2007

CAU 335, AREA 6 INJECTION WELL AND DRAIN PIT
CAS 06-23-03, DRAIN PIT

12/10/2007

The site has no issues or concerns that warrant attention.
Leaving the site at 2:35 PM.

CAY 335

CAS 06-23-03 Arrived @ the site at 2:42 PM. Drove around the
posted area to determine the UR signage and t-posts ~~are~~ ~~are~~ in
good condition. No issues or concerns at this site.

CAS 06-20-02 Arrived @ the site at 2:47 PM. Drove around the
fenced area and noticed approx. 300 ft. of fencing repair that
is necessary on the west side of the fenced area. Also,
approx. 10 small signs and 1 large sign need to be replaced.
Note: Fenced area is not associated with CAS 06-20-02 except for
providing a boundary marker for the equipment staging/storage area.
As a result, fencing repair is not required as a post closure requirement,
but may be conducted as a best management practice. Leaving the
site at 3:05 PM.

/s/ Glenn Richardson

12/11/07

Non-RCRA Site Inspection of the CAY 005 site in Area 20.

CAY 005

CAS 20-15-01 - A site inspection was performed by the ER
Field Ops. Manager on the afternoon of 12/11/07. The site
contains T-posts with six (6) use restriction signs. The
site appeared to be in excellent condition. There was no
damage to the signage or T-posts.

/s/ Glenn Richardson

SIGNATURE /s/ Glenn Richardson

DATE

DISCLOSED TO AND UNDERSTOOD BY

DATE

WITNESS

DATE

12/11/07

ER FIELD OPERATIONS DAILY REPORT

Wednesday, September 19, 2007

ER FY07 SAFETY STATISTICS

For FY07, ER has worked 206 consecutive work days (115,190 hours) without a lost time accident.

ER has worked 1,793 consecutive work days (862,210 hours) without a lost time accident.

CAU 335: Post-Closure Monitoring

TM: Glenn Richardson

TL: Kevin Olsen

SS: Merl Schwartzwalter

SCOPE OF WORK:

Install posts and use restriction signs at CAU 335

ACCOMPLISHMENTS:

- Installed 16 posts and 8 use restriction signs at CAU 335

STATUS:

CAU 335:

- Install posts and use restriction signs: 100%

ISSUES AND RESOLUTIONS:

None

UPCOMING ACTIVITIES

None

FIELD SCHEDULE:

Field activities are complete

NSTec

TRAVELER

1. Work Package No.: ENV-07-PCM-0142 2. Work Package Type: 1 ☐ 2 ☐ 3 ☒
(check one)

3. Organization: NSTec, 06-26-07

SECTION I – DESCRIPTION OF WORK (Prepared by work planner)

4. Description of work/activity to be performed:

Various sites around the NTS will require fieldwork including mobilization activities, removing HWAA(s), Decon Pad(s), repairing fencing and signs, and other non-intrusive activities.

5. Area/Building: NTS / Post Closure Sites

Specific Location: Various

6. Requested Start Date: 06-26-07

Forecast End Date: 06-25-08

7. Do other employees in this facility need protection from the hazards of this work? ☐ Yes ☒ No

If "YES", identify:

8. Permits Required? ☒ Yes ☐ No

LO/TO Required? ☐ Yes ☒ No

9. Permit Types: Excavation / Penetration Permit (as required)

10. Other Requirements: See Work Package

/s/ M

11. Work Supervisor (Print Name/Sign): Merl Schwartzwalter

Schwartzwalter

7-3-07

Phone/Pager: 5-6807

SECTION II – WORK AUTHORIZATION (Completed by facility owner or designee)

12. Point of Contact: (Name/Phone/Pager No.) Brian Konrad / 5-1240 / 4-6084

13. Access requirements have been met? ☒ Yes ☐ N/A

14. Pertinent hazards and controls for this work have been communicated to co-located work groups. ☒ Yes ☐ N/A

15. **AUTHORIZATION TO PERMIT WORK** – Work is within facility safety envelope and facility configuration determined. Work is authorized for these time periods, facility is ready to accept work, and work is deconflicted.

