

**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD  
OPERATING PROCEDURES, VOL. I**

**Manual:** C3  
**Procedure:** ER-IDS-019-022  
**Revision:** 4  
**Effective Date:** 09/09/2021  
**Type-Class:** Checklist  
**Page:** 1 of 5

**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.

*Charles P. Carter*

Verified By

11/09/2021

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		A or X	Observation/Corrective Action Taken
X = Unsatisfactory (Explanation required)			
1.	VERIFY roads to waste unit are accessible.	A	

**M-Area Hazardous Waste Management Facility (Bldg. 904-51G) Field Inspection Checklist**

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SCHEDULED                       UNSCHEDULED

<b>A = Satisfactory</b> <b>X = Unsatisfactory (Explanation required)</b>		A or X	Observation/Corrective Action Taken
2.	<b>VERIFY</b> fence, posts, and gates that surround M-Area Settling Basin are intact, in good condition, and unattended gates are locked.	A	
3.	<b>VERIFY</b> 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.	<b>CHECK</b> 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.	X	Sediment restricting water flow at the East and West drainage pipes See Map Note: 1 Reference Maintenance Register: PC-2021-00105
5.	<b>CHECK</b> the soil cover for signs of erosion, abnormal soil cracks, depressions (subsidence), or physical impacts.	A	
6.	<b>VISUALLY CHECK</b> 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.	<b>CHECK</b> for excessive vegetation growing over fences which may obstruct warning signs or visibility of inspected area.	A	
8.	<b>CHECK</b> M-Settling Basin cover for signs of burrowing animals.	X	Active Ant Mounds on Soil Cover See Map Note: 1 Reference Maintenance Register: PC-2021-00106
9.	<b>CHECK</b> side slopes for slumping and any observable signs of subsidence/depressions.	A	
10.	<b>VERIFY</b> annual Topographic/Subsidence Survey has been completed for current calendar year.	A	Completed 05/05/2021

M-Area Hazardous Waste Management Facility (Bldg. 904-51G) Field Inspection Checklist

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SCHEDULED                       UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)	A or X	Observation/Corrective Action Taken
11. <b>VERIFY</b> copies of survey results are in EC&ACP Document Control Center.	A	SRNS-IM-2021-00091
12. <b>CHECK</b> around Lost Lake for evidence of any unauthorized activity in immediate area.	A	
13. <b>ENSURE</b> benchmark is visible and not damaged.	A	
14. Other <b>NO FURTHER ENTRIES</b>		

CPC 11/09/2021

Inspected by		
Charles P. Carter <i>(Print Name)</i>	<i>Charles P. Carter</i> <i>(Signature)</i>	11/09/2021 <i>(Date)</i>

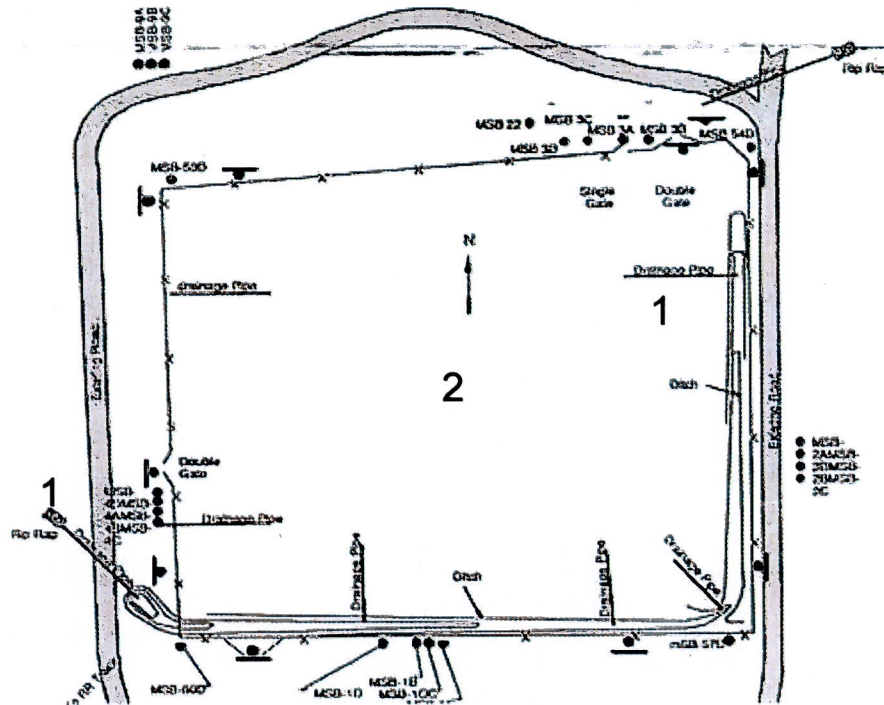
Reviewed by Post-Closure Manager		
George W. Joyner <i>(Print Name)</i>	<i>George W. Joyner</i> <i>(Signature)</i>	11/16/21 <i>(Date)</i>

