

**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD
OPERATING PROCEDURES, VOL. I**
Manual: C3
Procedure: ER-IDS-019-020
Revision: 5
Effective Date: 08/30/2016
Type-Class: Form
Page: 1 of 5
**METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) POST
CLOSURE 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

05/16/2019

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.

 SCHEDULED
 UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
1.	Verify roads are accessible to closed site.	A	
2.	Check fence/barricade for presence of signs "Danger Unauthorized Personnel Keep Out". Confirm Post Closure Manager and Savannah River Site Operations Center Emergency Contact sign has current information and is in good condition.	A	

Metallurgical Laboratory Hazardous Waste Management Facility (HWMF) Post Closure Field Inspection Checklist

Manual: C3
 Procedure: ER-IDS-019-020
 Revision: 5
 Page: 2 of 5

SCHEDULED UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
3.	Verify fence wire, posts, gates, and other areas of fence are intact and in good condition (e.g., shows no signs of serious wear).	A	
4.	Check for excessive vegetation growing over fences, which may obstruct warning signs or visibility of closure cover.	A	
5.	Walk across the closure cover and check for erosion, abnormal soil cracks and evidence of burrowing animals.	X	Active ant mounds on soil cover. See map note: 1 Ref. Maint. Register: PC-2019-00044
6.	Check integrity of drainage ditches inside and outside fenced areas for erosion and presence of soil sediment or debris restricting water flow. Standing water not to exceed 30 feet in length.	X	Ditches have vegetation growing through the the rip-rap. See map note: 2 Ref. Maint. Register: PC-2019-00045
7.	Visually check cover and side slopes for any subsidence/ depressions.	A	
8.	Visually check vegetative cover for grass density with no bare spots more than 3 feet in diameter. There should be no woody vegetation or shrubs growing on the Closure cover. The height of vegetative cover should not impair visual inspection of closure. This will be determined by the Post Closure Inspector.	A	
9.	Visually perform a condition check of the survey monitor or benchmarks for damage and visibility.	A	
10.	Verify unattended gates are locked to prevent unauthorized entry.	A	

Metallurgical Laboratory Hazardous Waste Management Facility (HWMF) Post Closure Field Inspection Checklist

