

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

9-11-18

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<br>X = Unsatisfactory (Explanation required) |  | A or X | Observation/Corrective Action Taken  |
|---|--|--------|--|
| 1.  | Verify roads are accessible.   | X      | PERIMETER NEEDS CUTTING. SEEMAP NOTE ①<br>REF. MAINT. REGISTER PC-2018-00091 |
| 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  
 Procedure: ER-IDS-019-048  
 Revision: 5  
 Page: 2 of 3

SCHEDULED

UNSCHEDULED

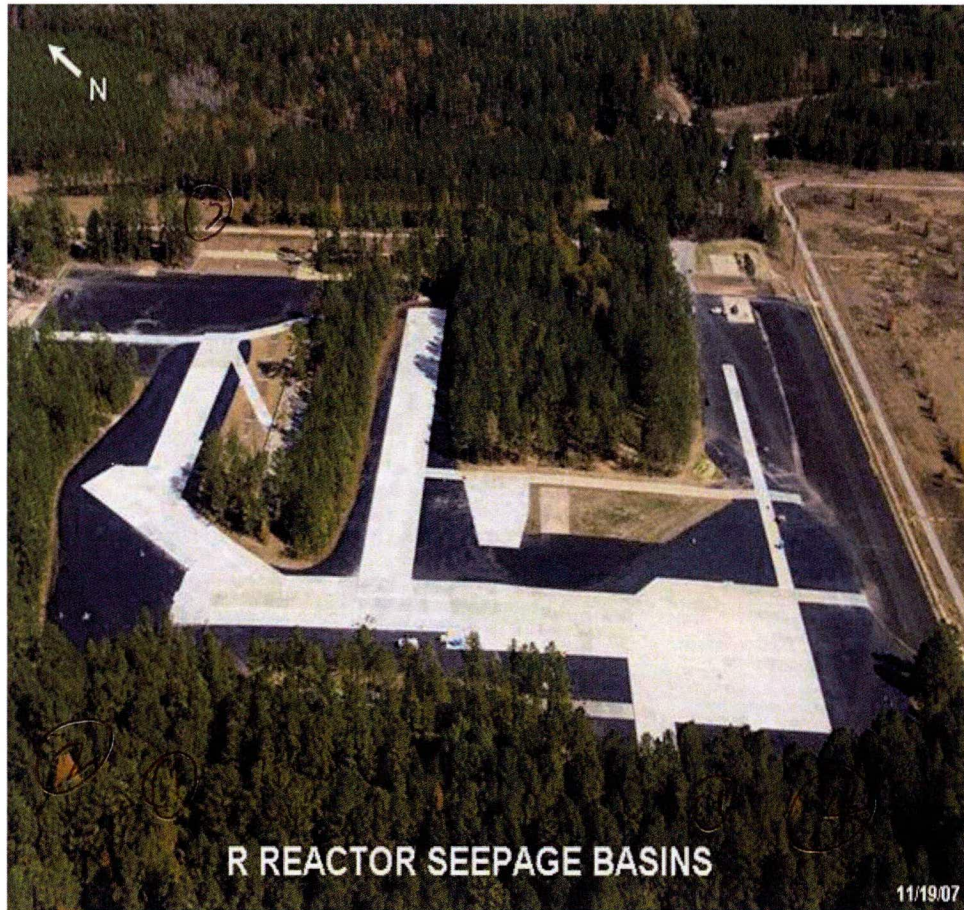
| A = Satisfactory<br>X = Unsatisfactory (Explanation required) |  | A or X | Observation/Corrective Action Taken  |
|---|--|--------|--|
| 3.  | Verify fence is in good condition and locked (five locations).   | X      | DEAD TREE ON FENCE. SEE MAP NOTE: (2)<br>REF. MAINT. REGISTER PC-2018-00092  |
| 4.  | Check asphalt cover for signs excessive cracking, depressions (subsidence), and burrowing animals.   | A      |  |
| 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      | OUTLET OF DRAINAGE DITCH NEEDS VEGETATION/<br>BRUSH REMOVED. SEE MAP NOTE: (3)<br>REF. MAINT. REGISTER PC-2018-00093 |
| 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<br>VEGETATION ON FENCE   | X      | VEGETATION GROWING ON FENCE.<br>SEE MAP NOTE: (4) REF. MAINT REGISTER PC-2018-00094                                  |

Inspected By

|                                   |                                  |                   |
|-----------------------------------|----------------------------------|-------------------|
| CHARLES P. CARTER<br>(Print Name) | Charles P. Carter<br>(Signature) | 9-11-18<br>(Date) |
|-----------------------------------|----------------------------------|-------------------|

Review By Post-Closure Manager

|                                  |                                 |                   |
|----------------------------------|---------------------------------|-------------------|
| George W. Soyner<br>(Print Name) | George W. Soyner<br>(Signature) | 10/8/18<br>(Date) |
|----------------------------------|---------------------------------|-------------------|



NOTES: (1) = PERIMETER ROAD NEEDS CUTTING. USFS WILL CUT ROAD. (2) = DEAD TREES ON PERIMETER FENCE. USFS WILL CUT AND REMOVE TREES. (3) = OUTLET DRAINAGE DITCH NEEDS VEGETATION/ BRUSH REMOVED. USFS WILL CUT + REMOVE. (4) = VEGETATION GROWING ON THE PERIMETER FENCE. HERBICIDE WILL BE APPLIED TO KILL VEGETATION.

