

## FACILITY STATUS CHANGE FORM

[0088359]

<b>Date Submitted:</b> July 8, 2013	<b>Area:</b> 300 Area	<b>Control #:</b> D4-300-086
<b>Originator:</b> Chris Strand	<b>Facility ID:</b> 331C	
<b>Phone:</b> 554-2720	<b>Action Memorandum:</b> DOE/RL-2010-22, Rev 0.	

**This form documents agreement among the parties listed below on the status of the facility D&D operations and the disposition of underlying soil in accordance with the applicable regulatory decision documents.**

**Section 1: Facility Status**

- All D4 operations required by action memo complete.
- D4 operations required by action memo partially complete, remaining operations deferred.

**Description of Completed Activities and Current Conditions:**

Deactivation: Utility isolations were performed on the facility prior to beginning demolition.

Decontamination and Decommissioning: Hazardous materials were removed prior to above-grade demolition. Hazardous materials included oils, grease, mercury and freon. No asbestos containing materials were identified through inspection and testing. Hazardous material removal and waste disposition was performed in accordance with *Removal Action Work Plan for River Corridor General Decommissioning Activities (DOE/RL-2010-34, Rev 2)*.

Demolition: The 331C building was demolished in May of 2013. Demolition included both above-grade and below-grade structures. All debris was loaded out and disposed of at ERDF.

**Description of Deferral (as applicable):**

None.

**Section 2: Underlying Soil Status**

- No waste site(s) present. No additional actions anticipated.
- Documented waste site(s) present. Cleanup and closeout to be addressed under Record of Decision.
- Potential waste site discovered during D4 operations. Waste site identification number <to be> assigned. Cleanup and closeout to be addressed under Record of Decision.

**Description of Current/As-Left Conditions:**

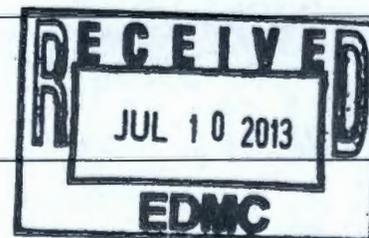
The excavation was backfilled with clean material following GPERS Surveys. No radiological or IH postings remain.

**Identification of Documented Waste Site(s) or Nature of Potential Waste Site Discovery (as applicable):**

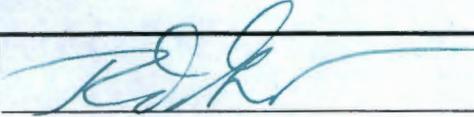
None

**Section 3: List of Attachments**

1. Facility information (building history and characterization).
2. Project Photographs.
3. GPERS Surveys (beta & gamma tracks).



# FACILITY STATUS CHANGE FORM

		<p style="font-size: 1.5em;">7/9/13</p>
DOE-RL	Date	
NA	NA	
Lead Regulator	<input type="checkbox"/> EPA <input type="checkbox"/> Ecology	Date

**DISTRIBUTION:**

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Document Control, H0-30

Administrative Record, H6-08 (300-FF-2)

SIS Coordinator: Ben Cowin, H4-22

D4 EPL: Chris Strand, L5-45

Sample Design/Cleanup Verification: Theresa Howell, H4-22

FR Engineering: Eric Ison, L1-13

FR EPL: Chris Strand, L5-45

## Attachment 1: Facility Information

### Building History

The 331-C building was a 30.5 by 15.2 m (100 by 50 ft) Butler building erected on a concrete slab. It had a low gable metal roof and served as a storage warehouse for the 331 Complex. Heating was provided by electric space heaters.

The 331-C building was located south of the 331 building and provided temporary storage space for equipment and material acquisitions until they were needed by program activities. Most recently the 331-C building was a final status Resource Conservation and Recovery Act hazardous waste container storage unit. WCH performed clean closure on the facility, which was certified and submitted to the State of Washington, Department of Ecology in July of 2011. The structure remained unused following clean closure until it was demolished in May of 2013.

### Building Characterization:

Table 1. Summary of Characterization Surveys at 331C

Type	Date	Documented In	Results Summary
Asbestos		CCN # 159185	No ACM identified.
IH Surveys and Beryllium Characterization		WCH-331C-13-003, 331-C demolished as a Be Controlled Area. No other COCs above action levels.	Building determined to be Be free prior to demolition. All other contaminants of concern below action levels.
Radiological Surveys		RSR-300PS-11-2566 RSR-300PS-11-2721 RSR-300PS-12-0965	No radiological contamination identified.

### Identification of Document Waste Sites:

There are no documented waste sites associated with 331C.

