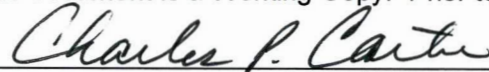


**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD  
OPERATING PROCEDURES, VOL. I**
**M-AREA HAZARDOUS WASTE MANAGEMENT FACILITY (BLDG. 904-51G) FIELD INSPECTION  
CHECKLIST**
**Manual:** C3  
**Procedure:** ER-IDS-019-022  
**Revision:** 3  
**Effective Date:** 06/01/2016  
**Type-Class:** Form  
**Page:** 1 of 5

**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

11/07/2019

Date

**CAUTION**

The Inspector shall 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 shall be in accordance with Savannah River Site post-closure inspection procedures.

**NOTE**

1. Manual C3, ER-SOP-019, *Waste Unit Inspection and Maintenance*, shall be referred to for inspection details.
2. Monitoring wells associated with this waste unit are maintained in accordance with 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>		A or X	Observation/Corrective Action Taken
1.	Verify roads to waste unit are accessible.	A	
2.	Verify fence, posts, and gates that surround M-Area Settling Basin are intact, in good condition, and unattended gates are locked.	A	

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

Manual: C3  
 Procedure: ER-IDS-019-022  
 Revision: 3  
 Page: 2 of 5

SCHEDULED                       UNSCHEDULED

A = Satisfactory	A or X	Observation/Corrective Action Taken
X = Unsatisfactory (Explanation required)		
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, drain pipes and general area (including the drainage ditch to Lost Lake) for presence excessive erosion, sediment buildups 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	Small/Shallow hole caused by animal digging See Map Note: 1 Reference Maintenance Register: PC-2019-00098
9. Check side slopes for slumping and any observable signs of subsidence/depressions.	A	
10. Inspect ditches for standing water, excessive vegetation and debris.	A	
11. Verify annual Topographic/Subsidence Survey has been done for current calendar year.	A	COMPLETED ON 05/02/2019
12. Verify copies of survey results are in EC&ACP Document Control Center.	A	

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

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

SCHEDULED                       UNSCHEDULED

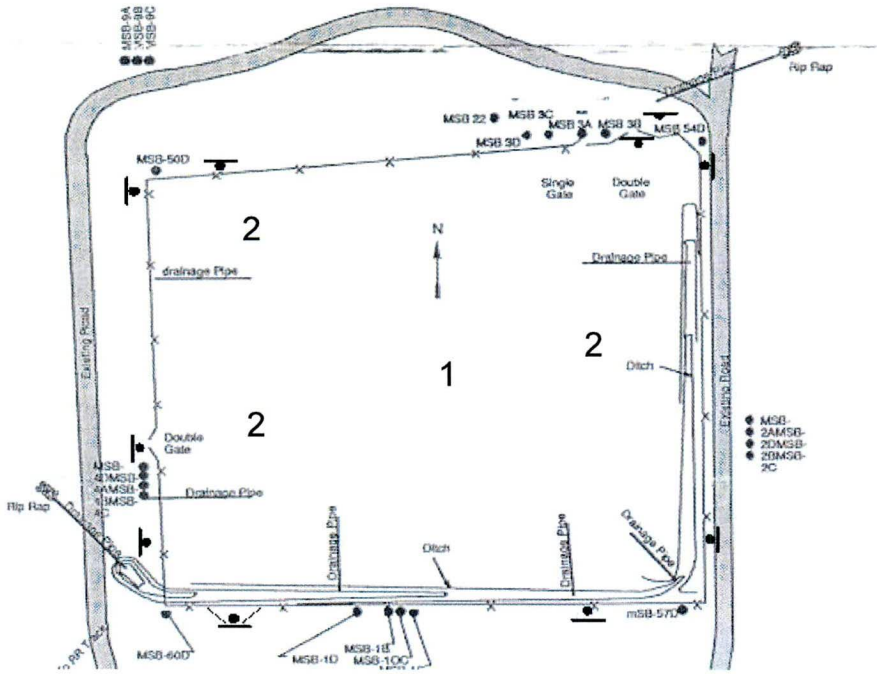
A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
13.	Check around Lost Lake for evidence of any unauthorized activity in immediate area.	A	
14.	Ensure benchmark is visible and not damaged.	A	
15.	Other    Active ant mounds	X	Active ant mounds on soil cover. See Map Note:2 Reference Maintenance Register PC-2019-00099

Inspected By		
Charles P. Carter <i>(Print Name)</i>	<i>Charles P. Carter</i> <i>(Signature)</i>	11/07/2019 <i>(Date)</i>

Review By Post-Closure Manager		
George W. Joyner <i>(Print Name)</i>	<i>George W. Joyner</i> <i>(Signature)</i>	11/21/19 <i>(Date)</i>

