

**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD  
OPERATING PROCEDURES, VOL. I**
**Manual: C3**  
**Procedure: ER-IDS-019-028**  
**Revision: 5**  
**Effective Date: 12/15/2022**  
**Type-Class: Checklist**  
**Page: 1 of 4**
**SANITARY LANDFILL (BUILDING 740-G) FIELD INSPECTION CHECKLIST**
**WORKING COPY**

This document is a Working Copy. Prior to start of work, verify this is the latest revision per the Procedure Index.

*Dylan Price*

Verified By

05/21/2024

Date

**CAUTION**

The Inspector IMMEDIATELY notifies the Post Closure Manager and Environmental Compliance Authority if there has been a breach or compromise of the institutional controls of this waste unit. This notification is made in accordance with Savannah River Site post closure inspection procedures.

**NOTE**

1. Manual C3, Volume 1, Procedure ER-SOP-019, Waste Unit and IOU Inspection and Maintenance, may be referenced for inspection details.
2. Monitoring wells associated with this waste unit are maintained in accordance with Environmental Compliance & Area Completion Projects (EC&ACP) monitoring well procedures.
3. Steps in this checklist may be completed concurrently or in any order.
4. Unsatisfactory conditions found during the inspection may be listed on the detailed map of the inspected area.

SCHEDULED

UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
1.	VERIFY roads to waste unit are accessible.	A	
2.	VERIFY gates and fence are in good condition and all unattended gates are locked.	A	
3.	INSPECT for excessive vegetative growth which may obstruct warning signs and visibility of inspection areas.	A	

## Sanitary Landfill (Building 740-G) Field Inspection Checklist

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 SCHEDULED

 UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
4.	<b>VERIFY</b> waste unit signs (12) are in acceptable condition, have correct information, and are legible from a distance of 25 feet.	A	
5.	<b>INSPECT</b> soil cover for signs of erosion, abnormal soil cracks, ponding, or depressions (subsidence).	X	Carry Over Item (COI): Four (4) areas of shallow subsidence. One new area identified on 11/8/23. See Map Note: 1. Reference Maintenance Register PC-2022-00125
6.	<b>INSPECT</b> for signs of burrowing animals.	X	1) Active Ant Mounds on soil cover. See Map Note:2. Reference Maintenance Register: PC-2024-00034. 2) Armadillo Holes under fence. See Map Note: 3. Reference Maintenance Register: PC-2024-00033
7.	<b>VISUALLY INSPECT</b> vegetative cover for grass density, with no bare spots more than 3 feet by 3 feet in the area. (The height of vegetative cover should not impair visual inspection of soil cover. This will be determined by the Inspector.)	A	
8.	<b>INSPECT</b> integrity of drainage system for presence of excessive erosion, sediment build-ups, slumping of banks, and any debris restricting water flow.	A	
9.	<b>INSPECT</b> integrity of catch basins, including inlet/outlet drainage structures. (Basins shall be cleaned every two years or when Inspector or Post Closure Manager determines capacity of basin has been reduced by greater than 50 percent.)	A	
10.	<b>INSPECT</b> gas vents for signs of damage or obstructions.	A	
11.	<b>INSPECT</b> subsidence monitors annually for damage and visibility.	A	


**Sanitary Landfill (Building 740-G) Field Inspection Checklist**

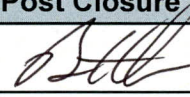
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**SCHEDULED**