### Anomalies Discovered During Demolition:

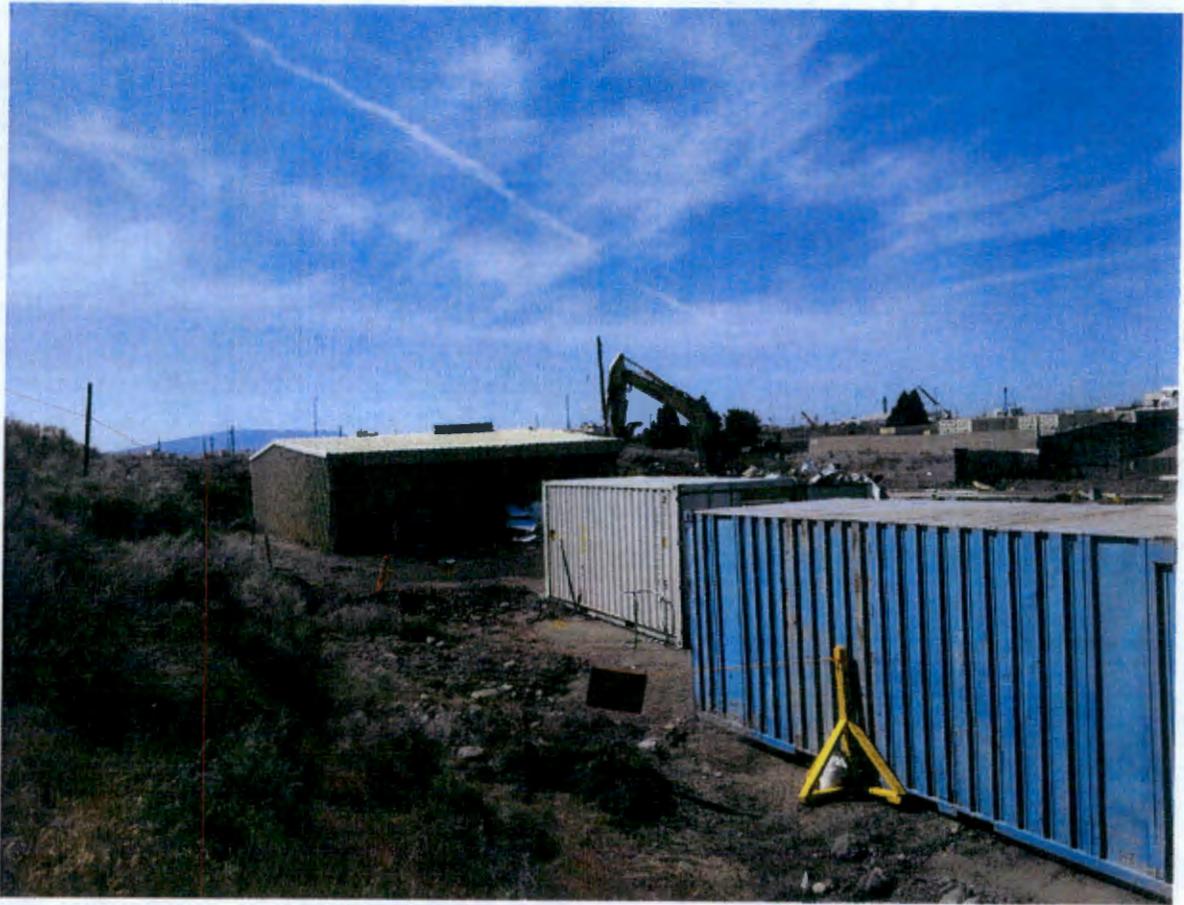
No anomalies were discovered during the below-grade removal of 331C. No soil staining within the excavation was observed and GPERS surveys identified no radiological contamination. The excavation was backfilled with clean fill material.

