

Site (Structure) : LANL

Country: UNITED STATES OF AMERICA

Reporting Year: 2007

Full Name: Los Alamos National Laboratory

Location: Los Alamos, New Mexico

Description:

Official Website:

License Holder(s): U.S. Department of Energy, National Nuclear Security Administration, Los Alamos Site Office

Waste management facilities that are located at this site:

| | | |
|--|---|----------------|
| Facility: | CMR SRS | |
| Description: | The Chemical and Metallurgy Research Building provides sealed source consolidation services | |
| | | |
| Processing part of facility | CMR SRS | |
| The following shows processing status for waste classes and SRS. | | |
| Waste Class | Actual | Planned |
| HLW | No | No |
| TRU | No | No |
| LLW | No | No |
| 11e2 Byproduct Material | No | No |
| Type: | Conditioning | |
| Year opened: | 1955 | |

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| | | |
|--|---|----------------|
| Facility: | TA-54 SRS | |
| Description: | Technical Area 54 provides storage for sources of the USDOE Offsite Recovery Program and limited disposal for sources meeting LLW disposal facility acceptance requirements | |
| | | |
| Processing part of facility | TA-54 SRS | |
| The following shows processing status for waste classes and SRS. | | |
| Waste Class | Actual | Planned |
| HLW | No | No |
| TRU | No | No |
| LLW | No | No |
| 11e2 Byproduct Material | No | No |
| Type: | Conditioning | |
| Year opened: | 1995 | |

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| | |
|---------------------|----------------------|
| Facility: | TA-54 TRU |
| Description: | TRU waste facilities |

Storage part of facility TA-54 TRU

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: | 1970-1979 in trenches; 1979-1991 on asphalt pads covered with soil; 1991-present in fabric domes; some RHTRU in shafts |
|------------------|--|

Types of Storage Units

| Storage Unit Name | Type Name | Year Opened | Closed? | Full? | Modular? | Contains SRS? |
|-------------------|------------------|-------------|---------|-------|----------|---------------|
| Buildings | building | 1985 | No | No | No | No |
| Berms | mound | 1979 | Yes | No | No | No |
| UG | trench (unlined) | 1970 | Yes | No | No | No |

Processing part of facility TA-54 TRU

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: | 1970 |

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| | |
|---------------------|---|
| Facility: | TA54 AreaG |
| Description: | Area G disposal area, Technical Area 54; waste compactor is treatment |

Disposal part of facility TA54 AreaG

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): | 1600000 | Capacity planned (m3): | 1600000 |

| | | | |
|------------|------|--------------|---------------------|
| Depth (m): | 2-20 | Host medium: | sedimentary (other) |
|------------|------|--------------|---------------------|

| Phase Name | Start Year | End Year | Estimate |
|-----------------------|------------|----------|----------|
| commissioning | 1957 | 1957 | False |
| operation | 1957 | 2070 | False |
| closure | 2070 | 2070 | True |
| institutional control | 2070 | | True |

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Processing part of facility TA54 AreaG

The following shows processing status for waste classes and SRS.

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

| | |
|--------------|-----------|
| Type: | Treatment |
| Year opened: | 1945 |