

**C-340 ST-90 Boxes  
Solid Waste Management Unit (SWMU) Assessment Report**

**SWMU/AOC NUMBER:** 568

**DATE OF ORIGINAL SAR:** 11/22/10

**DATE OF SAR REVISIONS:** NA

**REGULATORY STATUS:** SWMU

**LOCATION:** Along the west side of the C-340 fenced yard

**APPROXIMATE DIMENSION OR CAPACITY:** 568a: 40 ft x 40 ft; 568b: 60 ft x 20 ft

**FUNCTION:** Temporary storage of materials

**BRIEF HISTORY:** During removal of loose materials associated with deactivation activities at the C-340 Complex, waste materials contained in 17 secured ST-90 Boxes were found to have been stored at two locations along the west side of the C-340 fenced yard. Another ST-90 Box stored with these was found to be empty. The 18 ST-90 Boxes were relocated to the C-752-A Facility for sorting/segregating. SWMU 568 was visually inspected, and there were no signs of spills or releases. This area currently is being used to stage equipment necessary for the demolition of C-340.

**PRESENT OPERATIONAL STATUS:** Inactive

**DATES OPERATED:** Unknown to August 2010

**SITE/PROCESS DESCRIPTION:** An outside waste storage area.

**WASTE DESCRIPTION:** Along with non-RCRA regulated wastes, one ST-90 contained two incandescent light bulbs. The low-level waste (LLW) previously stored included paper, plastic, and cardboard debris. Please see attached SWMU 568 Waste Description and Quantity table for more detail.

**WASTE QUANTITY:** Seventeen ST-90 boxes of LLW were originally stored in this area. These were there prior to relocation on October 1, 2010, to C-752-A; therefore, no wastes remain in this area. Please see attached SWMU 568 Waste Description and Quantity table for more detail.

**SUMMARY OF ENVIRONMENTAL SAMPLING DATA:** No sampling of environmental media has occurred.

**DESCRIPTION OF RELEASE AND MEDIA AFFECTED:** None Known

<b>GROUNDWATER:</b>	None Known
<b>SURFACE WATER:</b>	None Known
<b>SOIL:</b>	None Known
<b>ECOLOGY AFFECTED:</b> (i.e., threatened/endorsangered species):	None Known

**DOCUMENTATION OF NO RELEASE:** There have been no known spills or releases of materials from this SWMU to the environment. The area was visually inspected for signs of spills/release and none were noted, nor any other documentation located to indicate spills/releases.