## Attachment 2: Project Photographs

**Photograph 1: 331C, looking northwest on June 5, 2006.**



**Photograph 2: 331 during demolition looking west on May 1, 2013.**



**Photograph 3: 331C Excavation following slab demolition,  
looking north on May 21, 2013.**



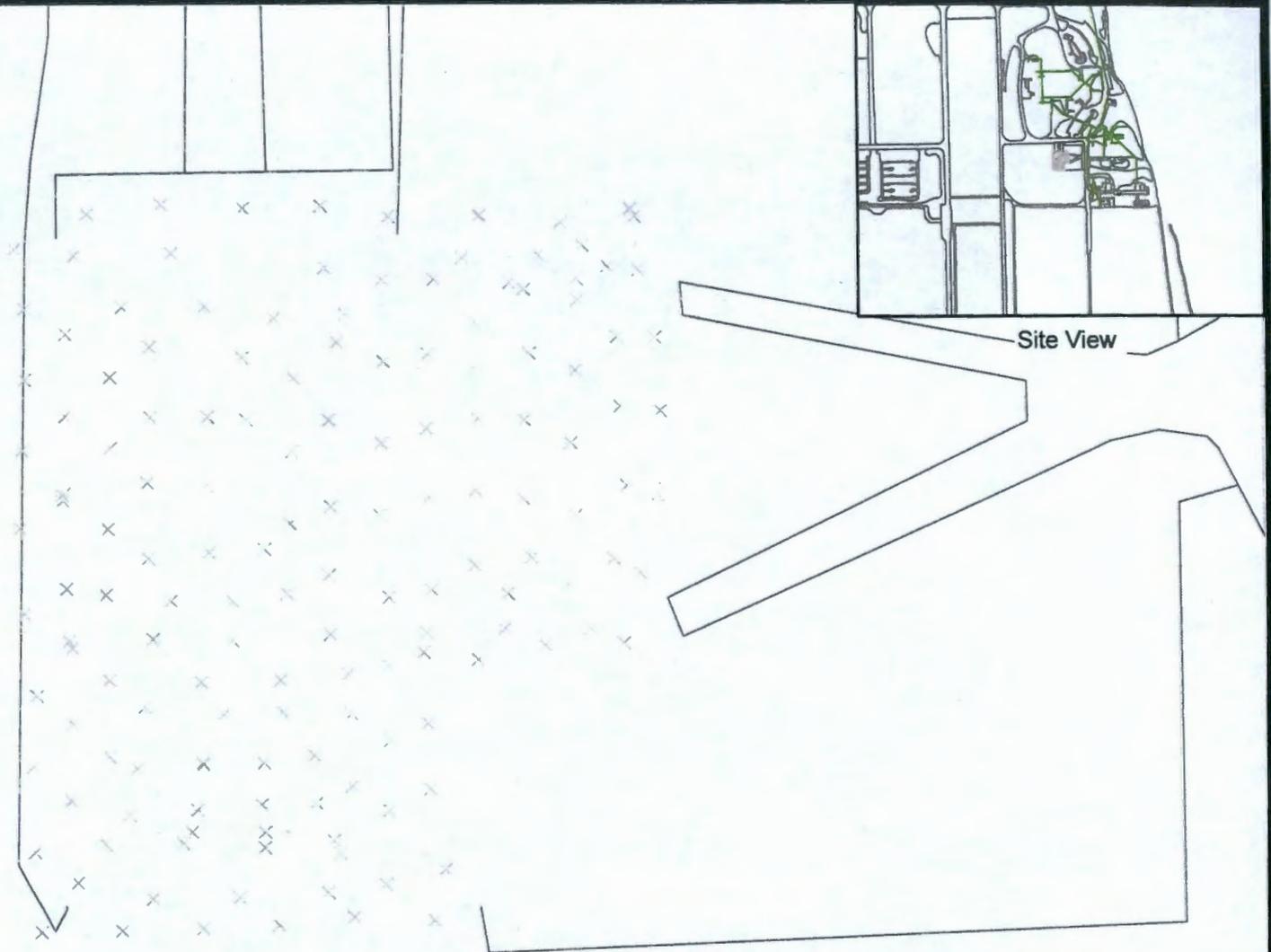
**Photograph 4: 331C following backfill looking southwest on July 3, 2013.**



**Attachment 3: GPERS Surveys  
(Beta and Gamma Tracks)**



Bkg Location  
1,185m NW  
295 cpm



Copy

Legend

NET CPM

- × <442
- 442 - 5000
- 5000 - 10000
- 10000 - 25000
- 25000

Summary Statistics

Coverage File: D4\_0150  
Number of Data Pnts: 160  
Type of Survey: beta  
Max GCPM: 508  
Avg Bkg CPM: 295  
Survey Date: 5/30/2013  
Area Surveyed: 885 m<sup>2</sup>  
Project File: ESRFRM130043B  
Pdf File: ESRFRM130043BC

