



**Appalachian States Low-Level Radioactive Waste
Commission**

Update on Clive and WCS LLRW Disposal Facilities

**Appalachian Compact
Commission Annual Meeting
November 1, 2024**

Clive LLRW Disposal Facility

- Clive Facility is approximately 80 miles west of Salt Lake City, Utah.
- Holds a license from the State of Utah for disposal of Class A LLRW and mixed waste
- Provides for disposal of bulk waste, containerized waste, and large components
- Approximately 62 percent of LLRW by Volume from the Appalachian Compact was disposed of at Clive in 2023
- Received approval for disposal of Class A sealed sources
- Seeking approval for license renewal of Class A waste, licensing of a federal cell and exempted waste cell

Waste Control Specialists (WCS) LLRW Disposal Facility

- WCS is approximately 30 miles from the city of Andrews in Texas.
- Holds a license from the State of Texas for the disposal of Class A, B and C LLRW and mixed waste
- Provides for disposal of bulk waste, containerized waste and large components
- Approximately 38 percent of LLRW by volume from the Appalachian Compact was disposed of at WCS in 2023
- License renewal application review in progress
- Construction of a new disposal cell completed and operational

Energy Solutions Clive Facility, Utah



WCS Facility in Andrews County, Texas



1. Access road to 1,338-acre fenced site (guard house entrance)
2. On-site rail spur and rail-unloading facility
3. Maintenance building
4. Administration buildings with analytical and radiological laboratories
5. Container Storage Building (CSB)
6. Stabilization Building (SB) (West portion) and Mixed Waste Treatment Facility (MWTF) (East portion)
7. Bulk/Bin Storage Units (BSUs) 1-3 (bin storage area [BSA-1] is covered)
8. RCRA Subtitle C landfill will expand to the East, with closed cells to the West
9. 11e (2) Byproduct material landfill
10. Federal Waste Disposal Facility (FWF) for LLW and LLMW will expand to the West
11. Compact Waste Disposal Facility (CWF) for LLW will expand to the East
12. Ten-acre storage area for low-specific-activity (LSA) waste
13. Low-level disposal operations administration building
14. Rail unloading building for emptying gondola cars

Thank you

Questions?

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Appalachian Compact Commission

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