Start Date	Start Time	End Date	End Time	Print Facility Owner or Designee/Phone No.	Signature
7-2-07	0700	7-2-08	1630	Jeff Smith 5-3229	see original

16. Comments: see original

RadCon Concurrence: ☒

Date: 7/3/07

SECTION III – FINAL STATUS/END OF WORK

17. Work is completed. Area is clean and safe. Post work verification is completed.

Name (work supervisor or designee)

Signature

Date

18. Applicable activity/work is accepted and Traveler is closed.

Name (Facility Owner/Facility Manager (FO/FM) or designee)

Signature

Date

NSTec

WORK PACKAGE COVER SHEET

Work Package No.: ENV-07-Post Closure Monitoring-0142

Work Package Type: ☒ 1 Construction ☐ 2 ☐ 3 ☐ 4
(check one)

Organization: NSTec Construction, 06-26-07

Construction
Document Control Center
Controlled Copy
(This is a Red Stamp)

SECTION I - DESCRIPTION OF WORK

Description of work/activity to be performed: The scope of work for this work package requires construction to perform various site restoration activities including mobilization/demobilization activities, removing HWAA(s) and Decon Pad(s), repairing/modifying/installing fencing and signs, and other non-intrusive activities at various ER, Post Closure Monitoring sites as required.

Area/Building: NTS / Post Closure Sites

Specific Location: Various

Requested Start Date: 06-26-07

Forecast End Date: 06-25-08

Work Package Preparer: John Griffin /s/ JS

Date: 7-3-07

Work Supervisor: Merl Schwartzwalter /s/ M Schwartzwalter

Date: 7-3-07

SECTION II - APPROVALS

John Griffin /s/ J Griffin	<u>7-3-07</u>	<u>N/A</u>	
Work Package Preparer	Date	Specify Other <u>ER Tech Lead</u>	Date
N/A		<u>see original</u>	<u>7-3-07</u>
Safety Professional	Date	Specify Other <u>ER FOM</u>	Date
Merl Schwartzwalter /s/ M Schwartzwalter	<u>7-3-07</u>	<u>see original</u>	<u>7/3/07</u>
Work Supervisor	Date	Specify Other <u>RadCon</u>	Date
Tom Thiele <u>see original</u>	<u>7-3-07</u>	<u>see original</u>	<u>7/3/07</u>
Department Manager	Date	Specify Other <u>EB Safety</u>	Date
<u>see original</u>	<u>7-3-07</u>	<u>/s/ Glenn Richardson</u>	<u>7/3/07</u>
Facility Owner	Date	Specify Other <u>ER Task Manager</u>	Date

SECTION III - COMMENTS

SECTION IV - FINAL STATUS/END OF WORK

Work is completed. Area is clean and safe.

Name (work supervisor or designee)

Signature

Date

PRE-TASK HAZARD REVIEW

03/28/07
Rev. 01
Page 4 of 4

Part 7: ASSIGNED PERSONNEL SIGN OFF FOR WORK

I HAVE BEEN BRIEFED ON AND UNDERSTAND THE WORK PACKAGE AND THIS PRETASK HAZARD REVIEW AND I HAVE THE TRAINING QUALIFICATIONS/CERTIFICATIONS BASED ON THE SCOPE OF WORK

Employee Signature: see original	Employee No.: 182035	Date: 7-5-07
Employee Signature: see original	Employee No.: 184984	Date: 2-5-02
Employee Signature: see original	Employee No.: 185947	Date: 7-5-07
Employee Signature: see original	Employee No.: 186206	Date: 7-8-07
Employee Signature: see original	Employee No.: 186270	Date: 5 JUL 97
Employee Signature: see original	Employee No.: 185951	Date: 7-05-07
Employee Signature: see original	Employee No.: 184830	Date: 7-05-07
Employee Signature: see original	Employee No.: 183292	Date: 7-5-07
Employee Signature: see original	Employee No.: 185529	Date: 7-5-07
Employee Signature: see original	Employee No.: 184762	Date: 7/12/07
Employee Signature: see original	Employee No.:	Date:
Employee Signature: see original	Employee No.: 184762	Date: 7/11/07
Employee Signature: see original	Employee No.:	Date:
Employee Signature: see original	Employee No.: 184762	Date: 7/10/07
Employee Signature: see original	Employee No.:	Date:
Employee Signature: see original	Employee No.: 184762	Date: 7/9/07
Employee Signature: see original	Employee No.:	Date:
Employee Signature: see original	Employee No.: 184762	Date: 7/14/07
Employee Signature: see original	Employee No.:	Date:
Supervisor's Signature: see original	Employee No.:	Date:

Comments: see original

see original

see original

see original

see original

see original

see original

see original

see original

186206 7-17-07

184783

185947

7-17-07

185947

7-18-07

186206

7-18-07

184783

7-18-07

186206

7-26-07

185975

7-26-07

184829

7-26-07

186206

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

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: 12/10/07 1:40 PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: 1/3/07

Reason for Last Post-Closure Inspection: Annual

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Brian Konrad

Title: ER Field Operations 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 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?