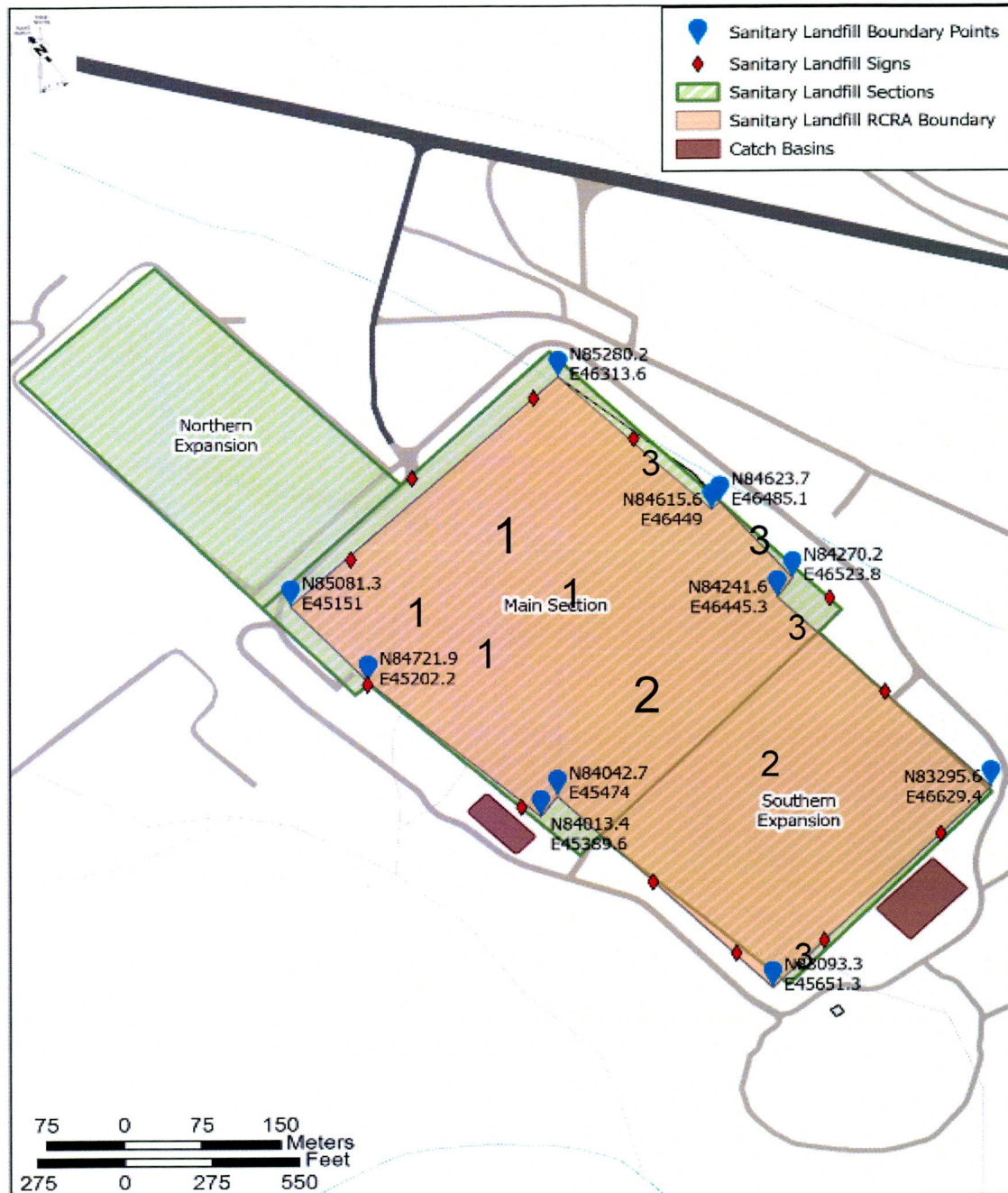
**UNSCHEDULED**

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
12.	<b>INSPECT</b> benchmarks to ensure each is visible and free of damage.	A	
13.	<b>SURVEY</b> subsidence monitors every five years, <b>AND</b> <b>VERIFY</b> copies of the latest survey results are in EC&ACP Document Control Center. (The next topographical survey is due November 2027 and every five years thereafter.)	A	SRNS-J2000-2022-00826 Completed 10/13/2022
14.	Other          None	A	

Inspected By:		
Dylan Price Print Name	 Signature	05/21/2024 Date

Reviewed By Post Closure Manager:		
Brian Hanshew Print Name	 Signature	6/10/2024 Date

## MAP OF SANITARY LANDFILL (BUILDING 740-G)



**NOTES:** 1=COI: Four (4) areas of shallow subsidence located on the Northern end. Site Services will repair the areas per engineering guidance by filling the areas with topsoil, grade to existing terrain, add grass seed, straw and monitor the area to ensure subsidence does not return. Note: A fifth subsidence area was found adjacent (East) to the others described above on 11/8/23 and has been added to the original Post Closure Maintenance Register (PC-2022-00125) and will be repaired in the same manner per engineering guidance.

2=Active Ant Mounds on soil cover. Applied 2.0 lbs. of extinguish ant bait. Reference Maintenance Register: PC-2024-00034

3= Armadillo holes under fence. Repaired with rock and topsoil. Reference Maintenance Register: PC-2024-00033.

# POST CLOSURE MAINTENANCE REGISTER

**Index Number**

**Unit Name**

21 NON-RADIOACTIVE WASTE DISPOSAL FACILITY (AKA SANITARY LANDFILL RCRA PORTION)- 740-G

**Watershed** UPPER THREE RUNS

AHA # AHA-ER-5534  
Work Order # N/A  
Work Group POST CLOSURE MAINTENANCE  
Priority Medium  
RCRA YES

**Maintenance Number** PC-2024-00033      **Maintenance Status** Complete  
Inspection Date 5/21/2024      **Chemical Type**  
Completion Date 5/21/2024      **Chemical Name**  
Amount Used

**Description Of Maintenance Item**  
Armadillos digging underneath perimeter fence in several places.

**Maintenance Item Corrected**  
Post Closure Maintenance repaired with rock and topsoil.

**Notes** ER-IDS-019-028 Sanitary Landfill (BLDG. 740-G) Field Inspection Checklist

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Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date :

6/10/2024

# POST CLOSURE MAINTENANCE REGISTER

**Index Number**
**Unit Name**

21 NON-RADIOACTIVE WASTE DISPOSAL FACILITY (AKA SANITARY LANDFILL RCRA PORTION)- 740-G

**Watershed** UPPER THREE RUNS

AHA # AHA-ER-5534  
 Work Order # N/A  
 Work Group POST CLOSURE MAINTENANCE  
 Priority Medium  
 RCRA YES

<b>Maintenance Number</b>	PC-2024-00034	Maintenance Status	Complete
Inspection Date	5/21/2024	Chemical Type	Pesticide
Completion Date	5/21/2024	Chemical Name	Extinguish
		Amount Used	2.0 Pounds

**Description Of Maintenance Item**  
Active ant mounds on waste unit

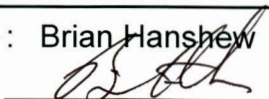
**Maintenance Item Corrected**

Applied Extinguish pesticide.

**Notes** ER-IDS-019-028 Sanitary Landfill (BLDG. 740-G) Field Inspection Checklist

Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date :

6/16/2024