

**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD  
OPERATING PROCEDURES, VOL. I**
**C-REACTOR SEEPAGE BASIN (BLDGS. 904-66G, 904-67G AND 904-68G) FIELD INSPECTION  
CHECKLIST**

Manual: C3  
 Procedure: ER-IDS-019-013  
 Revision: 5  
 Effective Date: 06/02/2016  
 Type-Class: Form  
 Page: 1 of 3

**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

*4-3-18*

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 to waste unit are accessible.	A	
2.	Verify that the waste unit signs (5) and the subsurface process piping signs (6) are in acceptable condition have correct information and are legible from a distance of 25 feet.	A	

## C-Reactor Seepage Basin (Bldgs. 904-66G, 904-67G And 904-68G) Field Inspection Checklist

Manual: C3  
 Procedure: ER-IDS-019-013  
 Revision: 5  
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 SCHEDULED

 UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
3.	Verify the fence is in good condition and the gate is locked.	X	BRUSH + TREE LIMBS NEEDS CUTTING + REMOVING FROM FENCE LINE. SEE MAP NOTE (1). REF. MAINT Register PL-2018-00032
4.	Verify that there is no excavating, digging or construction activity on the soil cover or over the subsurface process piping (identified by signs).	A	
5.	Verify that no woody vegetation is growing on the soil cover. Remove or identify as needed.	A	
6.	Visually check vegetative cover for grass density with no bare spots more than 3 feet by 3 feet in area. The height of the vegetation should not impair the visual inspection of the soil cover. This will be determined by the Inspector.	A	
7.	Check the soil cover for signs of erosion or depressions (subsidence).	A	
8.	Check for signs of burrowing animals.	X	ACTIVE ANT MOUNDS ON SOIL COVER. SEE MAP NOTE (2). REF. MAINT Register PL-2018-00033
9.	Other	X	THE AREA OVER THE SUBSURFACE PIPING NEEDS CUTTING. SEE MAP NOTE (3). REF. MAINT Register PL-2018-00034

## Inspected By

CHARLES P. CARTER (Print Name)	Charles P. Carter (Signature)	4-3-18 (Date)
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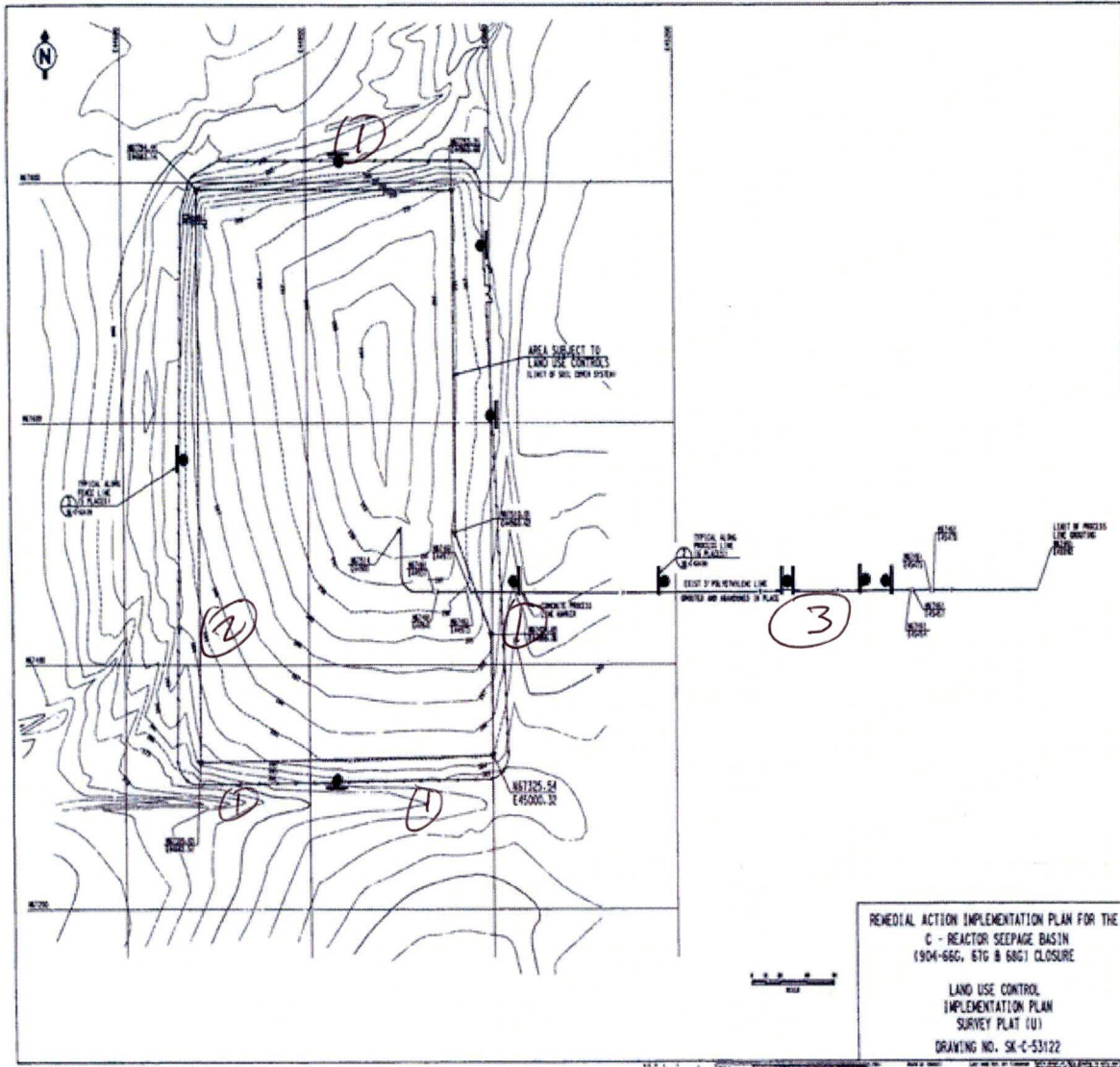
## Review By Post-Closure Manager