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

Coordinates - N5-W7

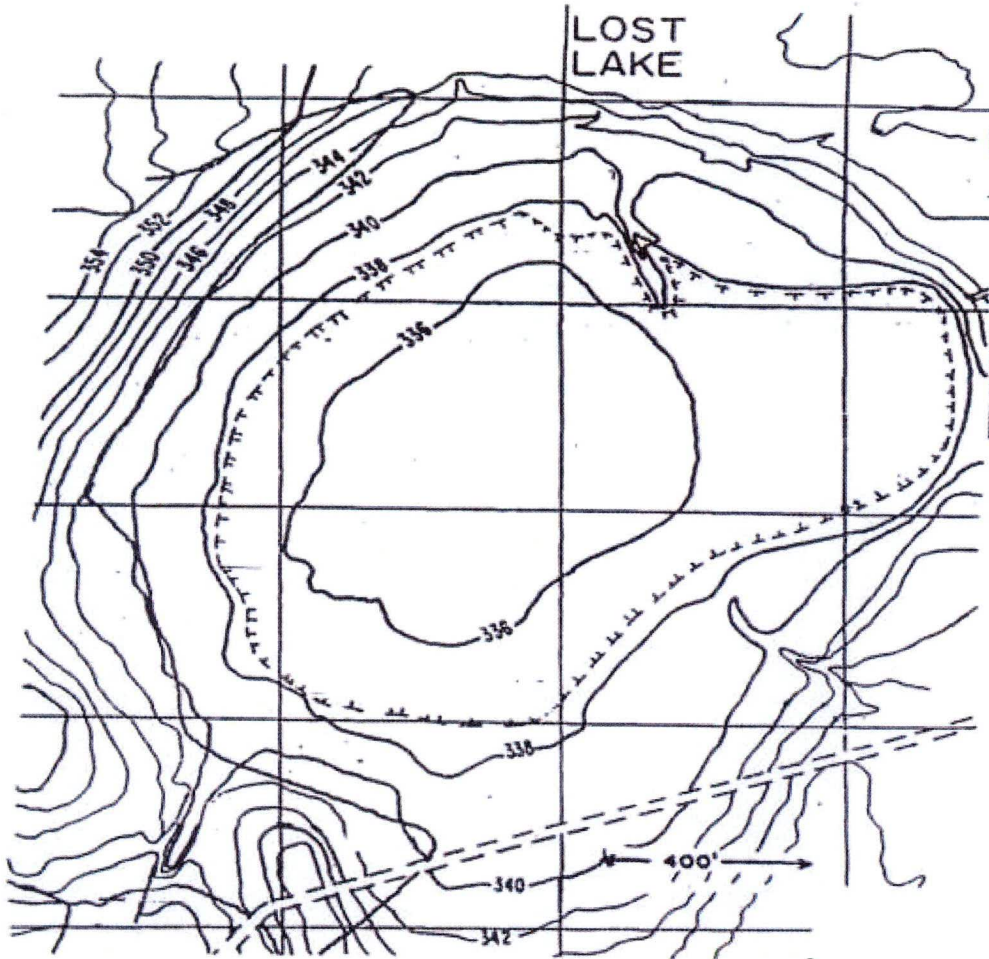


NOTES: 1=Small/Shallow hole caused by animal digging. Post Closure Maintenance repaired hole with top soil. 2=Active ant mounds on soil cover. Applied 1.0 lb. of Extinguish ant bait.

**NO FURTHER ENTRIES**

CPC 11/07/2019

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



NOTES:

~~NO FURTHER ENTRIES~~

# 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-2019-00098      **Maintenance Status** Complete  
**Inspection Date** 11/7/2019      **Chemical Type** NA  
**Completion Date** 11/7/2019      **Chemical Name**  
**Amount Used**

**Description Of Maintenance Item**

Small/Shallow hole caused by animal digging

**Maintenance Item Corrected**

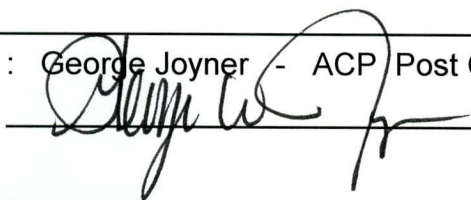
Post Closure Maintenance repaired hole with top soil

**Notes** New observation.

---

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

11/21/19

# 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-2019-00099      **Maintenance Status** Complete  
**Inspection Date** 11/7/2019      **Chemical Type** NA  
**Completion Date** 11/7/2019      **Chemical Name** Extinguish  
**Amount Used** 1.0      **Pound**

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

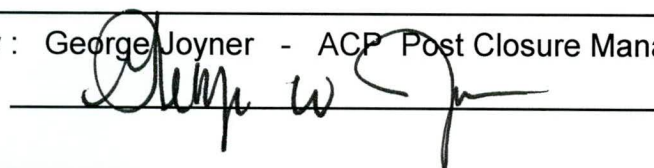
**Maintenance Item Corrected**  
Applied Extinguish ant bait.

**Notes** New observation.

---

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

11/21/19

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