**IMPACT ON OR BY OTHER SWMU/AOC:** There is no evidence that this SWMU impacts or is being impacted by other SWMUs.

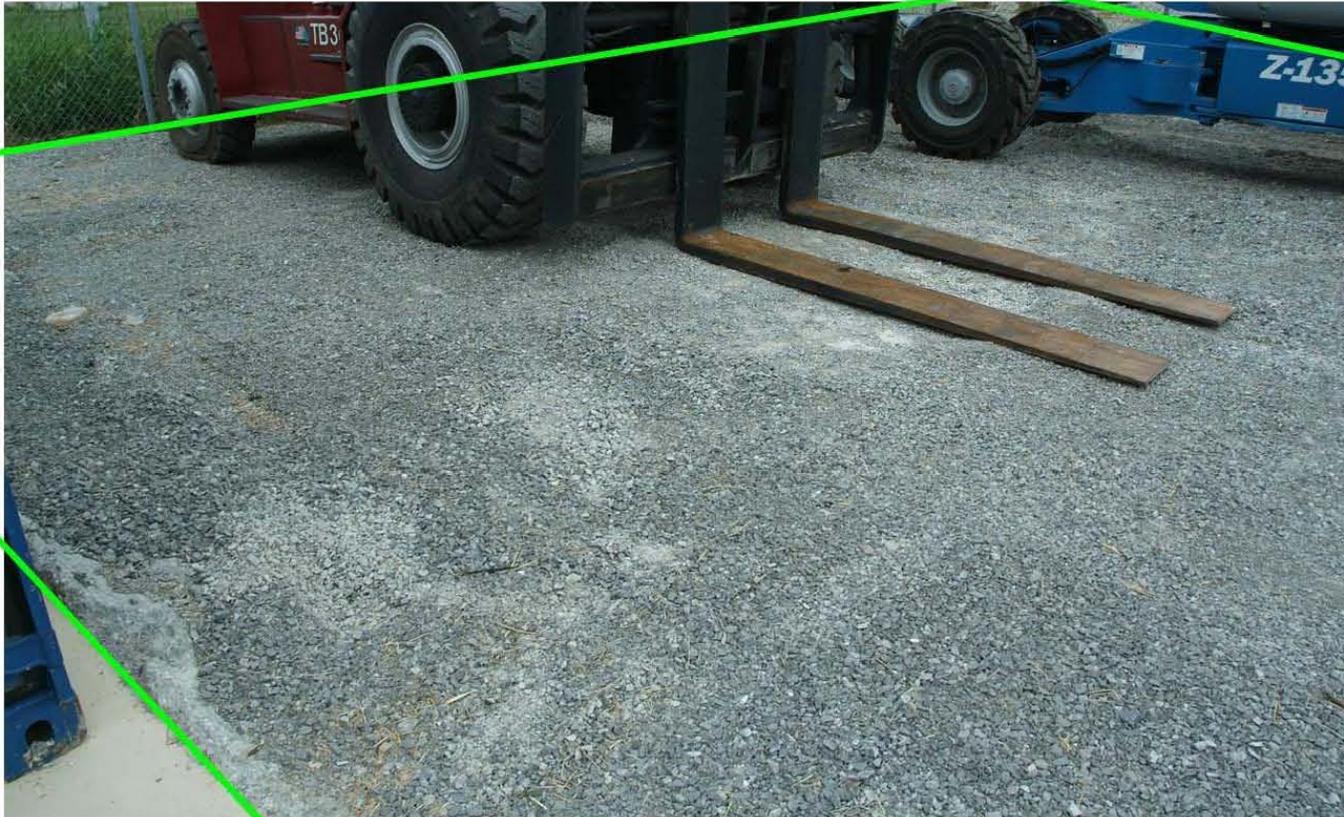
**PRG COMPARISON:** N/A

**RFI NECESSARY:** No. The waste in this SWMU was stored in sealed ST-90 boxes. All wastes have been removed from this SWMU. This unit is being proposed for no further action since it is no longer active, has no evidence of releases to the environment, and is not believed to pose a risk to human health or the environment.

