

**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD  
OPERATING PROCEDURES, VOL. I**
**Manual: C3**  
**Procedure: ER-IDS-019-025**  
**Revision: 5**  
**Effective Date: 06/02/2016**  
**Type-Class: Form**  
**Page: 1 of 3**
**L-REACTOR SEEPAGE BASIN (BLDG. 904-64G) 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

06/06/2019  
 \_\_\_\_\_  
 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**

| <b>A = Satisfactory</b><br><b>X = Unsatisfactory (Explanation required)</b> |   | A or X | Observation/Corrective Action Taken |
|---|---|--------|-------------------------------------|
| 1.  | Verify roads to waste unit are accessible.  | A      |                                     |
| 2.  | Verify that the waste unit signs (6) and the underground piping signs (6) are in acceptable condition, have the correct information and are legible from a distance of 25 feet. | A      |                                     |

L-Reactor Seepage Basin (Bldg. 904-64G) Field Inspection Checklist

Manual: C3  
 Procedure: ER-IDS-019-025  
 Revision: 5  
 Page: 2 of 3

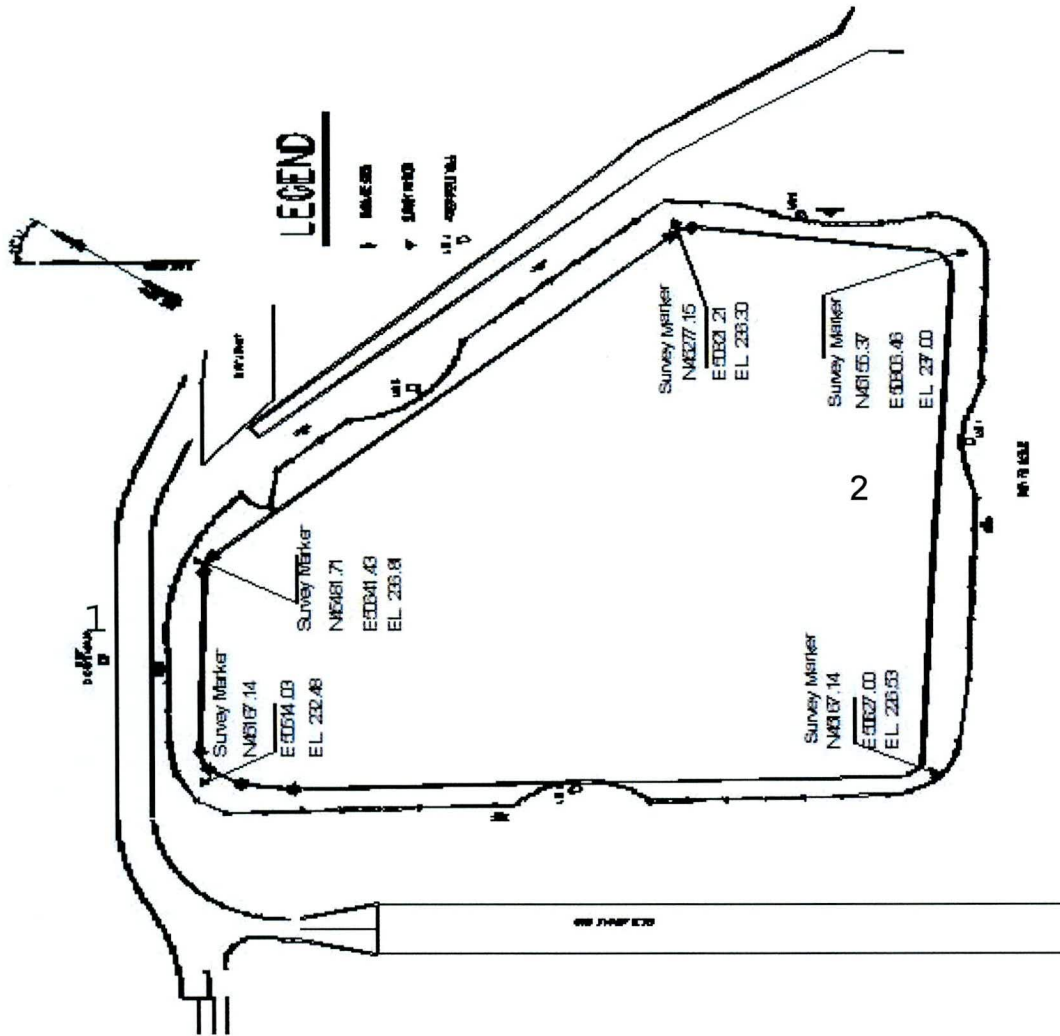
SCHEDULED  UNSCHEDULED

| A = Satisfactory<br>X = Unsatisfactory (Explanation required) |  | A or X | Observation/Corrective Action Taken   |
|---|--|--------|---|
| 3.  | Verify that the fence is in good condition and the gate is locked.   | A      |   |
| 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.  | Check the integrity of the drainage ditches for the presence of excessive erosion, sediment buildup and debris restricting water flow.   | A      |   |
| 6.  | Verify that no woody vegetation is growing on the soil cover. Remove or identify as needed.  | A      |   |
| 7.  | 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      |   |
| 8.  | Check the soil cover for signs of erosion or depressions (subsidence).   | A      |   |
| 9.  | Check for evidence of burrowing animals.   | X      | Shallow hog damage (rooting) over the subsurface process piping<br>See map note:1<br>Ref. maint. register PC-2019-00056 |
| 10.   | Other <b>Ant Mounds</b>  | X      | Active ant mounds on soil cover<br>See map note:2<br>Ref. maint. register: PC-2019-00057                                |

| Inspected By                      |   |                      |
|-----------------------------------|---|----------------------|
| Charles P. Carter<br>(Print Name) | <i>Charles P. Carter</i><br>(Signature) | 06/06/2019<br>(Date) |

| Review By Post-Closure Manager   |  |                   |
|----------------------------------|--|-------------------|