✓

As a result of the last inspection, damaged T-posts were replaced and wire rope restrung in damaged area.

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?

0

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?	☐	☒	
If yes, how many photos were taken?			
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: <i>The fencing, t-posts, and use restriction signage are in good condition. There are no corrective actions necessary at this site.</i>			
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/ Glenn Richardson		Date: 12/10/07	
Printed Name: Glenn Richardson		Title: Task Manager	

**CAU 342: AREA 23 MERCURY FIRE TRAINING
PIT**

POST-CLOSURE INSPECTION CHECKLIST

**CAU 342: AREA 23 MERCURY FIRE TRAINING PIT
CAS 23-56-01, FORMER MERCURY FIRE TRAINING PIT**

Inspection Date and Time: <u>1/23/08 2:38 PM</u>	Reason for Inspection: <u>Semi-Annual</u>
Date of Last Post-Closure Inspection: <u>7/3/07</u>	Reason for Last Post-Closure Inspection: <u>Semi-Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Robert Green</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 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?	<u>0</u>		

POST-CLOSURE INSPECTION CHECKLIST

CAU 342: AREA 23 MERCURY FIRE TRAINING PIT
CAS 23-56-01, FORMER MERCURY FIRE TRAINING PIT

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☒	☐	
b. What is the condition of the monitoring well and cover (cracked, tilted, etc.)?	The monitoring well and cover appear to be in good condition. No evidence of physical damage was noticed. Small cracks noted on concrete pad around well and cover.		
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?	☐	☒	
If yes, how many photos were taken?			
If yes, has a photographic log been prepared?	☐	☐	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: The use restriction signage and fencing are in excellent condition. Verified the contact information and phone was accurate for use. There are no follow-up actions required at this site.			
F. CERTIFICATION			
I have conducted an inspection of CAS 23-56-01, Former Mercury Fire Training Pit, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 1/23/08	
Printed Name: Glenn Richardson		Title: Task Manager	

POST-CLOSURE INSPECTION CHECKLIST

CAU 342: AREA 23 MERCURY FIRE TRAINING PIT
CAS 23-56-01, FORMER MERCURY FIRE TRAINING PIT

Inspection Date and Time: 7/3/07 1330	Reason for Inspection: Semi-annual
Date of Last Post-Closure Inspection: 12/28/06	Reason for Last Post-Closure Inspection: Semi-annual
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: Mik FIOYO	Title: FTL
Assistant Inspector: Glenn Richardson	Title: TABLE 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 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. 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?	☒	☐	

POST-CLOSURE INSPECTION CHECKLIST

CAU 342: AREA 23 MERCURY FIRE TRAINING PIT
CAS 23-56-01, FORMER MERCURY FIRE TRAINING PIT

2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?	☒	☐	
b. What is the condition of the monitoring well and cover (cracked, tilted, etc.)?	Some Slight Surface Cracks noted on concrete pad around well & cover. NO ISSUES		
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:
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: The Fence, Sign & Gate and all General Site area were found to be in good Condition.			
F. CERTIFICATION			
I have conducted an inspection of CAS 23-56-01, Former Mercury Fire Training Pit, 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/ Mike Floyd		Date: 7/3/07	
Printed Name: M. L. Floyd		Title: EIC	

CAU 357: MUD PITS AND WASTE DUMP

POST-CLOSURE INSPECTION CHECKLIST**CAU 357: MUD PITS AND WASTE DUMPS - CAS 04-26-03, LEAD BRICKS**

Inspection Date and Time: <u>1/23/08</u> <u>9:58 AM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>1/4/07</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Robert Green</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 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?			
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: <i>The use restriction signs and radiological postings are stout and in great condition. The site is within a radioactive material area. No corrective action is required at this site.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 04-26-03, Lead Bricks, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson	Date: 1/23/08		
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: <u>1/16/08 3:55 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>1/4/07</u>	Reason for Last Post-Closure Inspection: <u>Annual</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Robert Green</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)
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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 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:			
a. Is there evidence of human intrusion onto the site?		✓	