**OPERABLE UNIT ASSIGNMENT:** NA

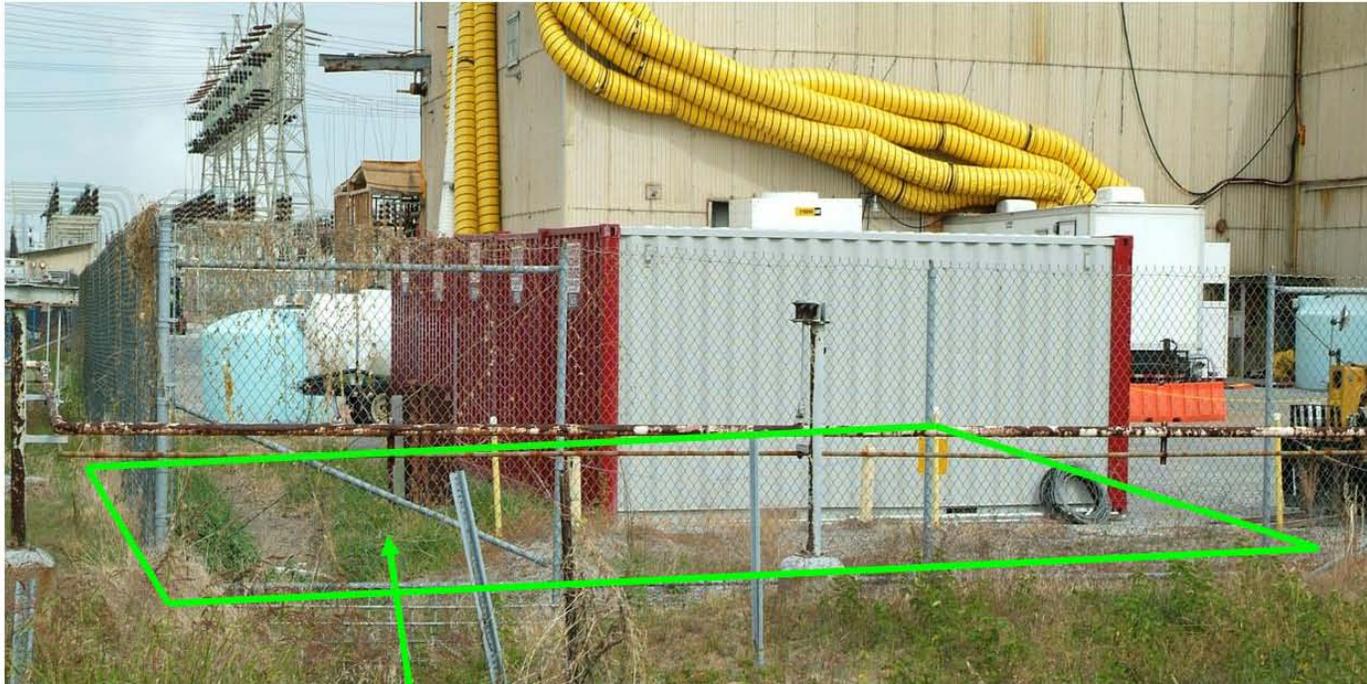
## SWMU 568 Waste Description and Quantity

Original Container Number	Material Found	Estimated Volume (ft <sup>3</sup> )	Disposition/Storage as of 11/19/10
118677-01	Trash items from a shower/restroom area, books, manuals, electrical schematics/diagrams, papers	90	C-752-A
118677-02	Bags full of PPE and boundary control station (BCS) trash	90	C-752-A
118677-03	Books, manuals, papers	90	C-752-A
118677-04	Books, manuals, papers	90	C-752-A
118677-05	Bags of computer data reels, packing peanuts, cardboard, insulation	90	C-752-A
118677-06	Bags of plastic sheeting and cardboard	90	C-752-A
118677-07	Pallets and particle board	90	C-752-A
118677-08	Papers, manuals	90	C-752-A
118677-09	BCS trash.	90	C-752-A
118678-01	Window air conditioner units with coils broken	90	C-752-A
118678-02	Paper/plastic/cardboard, BCS trash	90	C-752-A
118678-03	Paper/plastic/cardboard, BCS trash	90	C-752-A
118678-04	Paper/plastic/cardboard, BCS trash	90	C-752-A
118678-05	Paper/plastic/cardboard, BCS trash	90	C-752-A
118678-06	Paper/plastic/cardboard, BCS trash	90	C-752-A
118678-07	Paper/plastic/cardboard, BCS trash	90	C-752-A
118678-08	Empty	NA	C-752-A
118678-09	Paper/plastic/cardboard, BCS trash, 2 incandescent light bulbs	90	C-752-A – Note light bulbs removed to Container 118554-02