George W. Joyner (Print Name)	George W. Joyner (Signature)	5/29/18 (Date)
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C-Reactor Seepage Basin (Bldgs. 904-66G, 904-67G And 904-68G) Field Inspection Checklist

Manual: C3  
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MAP C-REACTOR SEEPAGE BASIN (Bldgs. 904-66G, 904-67G & 904-68G)



NOTES: ① = BRUSH + TREE LIMBS NEEDS CUTTING + REMOVING FROM FENCE LINE. USFS WILL CUT AND REMOVE. ② = ACTIVE ANT MOUNDS ON SOIL COVER. Applied .5 lb OF EXTINGUISH ANT BAIT ③ = THE AREA OVER THE SUB SURFACE PIPING NEEDS CUTTING. USFS WILL CUT.

NO FURTHER ENTRIES

CPL 4-4-18  
 C.P.L. 3

# POST CLOSURE MAINTENANCE REGISTER

Index Number	Unit Name
53	C -AREA REACTOR SEEPAGE BASIN - 904 - 066G
54	C -AREA REACTOR SEEPAGE BASIN - 904 - 067G
55	C -AREA REACTOR SEEPAGE BASIN - 904 - 068G

**Watershed** FOURMILE BRANCH

AHA # AHA-ER-5534  
 Work Order # NA  
 Work Group POST CLOSURE MAINTENANCE  
 Priority Medium  
 RCRA NO

<b>Maintenance Number</b>	PC-2018-00033	Maintenance Status	Complete
Inspection Date	4/3/2018	Chemical Type	Pesticide
Completion Date	4/3/2018	Chemical Name	Extinguish
		Amount Used	0.5 Pounds

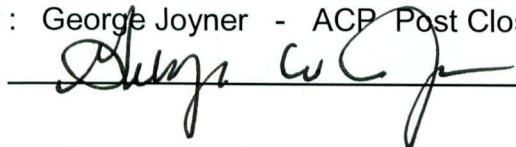
**Description Of Maintenance Item**  
Active ant mounds on waste unit

**Maintenance Item Corrected**  
Applied Extinguish pesticide

**Notes** New observation.

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

5/29/18

# POST CLOSURE MAINTENANCE REGISTER

Index Number	Unit Name
53	C -AREA REACTOR SEEPAGE BASIN - 904 - 066G
54	C -AREA REACTOR SEEPAGE BASIN - 904 - 067G
55	C -AREA REACTOR SEEPAGE BASIN - 904 - 068G

**Watershed** FOURMILE BRANCH

AHA # NA  
 Work Order # N/A  
 Work Group USFS  
 Priority Medium  
 RCRA NO

**Maintenance Number** PC-2018-00032      **Maintenance Status** Complete  
**Inspection Date** 4/3/2018      **Chemical Type** NA  
**Completion Date** 1/10/2019      **Chemical Name**  
                                                                                          **Amount Used**

### Description Of Maintenance Item

Brush and tree limbs need cutting and removing from the waste unit fence line.

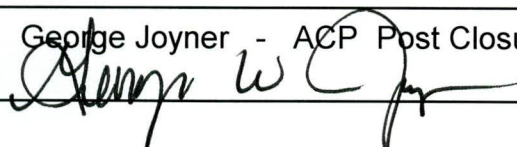
### Maintenance Item Corrected

USFS cut and removed brush and tree limbs from waste unit perimeter fence

**Notes** New observation

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

1/28/19

# POST CLOSURE MAINTENANCE REGISTER

Index Number	Unit Name
53	C -AREA REACTOR SEEPAGE BASIN - 904 - 066G
54	C -AREA REACTOR SEEPAGE BASIN - 904 - 067G
55	C -AREA REACTOR SEEPAGE BASIN - 904 - 068G

**Watershed** FOURMILE BRANCH

AHA # NA  
 Work Order # N/A  
 Work Group USFS  
 Priority Medium  
 RCRA NO

**Maintenance Number** PC-2018-00034      **Maintenance Status** Complete  
**Inspection Date** 4/3/2018      **Chemical Type** NA  
**Completion Date** 1/9/2019      **Chemical Name**  
 Amount Used

### Description Of Maintenance Item

The area over the subsurface process piping needs cutting.

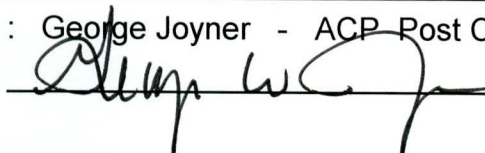
### Maintenance Item Corrected

USFS cut the area over the subsurface process piping.

**Notes** New observation

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

1/28/19