

**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.

Douglas E. Barron

Verified By

02/07/2023

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	

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SCHEDULED

UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
4.	VERIFY waste unit signs (12) are in acceptable condition, have correct information, and are legible from a distance of 25 feet.	A	
5.	INSPECT 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 subsidence discovered during this inspection. See Map Note: 1 Reference Maintenance Register PC-2022-00125
6.	INSPECT for signs of burrowing animals.	X	Active Ant Mounds on soil cover. See Map Note: 2 Reference Maintenance Register: PC-2023-00013
7.	VISUALLY INSPECT 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.	INSPECT integrity of drainage system for presence of excessive erosion, sediment build-ups, slumping of banks, and any debris restricting water flow.	A	
9.	INSPECT 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.	INSPECT gas vents for signs of damage or obstructions.	A	
11.	INSPECT subsidence monitors annually for damage and visibility.	A	

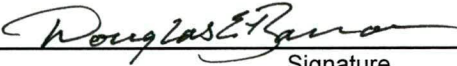
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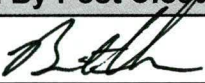
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SCHEDULED UNSCHEDULED

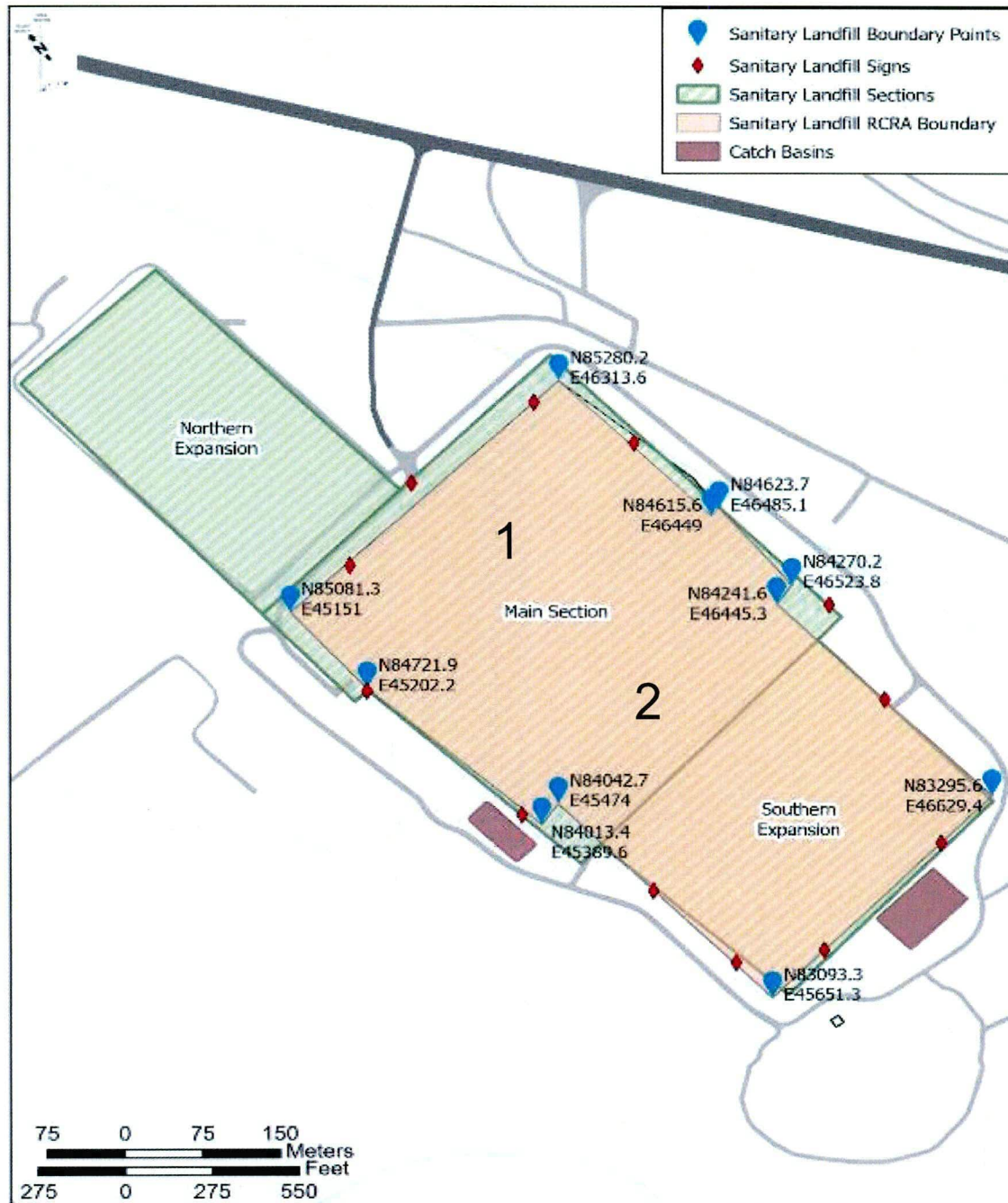
A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
12.	INSPECT benchmarks to ensure each is visible and free of damage.	A	
13.	SURVEY subsidence monitors every five years, AND VERIFY copies of the latest survey results are in EC&ACP Document Control Center. (The next topographical survey is due November 2027 and every five years thereafter.)	A	Completed 10/13/2022 SRNS-J2000-2022-00826
14.	Other		
NO FURTHER ENTRIES			

DEB 02/07/2023

Inspected By:		
Douglas E. Barron		02/07/2023
Print Name	Signature	Date

Reviewed By Post Closure Manager:		
Brian Hanshew		2/14/2023
Print Name	Signature	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) of the others described above.

The more recently discovered fifth area is similar to the original four (4). The fifth area will be added to the original Post Closure Maintenance Register (PC-2022-00125) and repaired with engineering concurrence and repair guidance listed above.

2=Active Ant Mounds on soil cover. Applied 1.0 lb. of extinguish ant bait.

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-2023-00013	Maintenance Status	Complete
Inspection Date	2/7/2023	Chemical Type	Pesticide
Completion Date	2/7/2023	Chemical Name	Extinguish
		Amount Used	1.0 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 : 2/14/23

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 # NA
Work Order # N/A
Work Group USFS
Priority Medium
RCRA YES

Maintenance Number PC-2022-00123

Maintenance Status Complete

Inspection Date 11/8/2022

Chemical Type

Completion Date 2/7/2023

Chemical Name

Amount Used

Description Of Maintenance Item

Standing dead trees around primeter road

Maintenance Item Corrected

US Forest service cut down trees

Notes ER-IDS-019-028

Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date :

2/14/2023