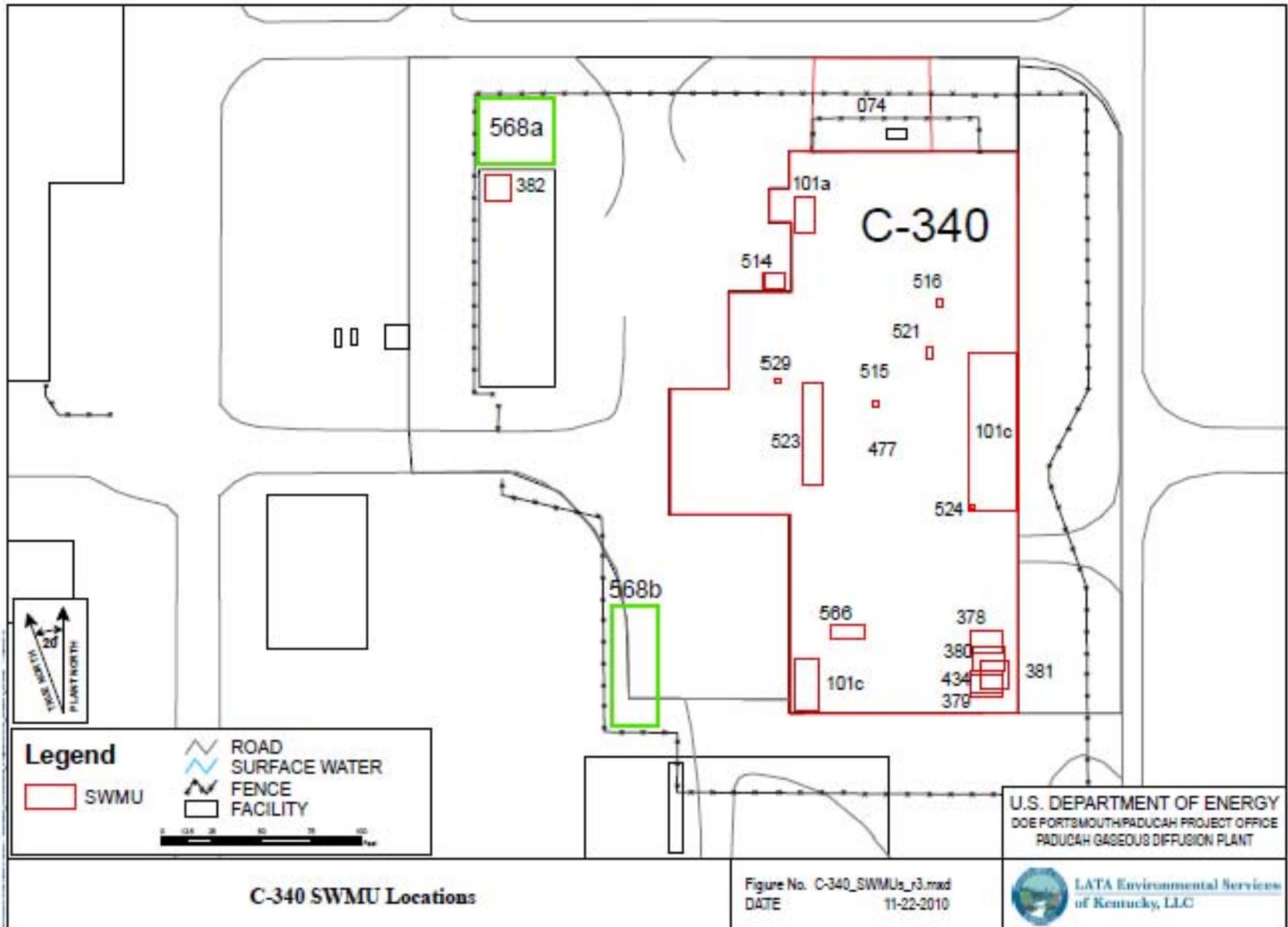
C-340-D Concrete  
Foundation

Approximate Footprint of SWMU 568a  
from the Southeast Corner Facing Northwest  
September 27, 2010



Approximate Footprint of SWMU 568a  
from the Southeast Corner Facing Northwest  
September 27, 2010

NOTE: Five Sealand Boxes shown in photo are staging materials necessary to support demolition of C-340 in Background including electrical parts, absorbents, plastic bags/sheets, etc.



**C-340 SWMU Locations**

Figure No. C-340\_SWMUs\_r3.mxd  
DATE 11-22-2010



LATA Environmental Services  
of Kentucky, LLC