

**M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDG. 904-51G) 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.

*[Handwritten Signature]*

Verified By

08/9/2023

Date

**CAUTION**

The Inspector will IMMEDIATELY notify 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 will be 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, is required to be used as a reference for inspection details.
2. Monitoring wells associated with this waste unit are maintained in accordance with Environmental Compliance and 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	

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SCHEDULED

UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
2.	VERIFY fence, posts, and gates that surround M-Area Settling Basin are intact, in good condition, and unattended gates are locked.	A	
3.	VERIFY M-Area Settling Basin signs (10) and postings are in acceptable condition, have correct information, and are legible from a distance of 25 feet.	A	
4.	CHECK integrity of drainage ditches, drainpipes, and general area (including the drainage ditch to Lost Lake) for presence of excessive erosion, vegetation, standing water, sediment buildups, or any debris restricting water flow.	A	
5.	CHECK the soil cover for signs of erosion, abnormal soil cracks, depressions (subsidence), or physical impacts.	A	
6.	VISUALLY CHECK vegetative cover of M-Area Settling Basin for grass density, with no bare spots more than 3 feet by 3 feet in area and large weeds or woody vegetation on capped area. (The height of the vegetative cover should not impair the visual inspection of the soil cover. This will be determined by the Inspector.)	A	
7.	CHECK for excessive vegetation growing over fences which may obstruct warning signs or visibility of inspected area.	A	
8.	CHECK M-Settling Basin cover for signs of burrowing animals.	X	Active ant mounds on soil cover. See map note 1. Reference maintenance register: PC-2023-00058
9.	CHECK side slopes for slumping and any observable signs of subsidence/depressions.	A	
10.	VERIFY annual Topographic/Subsidence Survey has been completed for current calendar year.	A	Completed 05/02/2023

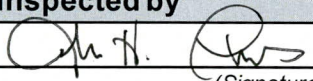
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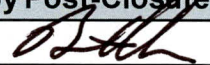
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SCHEDULED                       UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
11.	VERIFY copies of survey results are in EC&ACP Document Control Center.	A	SRNS-J2000-2023-00439
12.	CHECK around Lost Lake for evidence of any unauthorized activity in immediate area.	A	
13.	ENSURE benchmark is visible and not damaged.	A	
14.	Other	No Further Entries	

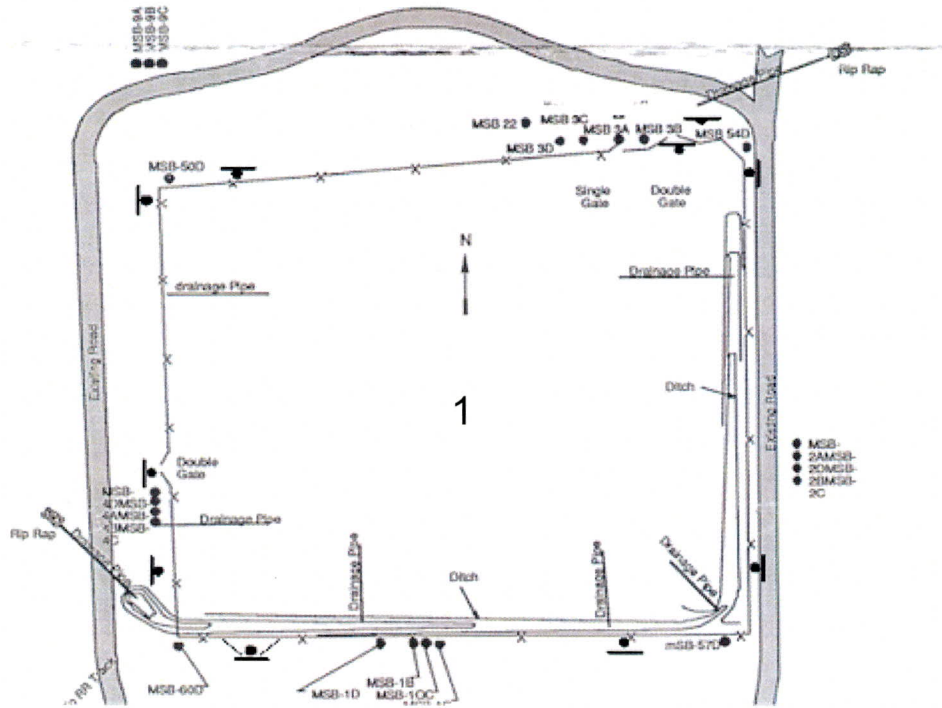
JHT 08/09/2023

Inspected by		
John H. Thomas <i>(Print Name)</i>	 <i>(Signature)</i>	08/09/2023 <i>(Date)</i>

