

WIPP - Idaho Impacts



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EM Environmental Management

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Idaho TRU Waste Program Overview

- Idaho is the largest shipper of both CH and RH-TRU to WIPP
 - Over 55,000 m³ of Idaho Settlement Agreement waste shipped to date as TRU to WIPP or MLLW to an appropriate disposal facility.
 - First DOE site to ship CH-TRU to WIPP
 - Second DOE site to ship RH-TRU to WIPP
 - ~50% of all waste disposed at WIPP came from Idaho
- Idaho is the only generator site with a certified TRU waste program



TRU Waste Operations

- AMWTP Operations
 - CH-TRU will be treated, certified for WIPP, and placed into storage
 - Current backlog is 549 shipments of CH-TRU waste including Buried Waste
- Waste Exhumation Operations
 - Exhumation in ARP VIII will continue
 - Waste will be packaged, certified for WIPP, and stored
- RH-TRU Operations
 - RH-TRU will be treated, certified for WIPP, and placed into storage
 - Sodium treatment will continue, and sodium byproduct will be dispositioned
 - Continued waste stream approval to allow ongoing processing and certification
 - Current backlog is 41 shipments



Storage

- RH-TRU
 - No additional storage needs at this time.
- Buried Waste
 - WMF-698 will reach full capacity by 9/30/2015
- AMWTP
 - Anticipate enough storage to remain <80% capacity through 9/30/2015
 - Expanded storage capacity needed beyond 9/30/2015 to support ARP exhumation
- Expanded Storage
 - Work to date:
 - Evaluated construction of new storage facilities at RWMC
 - Initiated design of new storage facilities
 - Evaluated AMWTP storage areas
 - Path Forward:
 - No new construction at RWMC at this time
 - Design will be completed and ready in case of future need
 - AMWTP to reconfigure existing storage (~2yrs worth of storage)
 - Expanded use of WMF-636 for storage of certified waste (Pads 1 & R)
 - Permit modification may be necessary
 - Removal of waste, cleaning, paving of asphalt pads
 - Storage of waste certified for WIPP in dense pack
 - Removal of warehouse materials from Pad R
 - Removal of drum treatment tent from WMF-628



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AMWTP Permitted Storage

(Available Areas Shown in Red, Operations Shown in Green)



Conclusion

- **Idaho will continue processing and certifying TRU waste for disposal at WIPP.**
- **Storage capacity at AMWTP will be increased to accommodate continued Operations.**
- **Questions?**



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