

II. SITE CHRONOLOGY

A summary of the SLS chronology of site events is presented in Table II-1 below. The highlighted events are applicable to the review period of this report.

Table II-1. Chronology of Site Events

SITE	EVENT	DATE
SLDS	MI Chemical Works performed work under contract to the Manhattan Engineer District/Atomic Energy Commission (MED/AEC).	1942 – 1957
North County	SLAPS: Acquired by MED/AEC to store uranium-bearing residues and scrap from the SLDS.	1946
SLDS	MI Plants 1 and 2: Decontaminated to meet AEC criteria then in effect.	1948 – 1950
SLDS	Plants 1 and 2: AEC released for use without radiological restrictions.	1951
SLDS	AEC managed decontamination efforts in MI Plants 10, 7, and 6E to meet criteria then in effect; plants returned to MI for use without radiological restrictions.	1962
North County	Continental Mining and Milling Company of Chicago, Illinois, purchased and began moving wastes from the SLAPS to the HISS.	1966
North County	HISS: Used to store radioactive material purchased from the AEC prior to shipment to Colorado.	1966 – 1973
North County	SLAPS: Ownership transferred from MED/AEC to St. Louis Airport Authority.	1973
North County	HISS: Radiological surveys conducted by the Nuclear Regulatory Commission (NRC) indicated the presence of residual uranium and thorium (Th) concentrations in the soil above guidelines for unrestricted use of land areas.	1976
North County	SLAPS: The U.S. Department of Energy (DOE) performed a radiological survey and found elevated radionuclide levels on-site and north of the site in ditches north and south of McDonnell Boulevard.	1976 and 1978
SLDS	Radiological survey conducted by Oak Ridge National Laboratory (ORNL) found alpha and radiological levels in excess of guidelines for release of the property for use without radiological restrictions (ORNL 1981).	1977
North County	HISS: Contaminated soil from the adjacent Futura parcel stockpiled on the HISS in support of construction of a manufacturing facility.	1979
North County	HISS: DOE performed response actions including clearing, excavating, and stockpiling contaminated soil from excavation of the property at 9200 Latty Avenue.	1984
North County	HISS: Supplemental pile is created as the result of DOE radiological monitoring support of Latty Avenue drainage and street improvements.	1986
North County	NPL: USEPA placed the SLAPS, HISS, and Futura properties on the NPL.	Oct. 4, 1989
SLS	USEPA, Region VII, and DOE entered into a Federal Facility Agreement (FFA).	June 1990
SLDS	DOE issued <i>Engineering Evaluation/Cost Analysis for Decontamination of the St. Louis Downtown Site</i> , St. Louis, MO, DOE/OR/23701-02.2, May 1991 (DOE 1991).	May 1991
North County	DOE issued <i>Engineering Evaluation/Cost Analysis for the Proposed Decontamination of the Properties In the Vicinity of the Hazelwood Interim Storage Site, Hazelwood, Missouri</i> , DOE/EA/0489, Rev. 1, March 1992 (DOE 1992).	March 1992
SLDS	DOE submitted the Remedial Investigation (RI) report for the St. Louis Site.	1992
SLDS	Interim action at MI: 50 Series Buildings - decontamination, demolition, and crushing pursuant to DOE 1991.	1996
SLDS	Interim action at MI: Plants 6 and 7- decontamination, asbestos abatement, demolition to floor elevation grade, and crushing, pursuant to DOE 1991.	1997
SLDS	Interim action at MI: Plant 10 area - subsurface soil excavation and off-site shipment pursuant to DOE 1991.	1997

Table II-1. Chronology of Site Events (Cont'd)

SITE	EVENT	DATE
SLDS	Interim action at City Property Vicinity Property (VP): Riverfront Trail area - excavation and off-site shipment pursuant to DOE 1991.	1997
North County	DOE issued <i>Interim Action Engineering Evaluation/Cost Analysis (EE/CA)</i> for the <i>St. Louis Airport Site (SLAPS)</i> , DOE/OR/21950-1026, September 1997 (DOE 1997a).	September 1997
North County	Removal action at the SLAPS: West End – excavation and removal of contaminated soil east of Coldwater Creek bank gabion wall on the SLAPS pursuant to DOE 1997.	1997
SLS	FUSRAP responsibility transferred from DOE to the USACE.	Oct. 13, 1997
North County	SLAPS VP-56: Removal action completed.	1998
North County	SLAPS: Construction of a loadout facility and 1200 feet rail spur.	1998
SLDS	SLDS ROD signed by U.S. Army Director of Civil Works and by the Regional Administrator of USEPA, Region 7.	August 1998
SLDS	USACE commenced field operations at the SLDS.	Sept. 8, 1998
North County	USACE issued <i>Engineering Evaluation/Cost Analysis (EE/CA) for the Hazelwood Interim Storage Site (HISS)</i> , October 1998 (USACE 1998a).	October 1998
North County	SLAPS: VP St. Denis Street Bridge replacement support, Florissant, Mo.	1998
North County	SLAPS: North Ditch Removal Action and Sedimentation Basin Installation.	1998 – 1999
North County	Latty Avenue Properties: Rail spur constructed at the HISS.	1998 – 1999
SLDS	City Property VP: Remedial action initiated and completed.	1998 – 1999
SLDS	MI Plant 2: Remedial action initiated and completed.	1998 – 2002
North County	USACE issued <i>Engineering Evaluation/Cost Analysis (EE/CA) and Responsiveness Summary for the St. Louis Airport Site (SLAPS) and Action Memorandum</i> , March 1999 (USACE 1999a).	March 1999
North County	SLAPS: East End, East End Extension, and Right-of-Way (ROW) Work Areas – Removal Action initiated and completed.	1999 – 2001
North County	SLAPS VPs: Removal action conducted in the North Ditch area between McDonnell Boulevard and the former ballfield area.	1999
SLDS	Current SLDS Remedial Action Work Plan, Revision 1 issued.	Dec. 1999
North County	SLAPS: East End and ROW Work Areas – removal action initiated and completed.	1999 – 2001
North County	SLAPS: Current Site Wide Removal Action Work Plan, Addendum 1 to Revision 0 issued.	March 2000
North County	SLAPS: Radium Pits Work Area – removal action initiated and completed.	2000
North County	SLAPS VP: VP-38 Removal action initiated and partially completed.	2000
North County	Latty Avenue Properties: HISS and Futura stockpiled material removed and shipped out of state to disposal facilities.	2000 – 2001
SLDS	MI Plant 1: Remedial action initiated and completed.	2000 – 2002
SLDS	MI Plant 6E and 6EH: Remedial action initiated and completed.	2000 – 2003
SLDS	Midwest Waste VP: Remedial action initiated and completed.	2001 – 2003
North County	SLAPS: Phase 1 Work Area – removal action initiated and completed.	2001 – 2003
North County	SLAPS: Phases 2 and 3 Work Area – removal action initiated and in progress.	Dec. 2002
SLDS	Heintz Steel VP: Remedial action initiated and in progress.	April 2003
North County	Feasibility Study and Proposed Plan for the St. Louis North County Site issued (USACE 2003b, c).	May 2003
SLDS	Phase 1 Ground-Water Remedial Action Alternative Assessment (GRAAA) at the SLDS issued (USACE 2003a).	June 2003
SLDS	MI Plant 7E: Remedial action initiated and in progress	July 2003