

**Shelia Mcfalls**

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**From:** HENNESSEY, BRIAN  
**Sent:** Wednesday, April 15, 2020 3:47 PM  
**To:** Shelia Mcfalls  
**Subject:** FYI: Demolition of Buildings  
**Attachments:** 9401-4 CERCLA Screen\_Recyclable Materials R0 - eDCRO\_195134.pdf

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**From:** Richards, Jon M. <Richards.Jon@epa.gov>  
**Sent:** Wednesday, April 8, 2020 5:07 PM  
**To:** HENNESSEY, BRIAN <brian.hennessey@srs.gov>; pope.robert (epa.gov) <pope.robert@epa.gov>; Fulmer, Susan <fulmersb@dhec.sc.gov>; Cathcahe (dhec.sc.gov) <Cathcahe@dhec.sc.gov>  
**Cc:** Mike Griffith <mike.griffith@srs.gov>  
**Subject:** RE: Demolition of Buildings

I've enclosed what we do at oak ridge, for these 'non-haz' simple demos, that this looks like example of  
So not sure you would consider doing something similar, but it does document this action, and we approve by emails  
And we don't see need to inspect this one

Jon Richards  
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**From:** [brian.hennessey@srs.gov](mailto:brian.hennessey@srs.gov) <[brian.hennessey@srs.gov](mailto:brian.hennessey@srs.gov)>  
**Sent:** Wednesday, April 8, 2020 4:15 PM  
**To:** Richards, Jon M. <[Richards.Jon@epa.gov](mailto:Richards.Jon@epa.gov)>; Pope, Robert <[Pope.Robert@epa.gov](mailto:Pope.Robert@epa.gov)>; Fulmer, Susan <[fulmersb@dhec.sc.gov](mailto:fulmersb@dhec.sc.gov)>; [Cathcahe@dhec.sc.gov](mailto:Cathcahe@dhec.sc.gov)  
**Cc:** [mike.griffith@srs.gov](mailto:mike.griffith@srs.gov)  
**Subject:** Demolition of Buildings

Jon and Susan,

The attachment shows two structures that SRS would like to demolish and remove. Similar to the Observation Towers, we don't believe these structures rise to the level of D&D protocol involvement, and we would like for these to be demolished & removed without preparing FDE's and DPFRs. Neither is listed in Appendix K.1. Just wanted to get your read on these if possible.

The Truck Scale House has power, but no plumbing or drains, and no material of any kind was managed in it. Literally a chair, a desk, a light and a scale readout. It's next to Road 1A in A-Area.

707-11F is a simple Handi-House storage shed with no utilities.

**SRNS-OS-2020-00180**

Please let me know if you'd like more information on these structures. If you'd like to inspect them, we will wait until a later date. If you can concur with demolishing these without FFA documentation, please let me know.

Thank you.

**Brian T. Hennessey | Federal Facility Agreement Program Manager | DOE-Savannah River**

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***"A problem well-stated is half solved." - Charles Kettering, American Inventor***

**Y-12 National Security Complex  
Oak Ridge Reservation Federal Facility Agreement  
I-15 CERCLA Screening Process for the ORR Operating Instructions  
Construction/Demolition Project CERCLA Screen  
March 25, 2020**

**Project Title:** 9401-4, 9401-4A, and 9720-92 Pre-Demolition Recyclable Materials

**Location:** Y-12 National Security Complex – 9401-4, 9401-4A, and 9720-92

**Project Type(s):**  Construction  Demolition

**Background:**

Numerous Y-12 facilities have been declared excess and will be demolished in accordance with the *Action Memorandum for the Y-12 Facilities Non-Time-Critical Removal Action Deactivation/Demolition Project, Oak Ridge, Tennessee* (DOE/OR/01-2462&D2). Several pre-demolition activities are taken to prepare the facilities for demolition, including the removal of fluids, light bulbs, batteries, circuit boards, etc., as described in the *Removal Action Work Plan for the Y-12 Facilities Deactivation/Demolition Project, Oak Ridge, Tennessee* (DOE/OR/01-2479&D1) and *Addendum to the Removal Action Work Plan for the Y-12 Facilities Deactivation/Demolition Project, Oak Ridge, Tennessee A5 – Building 9401-4 and Ancillary Facilities 9401-4A and 9720-92 Demolition* (DOE/OR/01-2479&D1/A5).