POST-CLOSURE INSPECTION CHECKLIST

CAU 357: MUD PITTS 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?			
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: *The yellow wire strand fencing is in excellent condition. The use restriction signs are legible and intact. This site has no issues or concerns.*

F. CERTIFICATION

I have conducted an inspection of CAS 10-09-06, Mud Pit; Stains; Material, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/ Glenn Richardson

Date: 1/16/08

Printed Name: Glenn Richardson

Title: Task Manager

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

Inspection Date and Time: <u>12/13/07 1630</u>	Reason for Inspection: <u>ANNUAL</u>
Date of Last Post-Closure Inspection: <u>12/19/06</u>	Reason for Last Post-Closure Inspection: <u>ANNUAL</u>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Truck Manager</u>
Assistant Inspector: <u>M. L. Floyd</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)
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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?	<u>N/A</u>		
2. Use-restricted area:	YES	NO	EXPLANATION (required if shaded box is checked)
a. Is there evidence of human intrusion onto the site?		☒	

POST-CLOSURE INSPECTION CHECKLIST**CAU 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?		X	
If yes, how many photos were taken?			
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?		X	
2. Are existing maintenance/repair actions satisfactory?	X		
3. Is other maintenance/repair necessary?		X	
4. Field conclusions/recommendations: <i>This location was found to be in good condition.</i>			

F. CERTIFICATION	
I have conducted an inspection of CAS 25-15-01, Waste Dump, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.	
Chief Inspector's Signature: /s/ Glenn Richardson	Date: 12/13/07
Printed Name: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>

CAU 383: AREA 12 E-TUNNEL SITES

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 2/12/08 11:26 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: None

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Reed Poderis

Title: Deputy Project Manager - Ind. Sites

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?

☒

This is the first annual inspection performed as a post closure monitoring site.

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 11 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 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: <i>Photos are logged electronically on the ER shared drive under CAU 383.</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?	☐	☒	N/A
3. Is other maintenance/repair necessary?	☐	☒	
4. Field conclusions/recommendations: <i>The use restriction signage and radiological postings are in excellent condition. There are no corrective actions required at these sites.</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/ Glenn Richardson	Date: 2/12/08		
Printed Name: Glenn Richardson	Title: Task Manager		

**CAU 528: POLYCHLORINATED BIPHENYLS
CONTAMINATION**

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: <i>12/13/07 1030</i>	Reason for Inspection: <i>ANNUAL</i>
Date of Last Post-Closure Inspection: <i>None</i>	Reason for Last Post-Closure Inspection: <i>ANNUAL</i>
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Glenn Richardson</i>	Title: <i>TASK MANAGER</i>
Assistant Inspector: <i>Mike Flory</i>	Title: <i>Field Technical Lead</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

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?	☒	☐	<i>3 signs need to be Re-installed</i>

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?		X	
3. Photograph Documentation (optional):	YES	NO	EXPLANATION
a. Have photographs been taken of the site?			N/A
If yes, how many photos were taken?			
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?		X	
2. Are existing maintenance/repair actions satisfactory?			YES
3. Is other maintenance/repair necessary?	X	YES	See Field Recommendations
4. Field conclusions/recommendations: <u>Site was found to be in Good Condition,</u> <u>3 Signs Need to be Re-Installed.</u>			
F. CERTIFICATION			
I have conducted an inspection of CAS 25-27-03, Polychlorinated Biphenyls Surface Contamination, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
Printed Name: Glenn Richardson		Title: Task Manager	

Attachments (check if attached):

☐ Maintenance records

CAU 529: AREA 25 CONTAMINATED MATERIALS

POST-CLOSURE INSPECTION CHECKLIST**CAU 529: AREA 25 CONTAMINATED MATERIALS
CAS 25-23-17, CONTAMINATED WASH, PARCELS E & H**Inspection Date and Time: 12/13/07 11:11 AMReason for Inspection: AnnualDate of Last Post-Closure Inspection: 11/10/07Reason for Last Post-Closure Inspection: Annual

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

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 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 (Parcel E):

