

**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD  
OPERATING PROCEDURES, VOL. I**
**Manual: C3**  
**Procedure: ER-IDS-019-048**  
**Revision: 5**  
**Effective Date: 06/01/2016**  
**Type-Class: Form**  
**Page: 1 of 3**
**R-REACTOR SEEPAGE BASINS 904-57G, 904-58G, 904-59G, 904-60G, 904-103G AND 904-104G  
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

09/30/2020

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**

<b>A = Satisfactory</b> <b>X = Unsatisfactory (Explanation required)</b>		A or X	Observation/Corrective Action Taken
1.	Verify roads are accessible.	A	
2.	Verify waste unit signs (23) and granite monument (5) are in acceptable condition, have correct information, and are legible from a distance of 25 feet.	A	

R-Reactor Seepage Basins 904-57G, 904-58G, 904-59G, 904-60G, 904-103G And 904-104G Field  
Inspection Checklist

Manual: C3  
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SCHEDULED  UNSCHEDULED

A = Satisfactory X = Unsatisfactory (Explanation required)		A or X	Observation/Corrective Action Taken
3.	Verify fence is in good condition and locked (five locations).	A	
4.	Check asphalt cover for signs excessive cracking, depressions (subsidence), and burrowing animals.	X	Cracks are present on the northern side of the asphalt. See map note: 1 Ref. Maint. Register PC-2020-00070
5.	Verify no woody vegetation is growing through asphalt bioturbation barrier. Remove or identify as needed.	X	Very small pine saplings are growing through the cracks in the asphalt See map note: 2 Ref. Maint. Register PC-2020-00071
6.	Verify there has not occurred excessive deterioration of concrete cover.	A	
7.	Check integrity of sediment basins (2) and drainage ditches for presence of excessive erosion, sediment build-up, and debris restricting water flow.	X	Erosion reoccurred on the side slope of the North sediment basin. See map note: 3 Ref. Maint. Register: PC-2020-00072
8.	Visually check buffer vegetative grass density. The height of vegetative cover should not impair visual inspection of asphalt or concrete cover. This will be determined by the Inspector.	A	
9.	Verify there are no unauthorized excavation, digging, or construction activities in R-Reactor Seepage Basin Operable Unit (RRSBOU).	A	
10.	Other	<b>NO FURTHER ENTRIES</b>	

CPC 09/30/2020

Inspected By		
Charles P. Carter <i>(Print Name)</i>	<i>Charles P. Carter</i> <i>(Signature)</i>	09/30/2020 <i>(Date)</i>

Review By Post-Closure Manager		
George W. Joyner <i>(Print Name)</i>	<i>George W. Joyner</i> <i>(Signature)</i>	<del>9/30/2020</del> 9/30/20 <i>(Date)</i>

9/30/2020



**NOTES:** 1=Cracks are present on the northern side of the asphalt. Cracks will be repaired by a subcontractor in Fiscal Year 2021.

2=Very small pine saplings are growing through the cracks in the asphalt. Herbicide will be applied to eliminate the saplings

3=Erosion on the side slope of the North sediment basin. Post Closure Maintenance will repair the eroded areas by installing a layer of rock/ Rip-Rap.

NO FURTHER ENTRIES

CPC 09/30/2020

# POST CLOSURE MAINTENANCE REGISTER

**Index Number**

**Unit Name**

121 R - REACTOR SEEPAGE BASIN

**Watershed** LOWER THREE RUNS

AHA # N/A  
Work Order # N/A  
Work Group SUB CONTRACTOR  
Priority Medium  
RCRA NO

**Maintenance Number** PC-2020-00070      **Maintenance Status** Complete  
**Inspection Date** 9/30/2020      **Chemical Type** NA  
**Completion Date** 9/16/2021      **Chemical Name**  
**Amount Used**

**Description Of Maintenance Item**

Cracks are present on the northern side of the asphalt.. The cracks will be repaired in Fiscal Year 2021.

**Maintenance Item Corrected**

Subcontractor cleaned and filled cracks with sealant and applied two coats of sealant to the entire asphalted area.

**Notes** New observation

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

9/28/21

# POST CLOSURE MAINTENANCE REGISTER

**Index Number**

**Unit Name**

121 R - REACTOR SEEPAGE BASIN

**Watershed** LOWER THREE RUNS

AHA # NA  
Work Order # N/A  
Work Group ROADS & GROUNDS  
Priority Medium  
RCRA NO

**Maintenance Number** PC-2020-00071      **Maintenance Status** Complete  
**Inspection Date** 9/30/2020      **Chemical Type** NA  
**Completion Date** 10/1/2020      **Chemical Name**  
**Amount Used**

**Description Of Maintenance Item**

Very small pine saplings are growing through the cracks in the asphalt

**Maintenance Item Corrected**

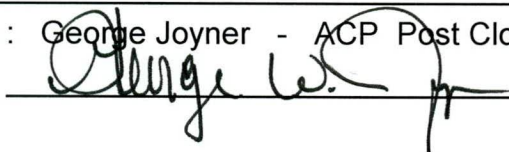
Site Roads & Grounds applied herbicide to kill pine saplings

**Notes** New observation

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

10/1/20

# POST CLOSURE MAINTENANCE REGISTER

**Index Number**

**Unit Name**

121 R - REACTOR SEEPAGE BASIN

**Watershed** LOWER THREE RUNS

AHA # AHA-ER-5534

Work Order # N/A

Work Group POST CLOSURE MAINTENANCE

Priority Medium

RCRA NO

**Maintenance Number** PC-2020-00072

**Maintenance Status** Complete

Inspection Date 9/30/2020

**Chemical Type** NA

Completion Date 10/1/2020

**Chemical Name**

**Amount Used**

## Description Of Maintenance Item

Erosion reoccurred on the side slope of the North sediment basin.

## Maintenance Item Corrected

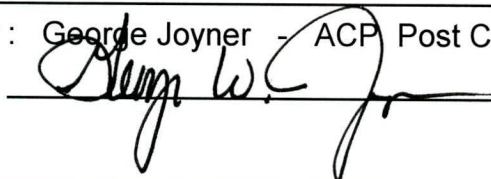
Post Closure Maintenance repaired the eroded area by installing a layer of rock/ Rip-Rap.

**Notes** New observation

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

10/1/20