

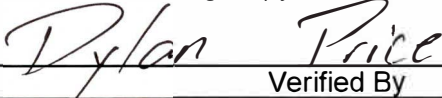
**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD OPERATING PROCEDURES, VOL. I**

**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.

  
 \_\_\_\_\_  
 Verified By 5/6/24  
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**

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

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

Manual: C3  
 Procedure: ER-IDS-019-022  
 Revision: 4  
 Page: 2 of 5

 SCHEDULED

 UNSCHEDULED

<b>A = Satisfactory</b> <b>X = Unsatisfactory (Explanation required)</b>	<b>A or X</b>	<b>Observation/Corrective Action Taken</b>
2. <b>VERIFY</b> fence, posts, and gates that surround M-Area Settling Basin are intact, in good condition, and unattended gates are locked.	X	Broken Barbed wire at gate. See map note 3 Reference Maintenance register: PC-2024-00026
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.	A	
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 PC-2024-00025 Four small and shallow Armadillo holes on Basin Cover. see map note 2. Reference Maintenance Register: PC-2024-00024
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 05/02/2023

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

Manual: C3  
 Procedure: ER-IDS-019-022  
 Revision: 4  
 Page: 3 of 5

 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 None	A	

## Inspected by

Dylan Price (Print Name)	<i>Dylan Price</i> (Signature)	5/6/2024 (Date)
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## Reviewed by Post-Closure Manager

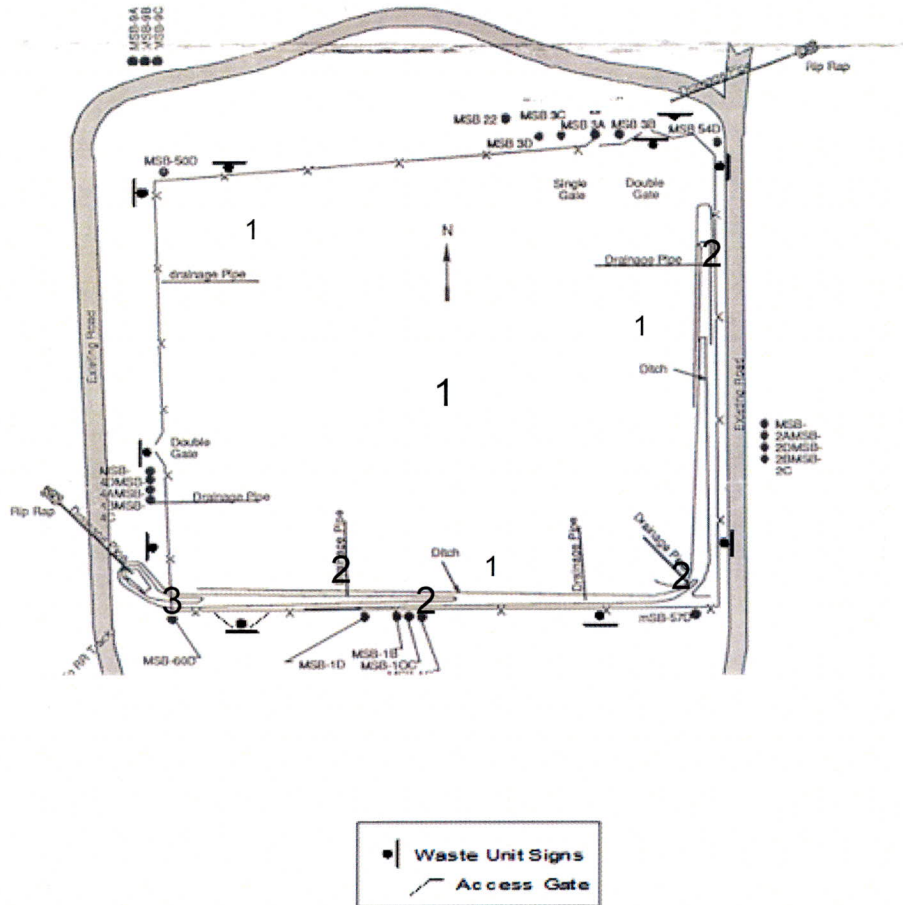
Brian Hanshew (Print Name)	<i>Brian Hanshew</i> (Signature)	5/30/2024 (Date)
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M-Area Hazardous Waste Management Facility (Bldg. 904-51G) Field Inspection Checklist

Manual: C3  
 Procedure: ER-IDS-019-022  
 Revision: 4  
 Page: 4 of 5

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

Coordinates - N5-W7



- NOTES:** 1=Active Ant Mounds on soil cover. Applied 60 oz. of Extinguish Ant Bait. Maintenance register: PC-2024-00025.  
 2=Four small and shallow Armadillo holes on basin cover. Maintenance Register: PC-2024-00024  
 3= Broken Barbed Wire at gate. Maintenance Register: PC-2024-00026