SCHEDULED UNSCHEDULED

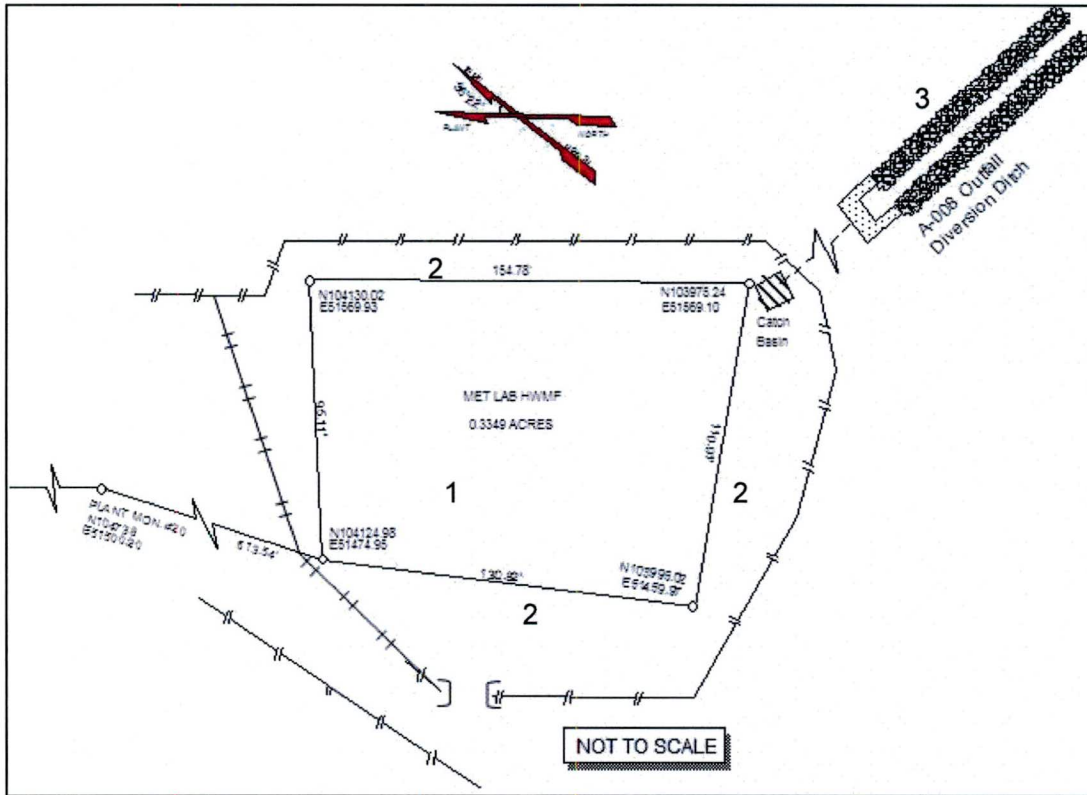
A = Satisfactory X = Unsatisfactory (Explanation required)	A or X	Observation/Corrective Action Taken
11. Check side slopes for signs of slumping and channels or excessive erosion.	A	
12. Verify annual topographic/subsidence survey has been performed by end of June for current year. Verify copies of survey results are in EC&ACP Document Control Center.	A	Completed on 04/29/2019
13. The Inspector shall verify in January, April, July, and October, the previous "Quarterly Monitoring Well Inspection Summary Report" has been sent to EC&ACP Document Control Center. This report can be obtained from Post Closure Well Maintenance Group.	A	SRNS-J2000-2019-00374
14. Inspect A-008 Diversion Ditch for the presence of erosion and debris restricting water flow.	X	A-008 Diversion Ditch has vegetation growing through the the rip-rap. See map note: 3 Ref. MAINT. Register: PC-2019-00046
15. Verify Carolina Bay "Danger Unauthorized Personnel Keep Out" signs (11) are posted and are legible from a distance of 25 feet.	X	2 (Two) signs have missing letters and need replacing. See map note: 4 Ref. Maint. Register: PC-2019-00047
16. Other	NO FURTHER ENTRIES	

CPC 05/16/2019

Inspected By		
Charles P Carter (Print Name)	<i>Charles P. Carter</i> (Signature)	05/16/2019 (Date)

Review By Post-Closure Manager		
George W. Joyner (Print Name)	<i>George W. Joyner</i> (Signature)	5/28/19 (Date)