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 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 (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?	✓		One use restriction is down and potentially damaged.
c. Are all use restriction signs legible?	✓		
d. How many signs need to be replaced?		1	If the one UR sign is damaged, it will need to be replaced.
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?			
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?	✓		One sign in the Parcel H UR area will need replacement if it can be rehung firmly.
4. Field conclusions/recommendations: The wire fencing is strung very tightly and is in good condition. One of the use restriction signs in Parcel H is down possibly due to high wind conditions in the area. A corrective action is necessary to rehang or replace the sign.			
F. CERTIFICATION			
I have conducted an inspection of CAS 25-23-17, Contaminated Wash Parcels E & H, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 12/13/07	
Printed Name: Glenn Richardson		Title: Task Manager	

CAU 542: DISPOSAL HOLES

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

Inspection Date and Time: <u>1/16/08 2:00 PM</u>	Reason for Inspection: <u>Annual</u>
Date of Last Post-Closure Inspection: <u>None</u>	Reason for Last Post-Closure Inspection:
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <u>Glenn Richardson</u>	Title: <u>Task Manager</u>
Assistant Inspector: <u>Robert Green</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)
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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:		
☐	☒	
☐	☒	<u>Noticed one (1) use restriction sign is down at CAS 03-20-07 that needs to be re-installed.</u>
☒	☐	
☐	☐	<u>One (1) sign needs to be rehung.</u>

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?			
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?	✓		Rehang one use restriction sign.
4. Field conclusions/recommendations: <i>The use restriction signs are legible and intact. One (1) sign was discovered down that will need to be rehung.</i>			

F. CERTIFICATION

I have conducted an inspection of CAS 03-20-07, UD-3a Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/ Glenn Richardson

Date: 1/16/08

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: <i>1/16/08 2:00 PM</i>	Reason for Inspection: <i>Annual</i>
Date of Last Post-Closure Inspection: <i>None</i>	Reason for Last Post-Closure Inspection:
Responsible Entity: NSTec Environmental Restoration, Nevada Test Site, Mercury, Nevada	
Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration	
Chief Inspector: <i>Glenn Richardson</i>	Title: <i>Task Manager</i>
Assistant Inspector: <i>Robert Green</i>	Title: <i>Field Technical Lead</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)
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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?
☒	☐	c. Are all use restriction signs legible?
☐	☐	d. How many signs need to be replaced?

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?			
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: <i>Overall site conditions at this site are excellent. There are no corrective actions required.</i>			

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/ Glenn Richardson	Date: 1/16/08
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: 1/16/08 2:32PM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection: None

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Robert Green

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. Have any posts been damaged or their anchoring weakened?

☐
☒

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

☐
☒

One (1) use restriction sign is loose due to high winds within the general area.

c. Are all use restriction signs legible?

☒
☐

d. How many signs need to be replaced?

0

One (1) sign will need to be tightened.

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?			
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?	✓		Tighten one (1) loose use restriction sign.
4. Field conclusions/recommendations: <i>The use restriction signs are legible and in good condition. Due to high winds in the general area, one sign is loose and needs to be tightened.</i>			

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/ Glenn Richardson	Date: 1/16/08
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: *1/16/08 2:21 PM*Reason for Inspection: *Annual*Date of Last Post-Closure Inspection: *None*

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: *Glenn Richardson*Title: *Task Manager*Assistant Inspector: *Robert Green*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)
☒	☐	
☒	☐	
☐	☒	
☐	☒	

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?	☐	☒	
c. Are all use restriction signs legible?	☒	☐	
d. How many signs need to be replaced?	<i>0</i>		

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?			
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: <i>The use restriction signs are in fact, readable, and in excellent condition. There are no issues or concerns at this site.</i>			

F. CERTIFICATION

I have conducted an inspection of CAS 03-20-11, UD-3d Disposal Hole, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/ Glenn Richardson

Date: 1/16/08

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: 1/16/08 2:13 PMReason for Inspection: AnnualDate of Last Post-Closure Inspection: None

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn RichardsonTitle: Task ManagerAssistant Inspector: Robert GreenTitle: 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)
☐	☒	
☐	☒	
☒	☐	
<u>0</u>		

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

☒

b. Are any of the 4 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 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?			
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: <i>Overall site conditions are good. There are no corrective actions required as a result of the use restriction signage or wire strand fencing with radiological postings.</i>			
F. CERTIFICATION			
I have conducted an inspection of CAS 06-20-03, UD-6 and UD-6s Disposal Holes, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.			
Chief Inspector's Signature: /s/ Glenn Richardson		Date: 1/16/08	
Printed Name: Glenn Richardson		Title: Task Manager	

CAU 551: AREA 12 MUCKPILES

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 2/12/08Reason for Inspection: AnnualDate of Last Post-Closure Inspection: None

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn RichardsonTitle: Task ManagerAssistant Inspector: Reed PoderisTitle: Deputy Project Manager - Ind. Sites**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?

