

HSA BUILDING FACT SHEET

Building No. / Name: 54 / Armed Forces Institute of Pathology

Installation: WRAMC

Original / Former Use: Armed Forces Institute of Pathology (AFIP)

Current Tenant / Use: AFIP, WRAMC Museum is located on the eastern side of the Ground level.

Construction Information: The building consists of 8 levels: 1st Floor through 5th Floor, with Ground level, Basement level, and Sub-Basement level. Several floors of Bldg. 54 have undergone significant renovation. New room configuration and numbering schemes do not match rooms as listed in many authorizations. 4th and 5th floors had been renovated as of Site Visit. 2nd and 3rd floors scheduled for renovation (Ref. 035,)

Date of Construction: 1953

Construction: Reinforced concrete exterior walls; concrete floors with tile and carpet; porcelain tiles on floors and walls in older labs; drop ceilings in newer areas, concrete ceilings in basement.

Total Sq. Footage: 312,487 (249,990)

Floors: 8 total (1 – 5 plus ground floor, basement, and sub-basement)

Renovation Status: 1972, 2004-present

Current Bldg. Status Existing

Sources of Information: (*Document No's Used, Interviews, etc.*):

Document Reviews - Ref. 001, 011, 014, 020, 023, 029, 030

Site Visit and Interviews - Ref. 035, Ref. 040

Radiological Data Summary (*RCOPCs, Impacted Room(s) / area(s), etc.*):

Closeout survey records are available for the following rooms: 1028 (Ref. 014, pp 3-7); 1030 (Ref. 020, pp. 1-2); 2008 (Ref. 030, p. 11); 3012 (Ref. 030, p. 13); 5007 (Ref. 030, pp. 59-62); 5044 (Ref. 030, pp. 63-66); and 5050 (Ref. 030, p. 12).

A reference to an abandoned firing range in the basement of Bldg 54 was made during the initial building tour. The tour guide mentioned potential for depleted uranium from firing of 50-caliber rounds. Exact location of the range is unknown at this time.

There are records of electron microscope usage in Building 54 (Ref. 035). Therefore, uranium was added to the RCOPC list since uranyl acetate is typically used as a staining agent for these purposes. Uranyl acetate contamination was also observed during decommissioning of Building T-2 in an electron microscopy laboratory.

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Radiological Data Summary (cont.)

- RCOPCs: Ba-133 , C-14 , Ce-141 , Cr-51 , H-3 , I-125 , I-129 , Ni-63 , P-32 , P-33 , Ra-226 , S-35 , Sc-46 , Sr-85, uranium
- Potentially Impacted Rooms: B042A, B045, B063, B088, B092, G014, G075, M093A, 1040, 2012, 2014, 2046, 3002, 3004, 3014, 3032, 3034, 3060, 3099, 4008, 4016, 4031, 4032, 4053, 4064, 4086, 4100, 5047
(Note: many of the aforementioned rooms reflect pre-renovation conditions in Bldg. 54)

Preliminary MARSSIM Classification: Class 3

Site Visit Information: *(Date Toured, Site Contact, Security issues, photos taken):*

Site visits conducted June 20-23, 2006, by Bob Dover, Rick Allen and Mike Barsa (Ref. 035); and on July 5-7, 2006 by Joe Weismann and Mike Barsa (Ref. 040). Subsequent visit to WRAMC performed on 11 July by Mike Barsa. Inside of Building 7 toured on 5 July with Maj. Chris Pitcher of the WRAMC HPO. Photographs taken on 6 July.

Additional Information:

Photographs taken during the Site Visit(s) are shown below and on the following pages.



Example of Sink used for RAM use and disposal purposes

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5th Floor Animal Research Area. Completely renovated from original condition