Map of Metallurgical Laboratory HWMF

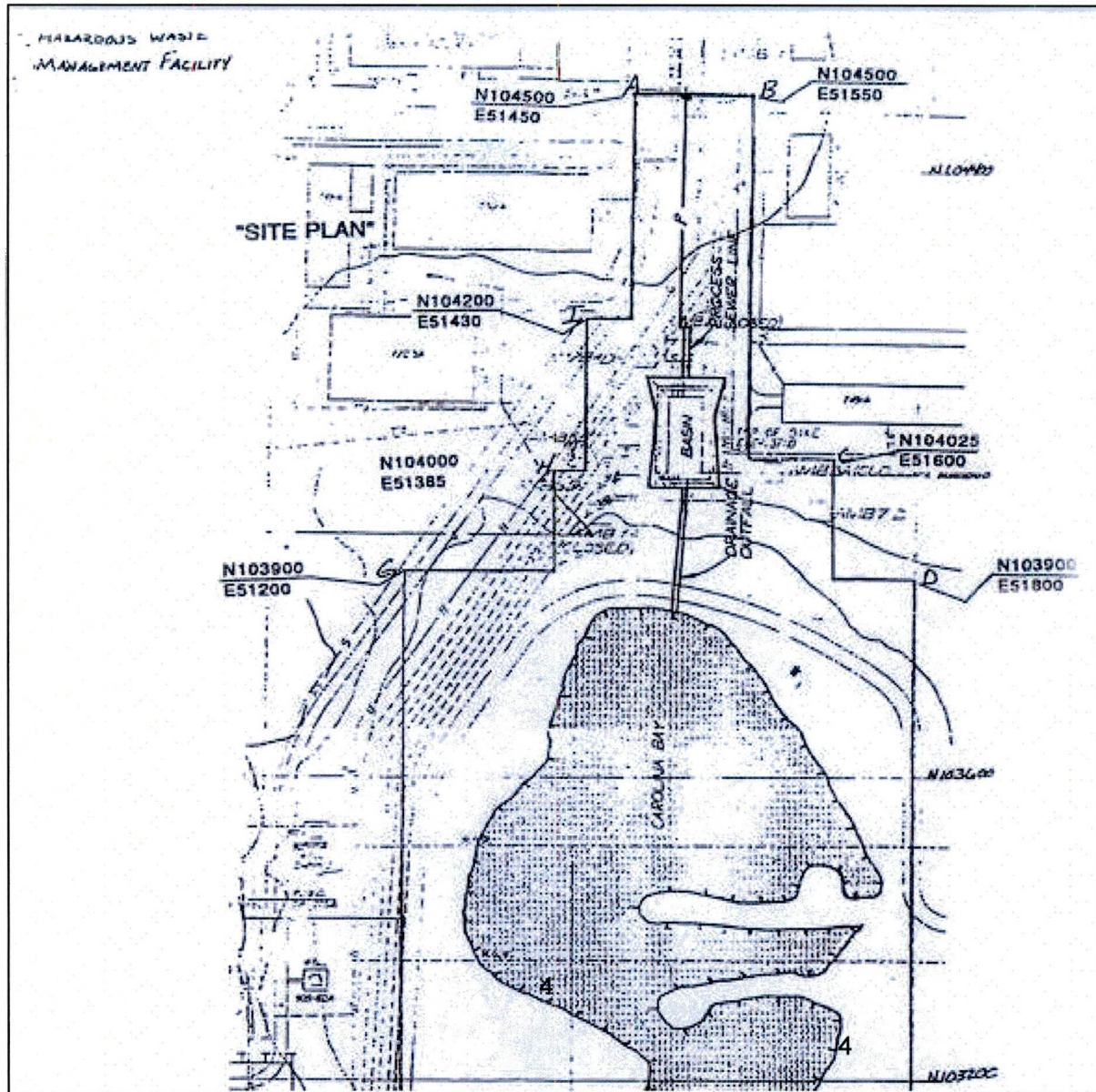


NOTES: 1=Active ant mounds on soil cover. Applied .25 lbs. of extinguish ant bait.
2=Ditches have vegetation growing through the the rip-rap. Site Roads & Grounds will apply herbicide.
3=A-008 Diversion Ditch has vegetation growing through the the rip-rap. Site Roads & Grounds will apply herbicide.

NO FURTHER ENTRIES

CPC 05/16/2019

Map of Map of Metallurgical Laboratory HWMF (Carolina Bay)



NOTES: 4=2 (Two) signs have missing letters and need replacing. Sign shop will fabricate new signs and Post Closure Maintenance will replace them.