300 D4  
331C

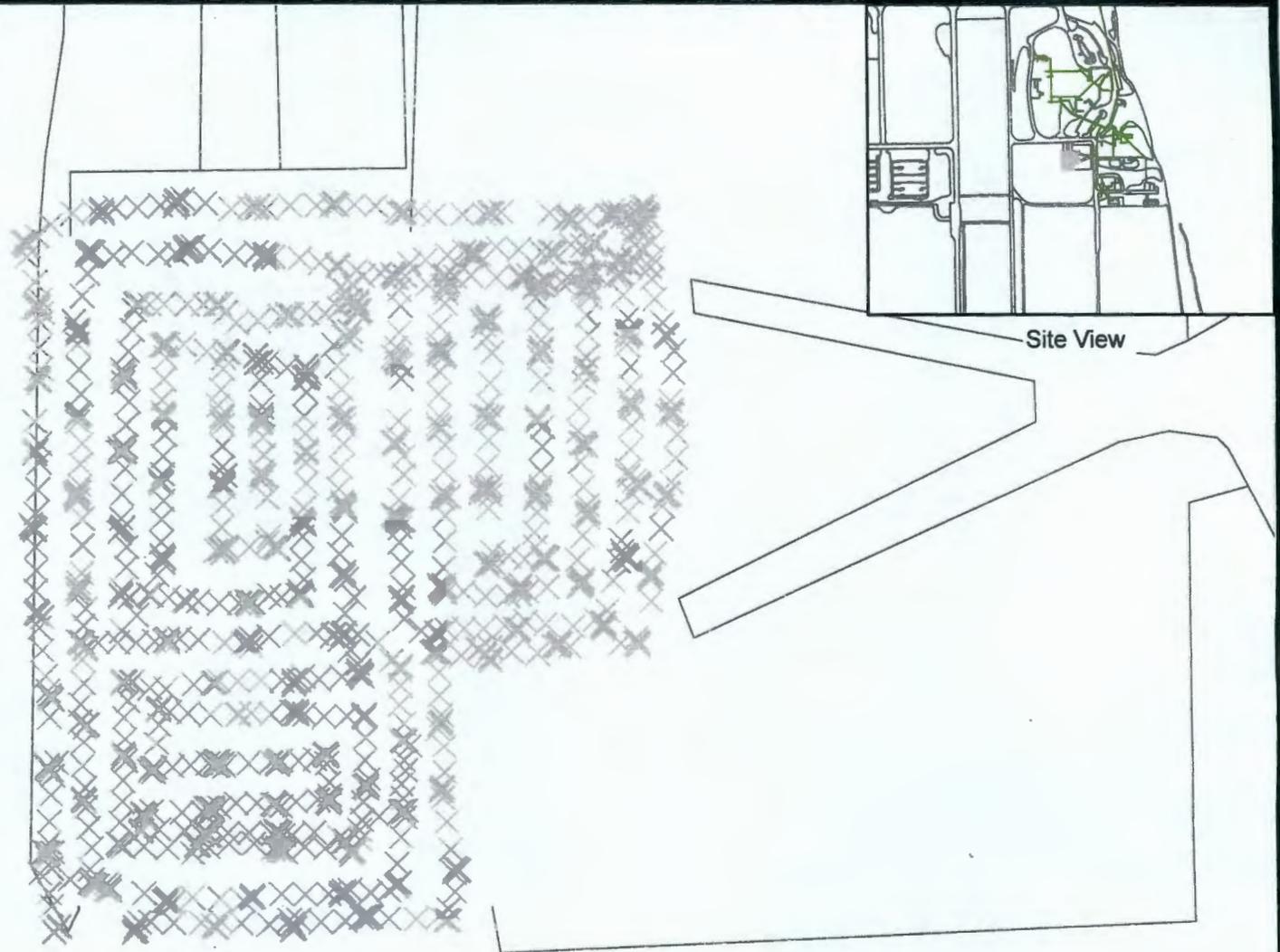
GPERS Radiological Survey  
Beta Track Map



Survey Map Prepared By Bruce Coomer, ESI



Bkg Location  
1,185m NW  
1028 cpm



Site View

Copy

Legend

- X <1542
- 1542 - 5000
- 5000 - 10000
- 10000 - 25000
- 25000

NET CPM

Summary Statistics

Coverage File: D4\_0150  
Number of Data Pnts: 2007  
Type of Survey: gamma  
Max GCPM: 2221  
Avg Bkg CPM: 1028  
Survey Date: 5/30/2013  
Area Surveyed: 865 m<sup>2</sup>  
Project File: ESRFRM130043G  
Pdf File: ESRFRM130043GC

**300 D4**  
**331C**

**GPERS Radiological Survey**  
**Gamma Track Map**

0 2 4 6 8 10  
Meters



Survey Map Prepared By Bruce Coomer, ESI