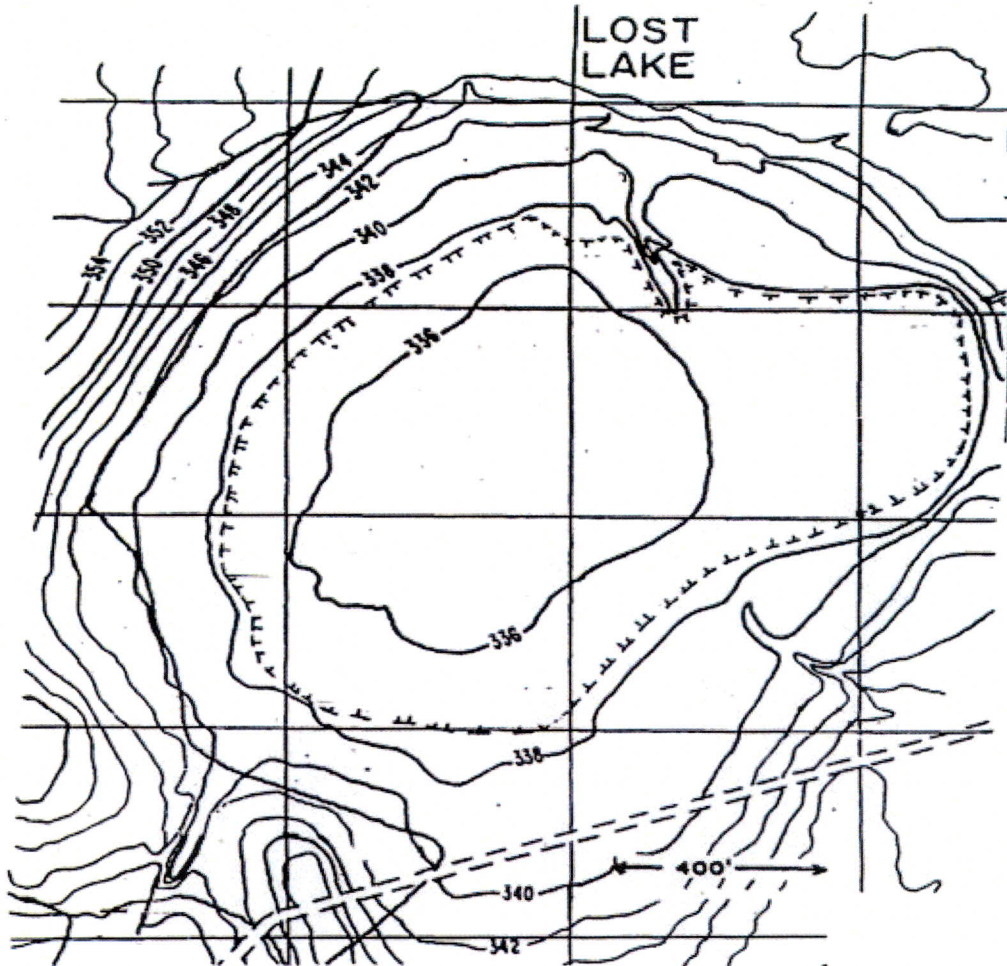
*no further entries*

*TR 5-6-24*

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

Manual: C3  
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Revision: 4  
Page: 5 of 5

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



NOTES: NONE

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# 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

<b>Maintenance Number</b>	PC-2024-00025	Maintenance Status	Complete
Inspection Date	5/6/2024	Chemical Type	NA
Completion Date	5/6/2024	Chemical Name	Extinguish
		Amount Used	60 Ounces

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

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

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

Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date :

5/30/2024

# 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-2024-00024      Maintenance Status Complete

Inspection Date 5/6/2024      Chemical Type NA

Completion Date 5/6/2024      Chemical Name  
Amount Used

**Description Of Maintenance Item**

Four small and shallow Armadillo holes on Basin Cover

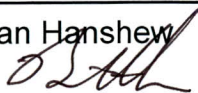
**Maintenance Item Corrected**

Post Closure Maintenance filled the shallow holes with top soil.

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

Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date :

5/30/2024

# 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

<b>Maintenance Number</b>	PC-2024-00026	Maintenance Status	Complete
Inspection Date	5/6/2024	Chemical Type	NA
Completion Date	5/6/2024	Chemical Name	N/A
		Amount Used	N/A

**Description Of Maintenance Item**  
 Broken Barbed Wire at gate.

**Maintenance Item Corrected**  
 Post Closure fixed Barbed Wire at gate.

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

Approved by : Brian Hanshaw - ACP Post Closure Manager

Signature



Approval date :

5/30/2024