☐☒This is the first annual inspection performed as an ER post closure monitoring site.

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 13 use restriction signs damaged or missing?

☒☐Noticed one sign down that needs to be rehung to T-posts. Sign is slightly bent on bottom left corner.

c. Are all use restriction signs legible?

☒☐

d. How many signs need to be replaced?

0If damage to sign has an affect on rehanging one sign might need replacement.

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?	☒	☐	
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?	22		
If yes, has a photographic log been prepared?	☐	☒	Log number: <i>Photos are logged electronically on the ER shared drive under CAU 551.</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?	☐	☐	N/A
3. Is other maintenance/repair necessary?	☒	☐	

4. Field conclusions/recommendations: *The use restriction signage is legible and in good condition; however, one sign was down due to high winds within the area. The sign will be rehung or replaced if it can't be reinstalled. There is no evidence of sediment migration that warrants a corrective action.*

F. CERTIFICATION

I have conducted an inspection of CASs 12-01-09, Aboveground Storage Tank and Stain, 12-06-05, U-12b Muckpile, 12-06-07, Muckpile, and 12-06-08, Muckpile, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/ Glenn Richardson	Date: 2/12/08
Printed Name: Glenn Richardson	Title: Task Manager

Attachments (check if attached):

☒ Photos

**CAU 551, AREA 12 MUCKPILES
E-TUNNEL TURNOFF CULVERT**

Upper and Lower Diversion Berms, 02/12/2008

Water Diversion Berm #1, 02/12/2008

**CAU 551, AREA 12 MUCKPILES
E-TUNNEL TURNOFF CULVERT**

Water Diversion Berm #2, 02/12/2008

CAU 552: AREA 12 MUCKPILE AND PONDS

POST-CLOSURE INSPECTION CHECKLIST

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

Inspection Date and Time: 1/23/08 11:12 AM

Reason for Inspection: Annual

Date of Last Post-Closure Inspection:

Reason for Last Post-Closure Inspection:

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn Richardson

Title: Task Manager

Assistant Inspector: Robert Green

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 or rope?

✓

Noticed a strand of barb wire to be in fact, but a little loose. It could be tightened as a BMP.

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?			
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: <i>The use restriction signage and radiological postings are in great condition. The fencing is a mixture of barbed wire and yellow wire rope strands that has no evidence of damage. There are no major issues or concerns at this site.</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: /s/ Glenn Richardson		Date: 1/23/08	
Printed Name: Glenn Richardson		Title: Task Manager	

CAU 554: AREA 23 RELEASE SITE

POST-CLOSURE INSPECTION CHECKLIST**CAU 554: AREA 23 RELEASE SITE - CAS 23-02-08, USTS 23-115-1,2,3/SPILL NO. 530-90-002**Inspection Date and Time: 1/23/08 3:22 PMReason for Inspection: AnnualDate of Last Post-Closure Inspection: 12/28/06Reason for Last Post-Closure Inspection: Annual

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

Responsible Facility Owner: Jeffrey L. Smith, Deputy Manager, Environmental Restoration

Chief Inspector: Glenn RichardsonTitle: Task ManagerAssistant Inspector: Robert GreenTitle: 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.
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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?

✓

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

✓

c. Are any of the 4 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 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?			
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: <i>The postings and signage are in excellent condition. There are ^{no} issues or concerns at this site location.</i>			

F. CERTIFICATION

I have conducted an inspection of CAS 23-02-08, USTS 23-115-1,2,3/Spill No. 530-90-002, in accordance with the procedures of the Post-Closure Plan as recorded on this checklist, attached sheets, field notes, photographs, and photograph logs.

Chief Inspector's Signature: /s/ Glenn Richardson

Date: 1/23/08

Printed Name: Glenn Richardson

Title: Task Manager