

Site (Structure) : INL

Country: UNITED STATES OF AMERICA

Reporting Year: 2005

Full Name: Idaho National Laboratory

Description:

Official Website:

License Holder(s): U.S. Department of Energy, Idaho Operations Office

Waste management facilities that are located at this site:

Facility:	AMWTF
Description:	Advanced Mixed Waste Treatment Project for retrieval characterization, packaging, sorting/size reduction of TRU and suspect TRU waste

Storage part of facility AMWTF

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
TRU	Yes	Yes
LLW	No	No
11e2 Byproduct Material	No	No

List SRS?	No
List UMMT?	No

Capacity:	Waste stored on asphalt pads (now being retrieved and closed) and in buildings (approximately 66,000 m3)
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
TRUpads	mound	1970	Yes	No	No	No
TRUbuild	building	1996	No	No	Yes	No

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Processing part of facility **AMWTF**

The following shows processing status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
TRU	Yes	Yes
LLW	No	No
11e2 Byproduct Material	No	No

Type:	Treatment, Conditioning
Year opened:	2003

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Facility:	CERCLA
Description:	Idaho CERCLA Disposal Facility and INEEL Remediation Unit

Disposal part of facility CERCLA

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
TRU	No	No
LLW	Yes	Yes
11e2 Byproduct Material	No	No

List SRS?	No
List UMMT?	No

Type:	engineered surface		
Facility is modular?	No		
Capacity existing (m3):	200000	Capacity planned (m3):	200000

Depth (m):	0-5	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1995	1998	False
site selection	1996	1998	False
design	1997	2002	False
construction	2002	2012	False
commissioning	2003	2003	False
operation	2003	2012	False
closure	2012	2012	True
institutional control	2012	2045	True

Comment **# 7266: Remediation waste disposal**

Disposal of contaminated soil in the INL remediation waste facility (CERCLA) disposal began in October 2003.

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Facility:	INTEC
Description:	Idaho Nuclear Technology and Engineering Center; contains HLW processing and storage facilities, former reprocessing plant and other associated facilities

Storage part of facility **INTEC**

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	Yes	No
TRU	No	No
LLW	Yes	Yes
11e2 Byproduct Material	No	No

List SRS?	No
List UMMT?	No

Capacity:	3,420,000 gallons (15 tanks) plus bin sets containing 4,400 cubic meters of HLW calcine
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Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
HLWTnkFarm	tank (stainless steel)	1963	No	No	No	No
CalcineBin	tank (stainless steel)	1963	No	No	Yes	No
LLW/MLLW	building	1963	No	No	No	No

Processing part of facility **INTEC**

The following shows processing status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	Yes	No
TRU	No	No
LLW	No	No
11e2 Byproduct Material	No	No

Type:	Treatment, Conditioning
Year opened:	1958

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Facility:	RWMC-SDA
Description:	Radioactive Waste Management Complex -Subsurface Disposal Area

Disposal part of facility RWMC-SDA

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
HLW	No	No
TRU	No	No
LLW	Yes	Yes
11e2 Byproduct Material	No	No

List SRS?	No
List UMMT?	No

Type:	trench(es)		
Facility is modular?	No		
Capacity existing (m3):	97000	Capacity planned (m3):	97000

Depth (m):	1-8	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
planning and/or concept assessment	1949	1951	False
site selection	1949	1951	False
design	1949	1951	False
construction	1952	1952	False
commissioning	1952	1952	False
operation	1952	2020	False
closure	2020	2020	True
institutional control	2020		True