

**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

09/04/2019

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.	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

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	Approximately a 1/2"x 90' crack in the asphalt on the Northeast side. The crack is large enough for surface water to pass through. See map note: 1 Ref. Maint. Register PC-2019-00079
5.	Verify no woody vegetation is growing through asphalt bioturbation barrier. Remove or identify as needed.	A	
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 on the side slope of the North sediment basin. See map note: 2 Ref. Maint. Register: PC-2019-00080
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	NO FURTHER ENTRIES	

CPC 09/04/2019

Inspected By		
Charles P. Carter <i>(Print Name)</i>	<i>Charles P. Carter</i> <i>(Signature)</i>	09/04/2019 <i>(Date)</i>

Review By Post-Closure Manager		
George W. Joyner <i>(Print Name)</i>	<i>George W. Joyner</i> <i>(Signature)</i>	9/16/19 <i>(Date)</i>



NOTES: 1=Approximately a 1/2"x 90' crack in the asphalt on the Northeast side. The crack is large enough for surface water to pass through. The crack will be repaired during the asphalt recoating process, which is to be scheduled in FY 20.

2=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 09/04/2019

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-2019-00080

Maintenance Status Complete

Inspection Date 9/4/2019

Chemical Type NA

Completion Date 9/13/2019

Chemical Name

Amount Used

Description Of Maintenance Item

Erosion on the side slope of the North sediment basin

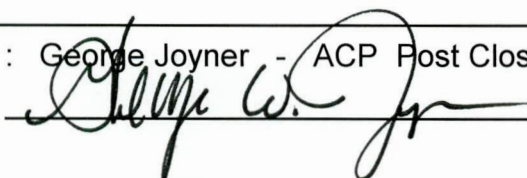
Maintenance Item Corrected

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

Notes New observation

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

9/16/19

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-2019-00079 **Maintenance Status** Complete
Inspection Date 9/4/2019 **Chemical Type** NA
Completion Date 9/30/2020 **Chemical Name**
Amount Used

Description Of Maintenance Item

Approximately a 1/2"x 90' crack in the asphalt on the Northeast side. The crack is large enough for surface water to pass through. The crack will be repaired during the asphalt recoating process, which is to be scheduled in FY 20.

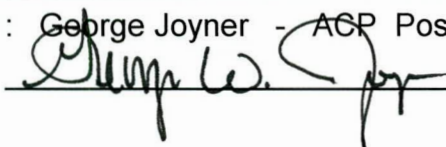
Maintenance Item Corrected

Subcontractor cleaned and filled crack with sealant

Notes New observation

Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

9/30/20