CPL 9-11-18

# 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 USFS  
Priority Medium  
RCRA NO

**Maintenance Number** PC-2018-00091      **Maintenance Status** Complete  
**Inspection Date** 9/11/2018      **Chemical Type** NA  
**Completion Date** 9/18/2018      **Chemical Name**  
**Amount Used**

**Description Of Maintenance Item**

Perimeter road around the waste unit needs cutting/mowed.

**Maintenance Item Corrected**

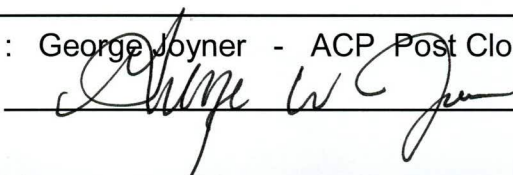
USFS cut/mowed perimeter road around waste unit.

**Notes** New observation

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

10/8/18

# 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 USFS  
Priority Medium  
RCRA NO

**Maintenance Number** PC-2018-00092

**Maintenance Status** Complete

**Inspection Date** 9/11/2018

**Chemical Type** NA

**Completion Date** 9/26/2018

**Chemical Name**  
**Amount Used**

**Description Of Maintenance Item**  
Dead trees on the perimeter fence.

**Maintenance Item Corrected**

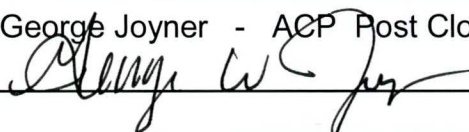
USFS cut and removed dead trees from on the perimeter fence.

**Notes** New observation

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

10/8/18

# 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 USFS  
Priority Medium  
RCRA NO

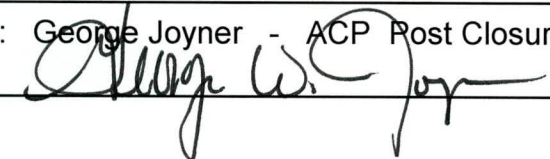
**Maintenance Number** PC-2018-00093 **Maintenance Status** Complete  
Inspection Date 9/11/2018 **Chemical Type** NA  
Completion Date 12/12/2018 **Chemical Name**  
**Amount Used**

**Description Of Maintenance Item**  
Outlet of ditches needs vegetation/brush removed

**Maintenance Item Corrected**  
USFS cut and removed vegetation/ brush from outlet ditches.

**Notes** New observation

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Approved by : George Joyner - ACP Post Closure Manager  
Signature  Approval date : 1/3/19

# 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-2018-00094      **Maintenance Status** Complete  
**Inspection Date** 9/11/2018      **Chemical Type** NA  
**Completion Date** 9/25/2018      **Chemical Name**  
**Amount Used**

**Description Of Maintenance Item**

Vegetation growing on perimeter fence needs herbicide applied.

**Maintenance Item Corrected**

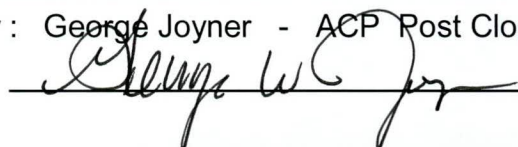
Site Roads & Grounds applied herbicide to kill vegetation growing on fence.

**Notes** New observation

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

10/18/18

# 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 USFS  
Priority Medium  
RCRA NO

**Maintenance Number** PC-2018-00093      **Maintenance Status** Complete  
**Inspection Date** 9/11/2018      **Chemical Type** NA  
**Completion Date** 12/12/2018      **Chemical Name**  
**Amount Used**

**Description Of Maintenance Item**

Outlet of ditches needs vegetation/brush removed

**Maintenance Item Corrected**

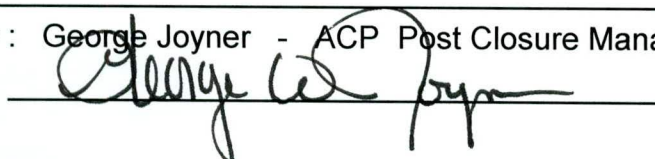
USFS cut and removed vegetation/ brush from outlet ditches.

**Notes** New observation

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

9/5/19