

Site (Structure) : ANSTO RWM

Country: AUSTRALIA

Reporting Year: 2013

Full Name: Australian Nuclear Science and Technology Organisation (Lucas Heights) - Radioactive Waste Management Site

Description:

Official Website:

License Holder(s): CEO ANSTO

Waste management facilities that are located at this site:

| Facility: | Compactor | | | | | | | | | | | | | | | | |
|---|---|---------|-------------|--------|---------|------|-----|----|-----|-----|----|-----|-----|----|-----|----|----|
| Description: | Low level solid waste compaction facility | | | | | | | | | | | | | | | | |
| <p>Processing part of facility Compactor</p> <p>The following shows processing status for waste classes and SRS.</p> <table border="1"> <thead> <tr> <th>Waste Class</th> <th>Actual</th> <th>Planned</th> </tr> </thead> <tbody> <tr> <td>VLLW</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>LLW</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>ILW</td> <td>Yes</td> <td>No</td> </tr> <tr> <td>HLW</td> <td>No</td> <td>No</td> </tr> </tbody> </table> | | | Waste Class | Actual | Planned | VLLW | Yes | No | LLW | Yes | No | ILW | Yes | No | HLW | No | No |
| Waste Class | Actual | Planned | | | | | | | | | | | | | | | |
| VLLW | Yes | No | | | | | | | | | | | | | | | |
| LLW | Yes | No | | | | | | | | | | | | | | | |
| ILW | Yes | No | | | | | | | | | | | | | | | |
| HLW | No | No | | | | | | | | | | | | | | | |
| Type: | Treatment | | | | | | | | | | | | | | | | |
| Year opened: | 1956 | | | | | | | | | | | | | | | | |

Site (Structure) : ANSTO RWM

Country: AUSTRALIA

Reporting Year: 2013

| Facility: | Decon | | | | | | | | | | | | | | | |
|--|------------------------|---------|---------|------|-----|----|-----|-----|----|-----|-----|----|-----|----|----|--|
| Description: | Decontamination centre | | | | | | | | | | | | | | | |
| Processing part of facility | Decon | | | | | | | | | | | | | | | |
| The following shows processing status for waste classes and SRS. | | | | | | | | | | | | | | | | |
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| Waste Class | Actual | Planned | | | | | | | | | | | | | | |
| VLLW | Yes | No | | | | | | | | | | | | | | |
| LLW | Yes | No | | | | | | | | | | | | | | |
| ILW | Yes | No | | | | | | | | | | | | | | |
| HLW | No | No | | | | | | | | | | | | | | |
| Type: | Treatment | | | | | | | | | | | | | | | |
| Year opened: | 1956 | | | | | | | | | | | | | | | |

Site (Structure) : ANSTO RWM

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| Facility: | Hot Cells | | | | | | | | | | | | | | | |
|--|--------------------|---------|---------|------|-----|----|-----|-----|----|-----|-----|----|-----|----|----|--|
| Description: | Hot Cells facility | | | | | | | | | | | | | | | |
| Processing part of facility Hot Cells | | | | | | | | | | | | | | | | |
| The following shows processing status for waste classes and SRS. | | | | | | | | | | | | | | | | |
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| Waste Class | Actual | Planned | | | | | | | | | | | | | | |
| VLLW | Yes | No | | | | | | | | | | | | | | |
| LLW | Yes | No | | | | | | | | | | | | | | |
| ILW | Yes | No | | | | | | | | | | | | | | |
| HLW | No | No | | | | | | | | | | | | | | |
| Type: | Treatment | | | | | | | | | | | | | | | |
| Year opened: | 1956 | | | | | | | | | | | | | | | |

Site (Structure) : ANSTO RWM

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| | |
|---------------------|--|
| Facility: | ILW liquid |
| Description: | Intermediate level liquid waste storage and treatment facility |

Storage part of facility **ILW liquid**

The following shows storage status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | No | No |
| LLW | No | No |
| ILW | Yes | No |
| HLW | No | No |

| | |
|-------------------|----|
| List SRS? | No |
| List UMMT? | No |

| | |
|------------------|--|
| Capacity: | |
|------------------|--|

Types of Storage Units

| Storage Unit Name | Type Name | Year Opened | Closed? | Full? | Modular? | Contains SRS? |
|-------------------|------------------------|-------------|---------|-------|----------|---------------|
| ILW liquid | tank (stainless steel) | 0 | No | No | No | No |