**M-Area Hazardous Waste Management Facility (Bldg. 904-51G) Field Inspection Checklist**

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

Coordinates - N5-W7

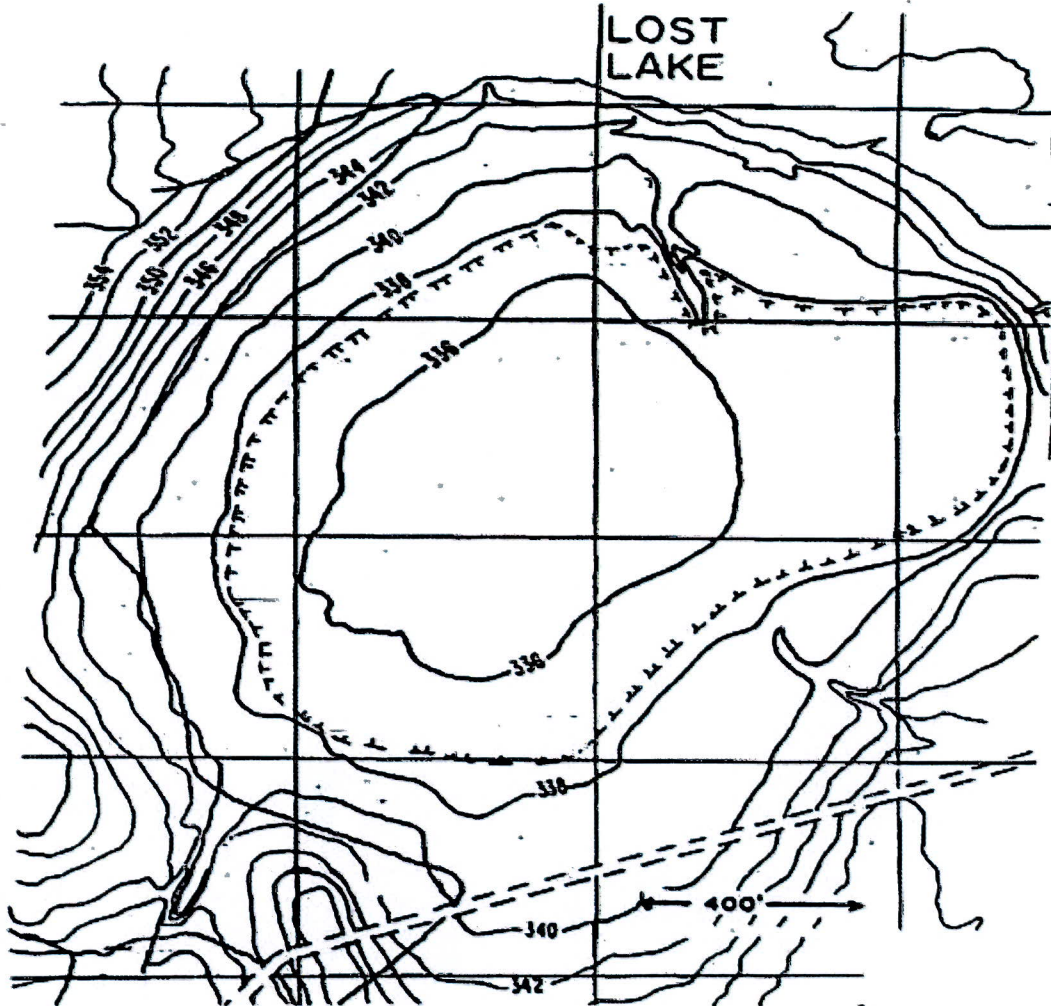


● Waste Unit Signs  
 — Access Gate

**NOTES:** 1=Sediment restricting water flow at the East and West drainage pipes. Post Closure Maintenance removed sediment. 2=Active Ant Mounds on soil cover. Applied 2.0 lbs. 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 #** AHA-ER-5534

**Work Order #** NA

**Work Group** POST CLOSURE MAINTENANCE

**Priority** Medium

**RCRA** YES

**Maintenance Number** PC-2021-00105

**Maintenance Status** Complete

**Inspection Date** 11/9/2021

**Chemical Type** NA

**Completion Date** 11/9/2021

**Chemical Name**

**Amount Used**

**Description Of Maintenance Item**

Sediment restricting water flow at the East and West drainage pipes

**Maintenance Item Corrected**

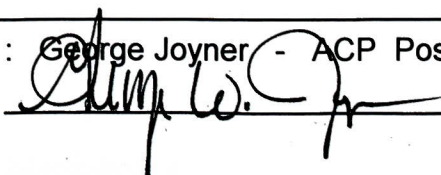
Post Closure Maintenance removed the sediment from the discharge end of the pipes.

**Notes** New observation.

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

11/16/21

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**Index Number**

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**Watershed** UPPER THREE RUNS

**AHA #** AHA-ER-5534

**Work Order #** NA

**Work Group** POST CLOSURE MAINTENANCE

**Priority** Medium

**RCRA** YES

**Maintenance Number** PC-2021-00106

**Maintenance Status** Complete

**Inspection Date** 11/9/2021

**Chemical Type** NA

**Completion Date** 11/9/2021

**Chemical Name** Extinguish

**Amount Used** 2.0 Pound

**Description Of Maintenance Item**

Active ant mounds on soil cover

**Maintenance Item Corrected**

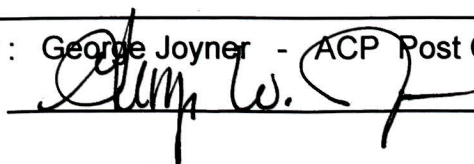
Applied Extinguish ant bait.

**Notes** New observation.

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

11/16/21