

**ENVIRONMENTAL COMPLIANCE & AREA COMPLETION PROJECTS (EC&ACP) STANDARD  
OPERATING PROCEDURES, VOL. I**
**Manual: C3**  
**Procedure: ER-IDS-019-012**  
**Revision: 6**  
**Effective Date: 06/01/2016**  
**Type-Class: Form**  
**Page: 1 of 3**
**K-AREA REACTOR SEEPAGE BASIN (BLDG. 904-65G) 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

04/21/2020

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><br><b>X = Unsatisfactory (Explanation required)</b> |  | A or X   | Observation/Corrective Action Taken |
|---|--|----------|-------------------------------------|
| 1.  | Verify roads are accessible.   | <b>A</b> |                                     |
| 2.  | Verify waste unit signs (4) and subsurface process piping signs (5) are in acceptable condition, have correct information, and are legible from a distance of 25 feet. | <b>A</b> |                                     |

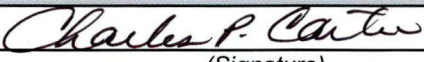
K-Area Reactor Seepage Basin (Bldg. 904-65G) Field Inspection Checklist

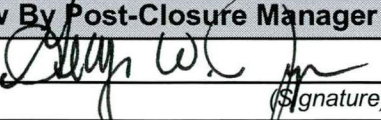
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SCHEDULED                       UNSCHEDULED

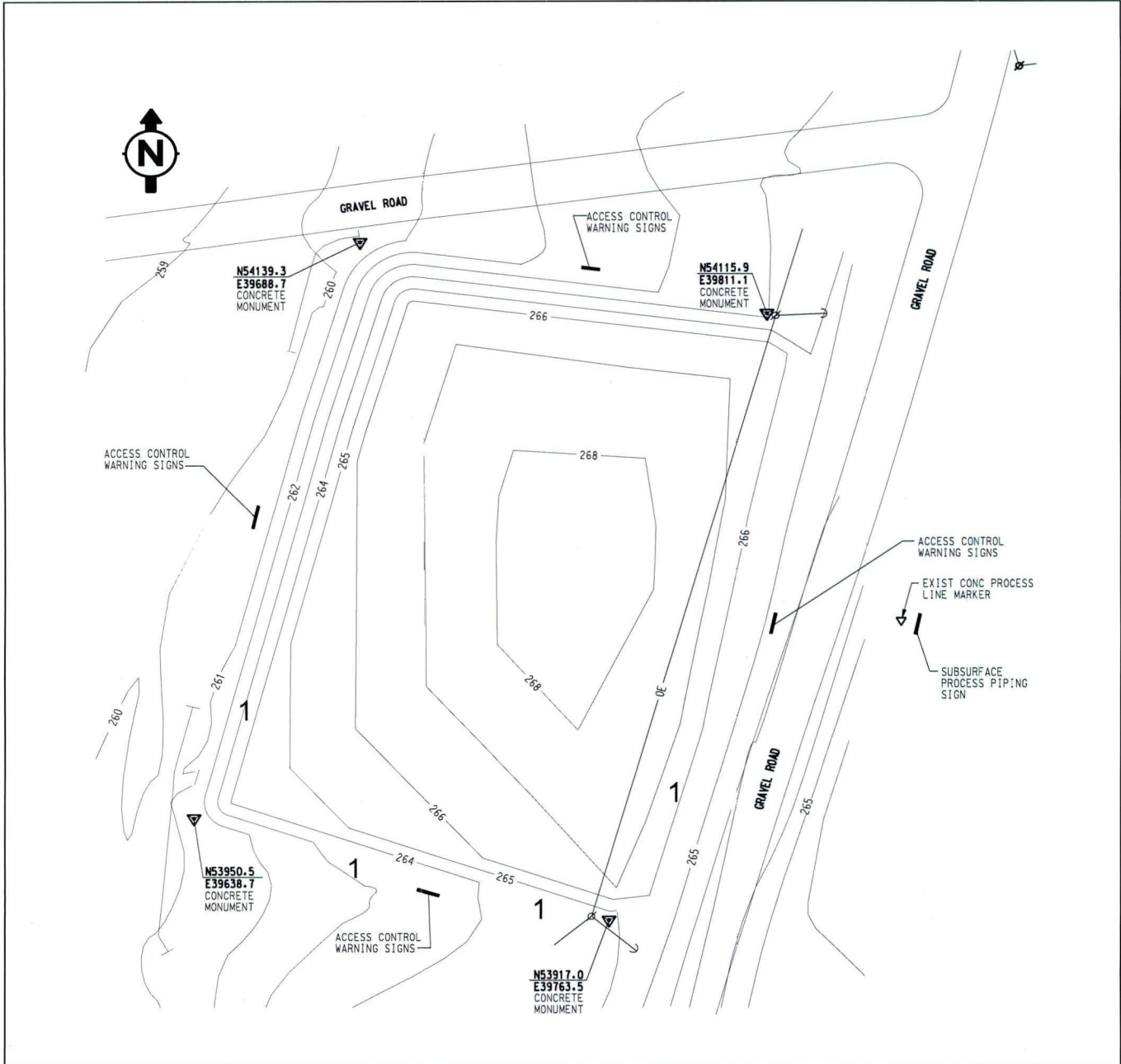
| A = Satisfactory                          |  | A or X                    | Observation/Corrective Action Taken   |
|---|--|---------------------------|---|
| X = Unsatisfactory (Explanation required) |  |                           |   |
| 3.  | Verify there is no excavating, digging or construction activity on soil cover or over the subsurface process piping (identified by signs).   | X                         | Carry over item: Hogs rooting on side slopes of cap. See map note:1. Ref maint. register: PC-2018-00036 |
| 4.  | Verify no woody vegetation is growing on the soil cover. Remove or identify as needed.   | A                         |   |
| 5.  | Visually check vegetative cover for grass density with no bare spots more than 3 feet by 3 feet in area. The height of vegetation should not impair visual inspection of soil cover. This will be determined by the Inspector. | A                         |   |
| 6.  | Check soil cover for signs of erosion or depressions (subsidence).   | A                         |   |
| 7.  | Check for signs of burrowing animals.  | A                         |   |
| 8.  | Visually inspect concrete markers at four corners of basin to ensure their integrity. The markers should be visible and free of damage.  | A                         |   |
| 9.  | Other  | <b>NO FURTHER ENTRIES</b> |   |

CPC 04/21/2020

| Inspected By                             |  |                             |
|--|--|-----------------------------|
| Charles P. Carter<br><i>(Print Name)</i> | <br><i>(Signature)</i> | 04/21/2020<br><i>(Date)</i> |

| Review By Post-Closure Manager         |  |                            |
|--|--|----------------------------|
| George W Joyner<br><i>(Print Name)</i> | <br><i>(Signature)</i> | 4/21/2020<br><i>(Date)</i> |

Map of K-Area Reactor Seepage Basin (Bldg. 904-65G)



NOTES: 1: Hogs rooting on side slopes of cap. USFS will repair with topsoil, grass seed and straw.

**NO FURTHER ENTRIES**