

SPRING VALLEY FUDS TIMELINE 1993 - 2015

Munitions | Glenbrook Rd. | Groundwater | Soil
 Documents | Munitions Destruction | Health

Spring Valley Military History

CIVIL WAR



Ft. Gaines & other forts located near SV area during Civil War era.

WWI



American University Experiment Station (AUES) 1917-1919, Built for CWM development & testing

WWI



Camp Leach, 1917-1919, Built for troop training

WWII



Navy Bomb Disposal School 1942-1946, on AU campus for research & education

1986 - Army conducts historical study for possible AUES burials

January 5, 1993
 Buried WWI munitions found in utility trench on 52nd Ct.

1998
 Search for revised POI 24 location begins

1993
 Army leads Operation Safe Removal (OSR) as an Emergency Response Action

Feb. 1993 OSR Phase I completed
 1994 - 1996 Spaulding & Capt. Rankin Area Investigation

1993 - 1995 OSR Phase II Remedial Investigation conducted

1999
 4825 Glenbrook Rd. surveyed adjacent to Pits 1 & 2

2000 - 2011 Munitions investigations conducted on 90 Spring Valley properties

2001 - 2006
 AU Small Disposal Area & AU Lot 18 investigated

2008 - 2010
 AU Public Safety Bldg. area excavated

2003
 Containers of CWM, (including Lewisite), found at Lot 18

Oct. 2007 - Mar. 2009
 High prob. investigation of Pit 3 resumes & is completed

2009 - 2011
 FUDS western boundary near Dalecarlia Pkwy & Woods investigated

Fall 2012 -
 4825 Proposed Plan accepted. Remedial Action: Demolition & cleanup begins

May 2001 - Mar. 2002
 High prob. investigation of Test Pit 23 (aka: Pit 3)

2003
 Recovered chemical & conventional munitions destroyed

2009 - 2010
 4825 High Prob. Test Pits

Sept. 2011
 4825 RI & FS Reports released

Winter 2012 -
 4825 & AU areas PRP Investigation begins

Aug. 2010
 4825 becomes separate CERCLA project site to expedite cleanup

2010
 Recovered chemical munitions destroyed

2011 & 2012
 Recovered conventional munitions destroyed

1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015

1993
 AUES Historical Report issued & 54 Points of Interest (POIs) established



July 1996
 DC Dept. of Health report critical of USACE investigation released

June 1995
 Remedial Investigation Report issued

June 1995
 No Further Action Record of Decision released, never finalized

January 2000
 Soil investigation of 9 properties & several lots on AU, including the Child Dev. Center - munitions investigations conducted



2001
 Child Dev. Center soil remediation completed

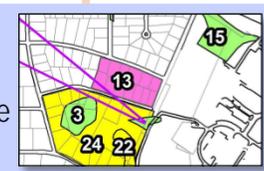
2000
 Extensive soil sampling at 4825

1999 - 2001
 Pits 1 & 2 area soil removal

2001 - 2012 Site-wide arsenic sampling & removal at 1,600 Spring Valley properties / lots

2001
 Child Dev. Center soil remediation completed

2002 - 2007
 Areas of Interests Task Force (AOITF) find 28 areas (AOIs) to be addressed in addition to 54 POIs



2004 - Ongoing groundwater study begins, 80+ site-wide & surrounding locations sampled

April 2004
 Formation of Spring Valley Partnership

2005
 Elevated perchlorate found in groundwater near Sibley Hospital & AU Kreeger Hall

March 2008
 AUES Chemical Parameters Report Released

June 2011 -
 USACE begins drafting Site Wide Remedial Investigation Report & follow-on CERCLA documents

2012
 SV perchlorate determined to be from Chilean source

Fall 2012
 AOI Sampling completed

Mar. 2015
 Site Wide RI Report Released

March 2001
 RAB established

2002
 Two ATSDR studies consider potential health risks from SV arsenic concentrations

2006
 Johns Hopkins Univ. (JHU) study finds SV resident health very good overall

2005
 ATSDR Study determines munitions pits from former SV military activities are public health hazards

2011 - 2013
 JHU follow-on health study

2011 -
 ATSDR Study of 4825 initiated