| George W. Joyner<br>(Print Name) | <i>George W. Joyner</i><br>(Signature) | 6/11/19<br>(Date) |

MAP L-REACTOR SEEPAGE BASIN (BLDG. 904-64G)



**NOTES:** 1=Shallow hog damage (rooting) over the subsurface process piping. The USFS will repair with topsoil, grass seed and straw. 2=Active ant mounds on soil cover. Applied .25 lbs of Extinguish ant bait.

NO FURTHER ENTRIES

# POST CLOSURE MAINTENANCE REGISTER

**Index Number**

**Unit Name**

306 L -AREA REACTOR SEEPAGE BASIN - 904-64G

**Watershed** STEEL CREEK

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

**Maintenance Number** PC-2019-00057      **Maintenance Status** Complete  
**Inspection Date** 6/6/2019      **Chemical Type** Pesticide  
**Completion Date** 6/6/2019      **Chemical Name** Extinguish  
**Amount Used** 0.25 Pounds

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

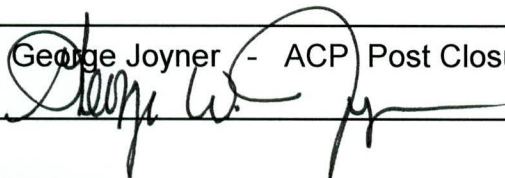
**Maintenance Item Corrected**  
Applied Extinguish pesticide

**Notes** New observation

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Approved by : George Joyner - ACP Post Closure Manager

Signature



Approval date :

6/11/19

# POST CLOSURE MAINTENANCE REGISTER

**Index Number**

**Unit Name**

306 L -AREA REACTOR SEEPAGE BASIN - 904-64G

**Watershed** STEEL CREEK

AHA # NA  
Work Order # NA  
Work Group USFS  
Priority Medium  
RCRA NO

**Maintenance Number** PC-2019-00056      **Maintenance Status** Complete  
Inspection Date 6/6/2019      **Chemical Type**  
Completion Date 12/26/2019      **Chemical Name**  
Amount Used

**Description Of Maintenance Item**

Shallow hog damage(rooting) over the subsurface process piping

**Maintenance Item Corrected**

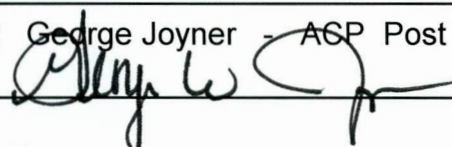
USFS repaired hog damage with topsoil, grass seed and straw

**Notes** New observation

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Approved by : George Joyner - ASP Post Closure Manager

Signature



Approval date :

12/30/19

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|--|--|---|--|---|---|--|
| <a href="#">Document Number (R)</a><br>SRNS-J2000-2019-00958   | <a href="#">Rev</a><br>6                               | <a href="#">Doc. Date (R)</a><br>11/20/2019                   | <a href="#">Requested Approval (R)</a><br>12/30/2019 | <a href="#">Speed Chart Number (R)</a><br>07YXBPMDOC  |   |  |
| <a href="#">Title (R)</a> ENVIRONMENTAL COMPLIANCE AND AREA COMPLETION PROJECTS (EC&ACP) STANDARD OPERATING PROCEDURES VOL. 1  |  |   |  |   |   |  |
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