



Compact Waste Facility (CWF) **History** · The only LLRW disposal facility established under the Compact System • LLRWPAA (establishing compacts) was passed in 1980 Richland, WA (US Ecology) was licensed in 1965 Barnwell, SC (EnergySolutions) was licensed in 1971 · Clive, UT (EnergySolutions) is not a compact site Established for the Texas Compact, per Federal, Texas, and Vermont Statutes Opened for LLRW disposal in 2012 • Open to all US States and territories (with export and import approval) **Key Statistics** • 9,000,000 cubic feet of licensed disposal capacity • Actual airspace is 4x that size to accommodate MCCs, backfill, etc. · Constructed cell capacity is 475,000 ft3 of waste o 220,000 cubic feet used to date (2% of licensed capacity) o Phase 2 will hold approximately 425,000 ft3 of waste • 3,890,000 curies (decay corrected) of licensed capacity • Can be increased to 8,000,000 curies upon request and TCEQ approval Texas owns the privately developed CWF, operated by WCS o TCEQ review and acceptance of all waste Licensed through September 2024 with provision for 10-year renewals • (WCS) 3



Low Activity Waste (LAW) Facility

Hazardous Waste (RCRA Subtitle C) Disposal Facility

- > Permitted Subtitle C landfill opened for RCRA waste disposal in 1997
- Disposal of exempt LLRW added in 2015
- 62,000,000 cubic feet of currently permitted capacity
- Currently used = 14,300,000 ft3 (23% of capacity)
- NRC-reviewed agreement state exemption process allows low activity waste disposal
- > On-site verification of characterization for exemption
- > Efficient option for large-volume and low activity waste streams

Benefits

(WCS)

- Same protective red bed clay formations as the CWF
- Exempt waste is handled by fully trained and badged Radiation Workers
- Permitted Sub-Title C landfill can accept MLLW
- ► The majority of D&D waste qualifies for exemption and LAW disposal





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