Many of the materials removed during pre-demolition activities have not been contaminated as the result of a release of hazardous substances or they can be decontaminated and be recycled. The purpose of this screen is to allow the Project the option for off-site recycling of the non-contaminated recyclable materials listed below generated from 9401-4A and 9720-92 utilizing the same facilities non-CERCLA generated recyclable materials from Y-12 are currently managed. The recyclable materials will be managed in accordance with applicable federal and state regulations; DOE Order 458.1, *Radiation Protection of the Public and the Environment*; the 2000 DOE scrap metal recycling moratorium; Y-12 recycling procedures, and receiving recycling facility acceptance criteria. Any material not meeting recycling criteria will remain under CERCLA oversight, the associated applicable or relevant and appropriate requirements, and will be dispositioned at CERCLA off-site rule approved facilities.

Removing these materials from CERCLA oversight will reduce waste management costs while still managing the materials in compliance with existing regulatory requirements; reduce landfill disposal volumes; conserve natural resources; and support EPA, TDEC, and DOE programmatic environmental stewardship policies and goals.

The recyclable materials include the following:

Quantity	Description
13	Used Lamps
5	Fuses
6	Circuit Boards
4	Non-PCB Light ballast
3	Non-PCB Capacitors
3	Ignitors (circuit plugs inside the fluorescent light fixture that are between the ballast and the fluorescent tube)
3	Photo Cells

**Y-12 National Security Complex  
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March 25, 2020**

- 1. Impact on Future Planned Remedial Action:** Evaluation whether the proposed project will interfere with existing or planned environmental remediation actions at the Y-12 National Security Complex other than soil (which is addressed in checklist item number 2, below).

*Are any Federal Facility Agreement Appendix C-listed remediation sites/facilities within the boundary of the proposed project footprint (excluding soil contamination areas, which is addressed in item 2, below)?*

Yes  No

*Will the proposed project adversely impair planned groundwater or surface water remediation activities?*

Yes  No

**NOTE:** 9401-4, 9401-4A, and 9720-92 are not listed in Appendix C, but they are included in the Action Memorandum for the Y-12 Facilities Non-Time-Critical Removal Action Deactivation/Demolition Project, Oak Ridge, Tennessee (DOE/OR/01-2462&D2) via non-significant change notice on May 14, 2019. However, the item removal and recycling action will not interfere with existing or planned environmental remediation actions at the Y-12 National Security Complex.

- 2. Soil Contamination Evaluation:** Evaluation whether the proposed project will disturb areas where soil contaminants are above soil remediation criteria as defined in the Upper East Fork Poplar Creek (UEFPC) Soil and Scrapyard Focused Feasibility Study.

*Does the proposed project footprint encompass any identified soil contamination "hotspots," as identified in the Upper East Fork Poplar Creek (UEFPC) Soil and Scrapyard Focused Feasibility Study?*

Yes  No

*Note: Any project-specific soil sampling results that show soil contamination above levels established in the Upper East Fork Poplar Creek (UEFPC) Soil and Scrapyard Focused Feasibility Study will require further consultation with regulatory agencies to identify CERCLA requirements.*

- 3. Changes to Planned Land Use:** Evaluation whether the proposed project will change the planned land use of the site from continued long term industrial use by the Federal Government for defense-related purposes.

*Will the proposed project involve change of existing land use by the U.S. Federal Government for industrial defense-related purposes?*

Yes  No

- 4. Impact on Contaminant Migration:** Evaluation whether the proposed project will potentially change contaminant migration due to changes in surface water or groundwater flow.

*Will the proposed project alter surface water or groundwater flow within the Y-12 National Security Complex, such that the potential exists to adversely impact migration of legacy contamination?*

Yes  No

- 5. Building Demolition Only – Site Characterization Evaluation:** Evaluation whether to the proposed building demolition will demolish facilities that are process contaminated with hazardous and/or

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Oak Ridge Reservation Federal Facility Agreement  
I-15 CERCLA Screening Process for the ORR Operating Instructions  
Construction/Demolition Project CERCLA Screen  
March 25, 2020

radioactive materials, such that a potential threat of release to the environment exists if the demolition is not accomplished with proper engineering controls.

*Has the facility to be demolished been known to process hazardous or radioactive materials in uncontained equipment and/or containers (i.e., excluding material storage in closed containers/tanks, process operations in gloveboxes or other contained equipment, etc.)?*

Yes    No    N/A

*Has the facility to be demolished been a Hazard Category I, II, or III Nuclear Facility, or a Chemically Hazardous Facility, as defined by the Y-12 Facility Safety Program Description?*

Yes    No    N/A

*Has the operation of the facility included any history of hazardous substance spills/releases?*

Yes    No    N/A

**NOTE:** Questions are marked as not applicable (N/A) as the item removal and recycling action is not building demolition.

**Screening Results:**

- The recyclable materials do not require CERCLA oversight
- The recyclable materials require CERCLA oversight