NO FURTHER ENTRIES

POST CLOSURE MAINTENANCE REGISTER

Index Number

Unit Name

15 METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY - 904-110G

Watershed UPPER THREE RUNS

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

Maintenance Number	PC-2019-00044	Maintenance Status	Complete
Inspection Date	5/16/2019	Chemical Type	Pesticide
Completion Date	5/16/2019	Chemical Name	Extinguish
		Amount Used	.25 Pounds

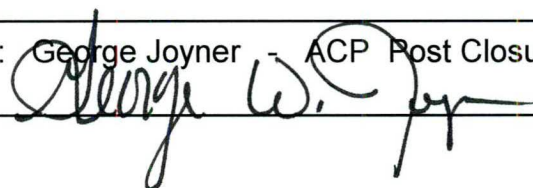
Description Of Maintenance Item
Active ant mounds on waste unit

Maintenance Item Corrected
Applied Extinguish pesticide

Notes New observation

Approved by : George Joyner ACP Post Closure Manager

Signature



Approval date :

5/28/19

POST CLOSURE MAINTENANCE REGISTER

Index Number

Unit Name

15 METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY - 904-110G

Watershed UPPER THREE RUNS

AHA # NA
Work Order #
Work Group ROADS & GROUNDS
Priority Medium
RCRA YES

Maintenance Number PC-2019-00045 **Maintenance Status** Complete
Inspection Date 5/16/2019 **Chemical Type** NA
Completion Date 7/9/2019 **Chemical Name**
Amount Used

Description Of Maintenance Item

Rp-rap ditches inside the fence need herbicide applied

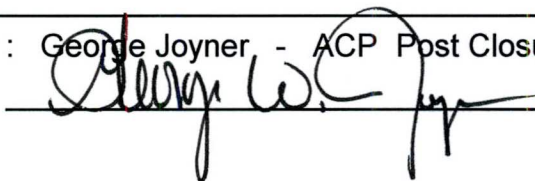
Maintenance Item Corrected

Site Roads&Grounds applied herbicibe

Notes New observation.

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

7/10/19

POST CLOSURE MAINTENANCE REGISTER

Index Number

Unit Name

15 METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY - 904-110G

Watershed UPPER THREE RUNS

AHA # NA
Work Order #
Work Group ROADS & GROUNDS
Priority Medium
RCRA YES

Maintenance Number PC-2019-00046 **Maintenance Status** Complete
Inspection Date 5/16/2019 **Chemical Type** NA
Completion Date 7/9/2019 **Chemical Name**
Amount Used

Description Of Maintenance Item

Vegetation needs herbicide applied in A-008 Diversion Ditch

Maintenance Item Corrected

Site Roads&Grounds applied herbicibe

Notes New observation.

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

7/10/19

POST CLOSURE MAINTENANCE REGISTER

Index Number

Unit Name

15 METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY - 904-110G

Watershed UPPER THREE RUNS

AHA # NA
Work Order # NA
Work Group O&M MAINTENANCE
Priority Medium
RCRA YES

Maintenance Number PC-2019-00047 **Maintenance Status** Complete
Inspection Date 5/16/2019 **Chemical Type**
Completion Date 7/2/2019 **Chemical Name**
Amount Used

Description Of Maintenance Item
Two waste unit signs need replacing

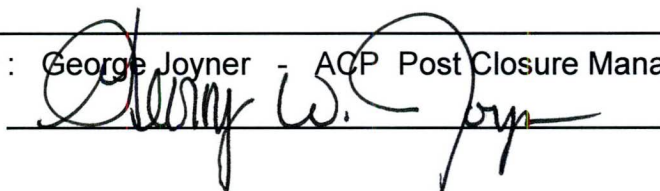
Maintenance Item Corrected

Issued request to sign shop to fabricated new signs, Signs were installed by post closure maintenance

Notes New observation.

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

7/10/19

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Title (R) METALLURGICAL LABORATORY HAZARDOUS WASTE MANAGEMENT FACILITY (HWMF) POST CLOSURE FIELD INSPECTION CHECKLIST						
Change Author User ID	Primary Author/Contact Dexter Mcdaniel	Location 730-4B Rm 135	Phone Number (803) 952-7401	Organization Code F4113	Organization Archival & Acp Records Process	
Additional Authors		Additional Authors ' User IDs		Additional Authors ' Names:		
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