Processing part of facility **ILW liquid**

The following shows processing status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | No | No |
| LLW | No | No |
| ILW | Yes | No |
| HLW | No | No |

| | |
|---------------------|-----------|
| Type: | Treatment |
| Year opened: | 1956 |

Site (Structure) : ANSTO RWM

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| | |
|---------------------|---|
| Facility: | ILW store |
| Description: | Intermediate level solid waste store facility |

Storage part of facility**ILW store**

The following shows storage status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | No | No |
| LLW | No | No |
| ILW | Yes | No |
| HLW | No | No |

| | |
|-------------------|----|
| List SRS? | No |
| List UMMT? | No |

| | |
|------------------|--|
| Capacity: | |
|------------------|--|

Types of Storage Units

| Storage Unit Name | Type Name | Year Opened | Closed? | Full? | Modular? | Contains SRS? |
|-------------------|-----------|-------------|---------|-------|----------|---------------|
| Bld yy | building | 0 | No | No | No | No |

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| | |
|---------------------|---|
| Facility: | LFBG |
| Description: | Little Forest Burial Ground - disposal facility |

Disposal part of facility LFBG

The following shows disposal status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | Yes | No |
| LLW | Yes | No |
| ILW | Yes | No |
| HLW | No | No |

| | |
|------------|----|
| List SRS? | No |
| List UMMT? | No |

| | |
|----------------------|------------|
| Type: | trench(es) |
| Facility is modular? | No |

| | | | |
|------------|--|--------------|--------------------------|
| Depth (m): | | Host medium: | crystalline rock (other) |
|------------|--|--------------|--------------------------|

| Phase Name | Start Year | End Year | Estimate |
|------------|------------|----------|----------|
| operation | 1960 | 1968 | True |

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| | | | |
|--|---|-------------------|--|
| Facility: | LLW liquid | | |
| Description: | Low level liquid waste treatment facility | | |
| Processing part of facility | | LLW liquid | |
| The following shows processing status for waste classes and SRS. | | | |
| Waste Class | Actual | Planned | |
| VLLW | Yes | No | |
| LLW | Yes | No | |
| ILW | No | No | |
| HLW | No | No | |
| Type: | Treatment | | |
| Year opened: | 1956 | | |

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| | |
|---------------------|-----------------------------|
| Facility: | LLW store |
| Description: | Low level solid waste store |

Storage part of facility**LLW store**

The following shows storage status for waste classes and SRS.

| Waste Class | Actual | Planned |
|-------------|--------|---------|
| VLLW | Yes | No |
| LLW | Yes | No |
| ILW | No | No |
| HLW | No | No |

| | |
|-------------------|-----|
| List SRS? | Yes |
| List UMMT? | No |

| | |
|------------------|--|
| Capacity: | |
|------------------|--|

Types of Storage Units

| Storage Unit Name | Type Name | Year Opened | Closed? | Full? | Modular? | Contains SRS? |
|-------------------|-----------|-------------|---------|-------|----------|---------------|
| Bld xx | building | 0 | No | No | No | Yes |

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| Facility: | WTPF | | | | | | | | | | | | | | | |
|--|--|---------|---------|------|-----|----|-----|-----|----|-----|-----|----|-----|----|----|--|
| Description: | Waste treatment and packaging facility | | | | | | | | | | | | | | | |
| Processing part of facility WTPF | | | | | | | | | | | | | | | | |
| The following shows processing status for waste classes and SRS. | | | | | | | | | | | | | | | | |
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| Waste Class | Actual | Planned | | | | | | | | | | | | | | |
| VLLW | Yes | No | | | | | | | | | | | | | | |
| LLW | Yes | No | | | | | | | | | | | | | | |
| ILW | Yes | No | | | | | | | | | | | | | | |
| HLW | No | No | | | | | | | | | | | | | | |
| Type: | Treatment, Conditioning | | | | | | | | | | | | | | | |
| Year opened: | 1956 | | | | | | | | | | | | | | | |