Reviewed by Post-Closure Manager		
Brian Hanshew <i>(Print Name)</i>	 <i>(Signature)</i>	8/14/2023 <i>(Date)</i>

Map of M-Area Hazardous Waste Management Facility 904-51G

Coordinates - N5-W7

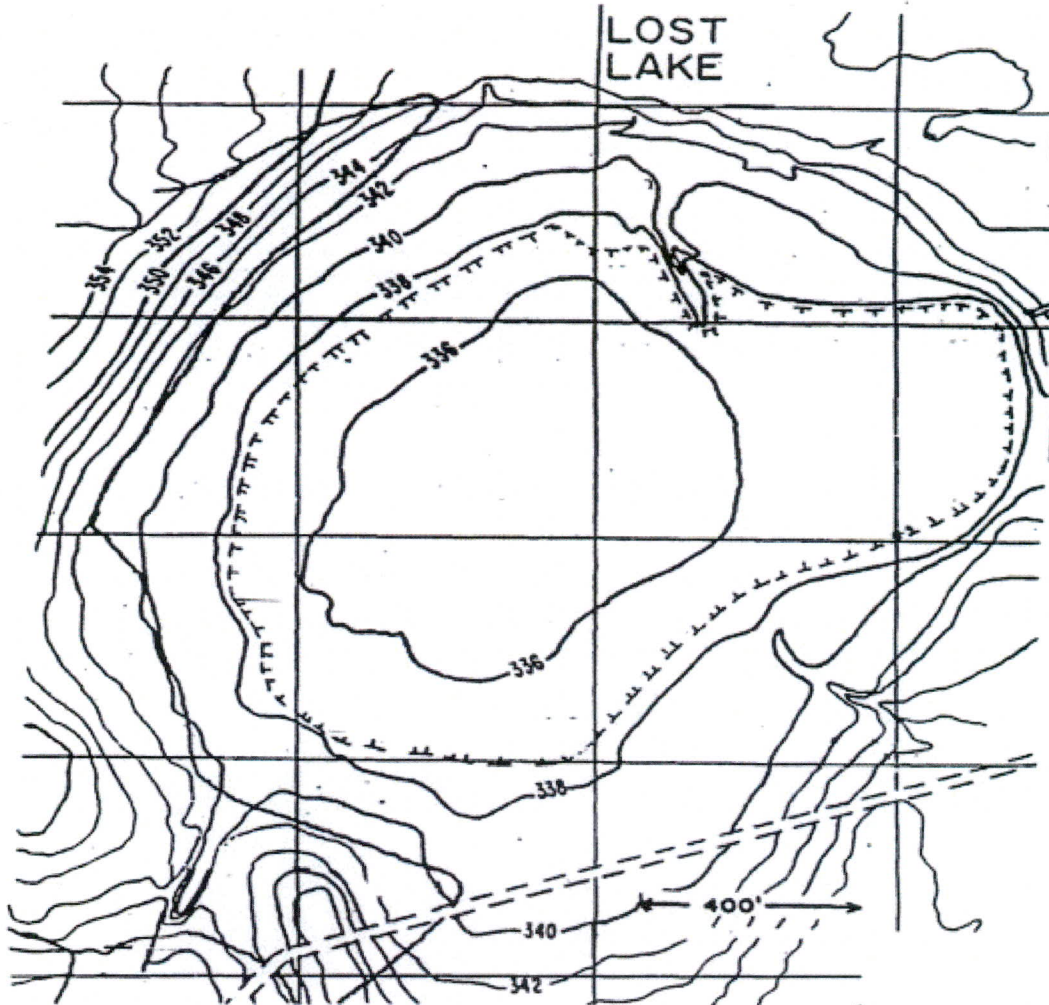


• Waste Unit Signs  
—X— Access Gate

NOTES: 1=Active Ant Mounds on soil cover. Applied 2.0 lb. of Extinguish Ant Bait.

NO FURTHER ENTRIES

Map of M-Area Hazardous Waste Management Facility (Lost Lake)



NOTES:

NO ENTRIES THIS PAGE

# POST CLOSURE MAINTENANCE REGISTER

**Index Number**

**Unit Name**

13 M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (M-AREA SETTLING BASIN - 904-51G)

**Watershed** UPPER THREE RUNS

AHA # NA  
Work Order # NA  
Work Group POST CLOSURE MAINTENANCE  
Priority Medium  
RCRA YES

**Maintenance Number** PC-2023-00058      Maintenance Status Complete  
Inspection Date 8/9/2023      Chemical Type NA  
Completion Date 8/9/2023      Chemical Name Extinguish  
Amount Used 2.0 Pounds

**Description Of Maintenance Item**  
Active ant mounds on soil cover

**Maintenance Item Corrected**  
Applied Extinguish ant bait.

**Notes** ER-IDS-019-022

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Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date :

8/14/2023