



C O M P L E X S O L U T I O N S

“what’s new?”

Complex Treatment and Disposal
in One Location



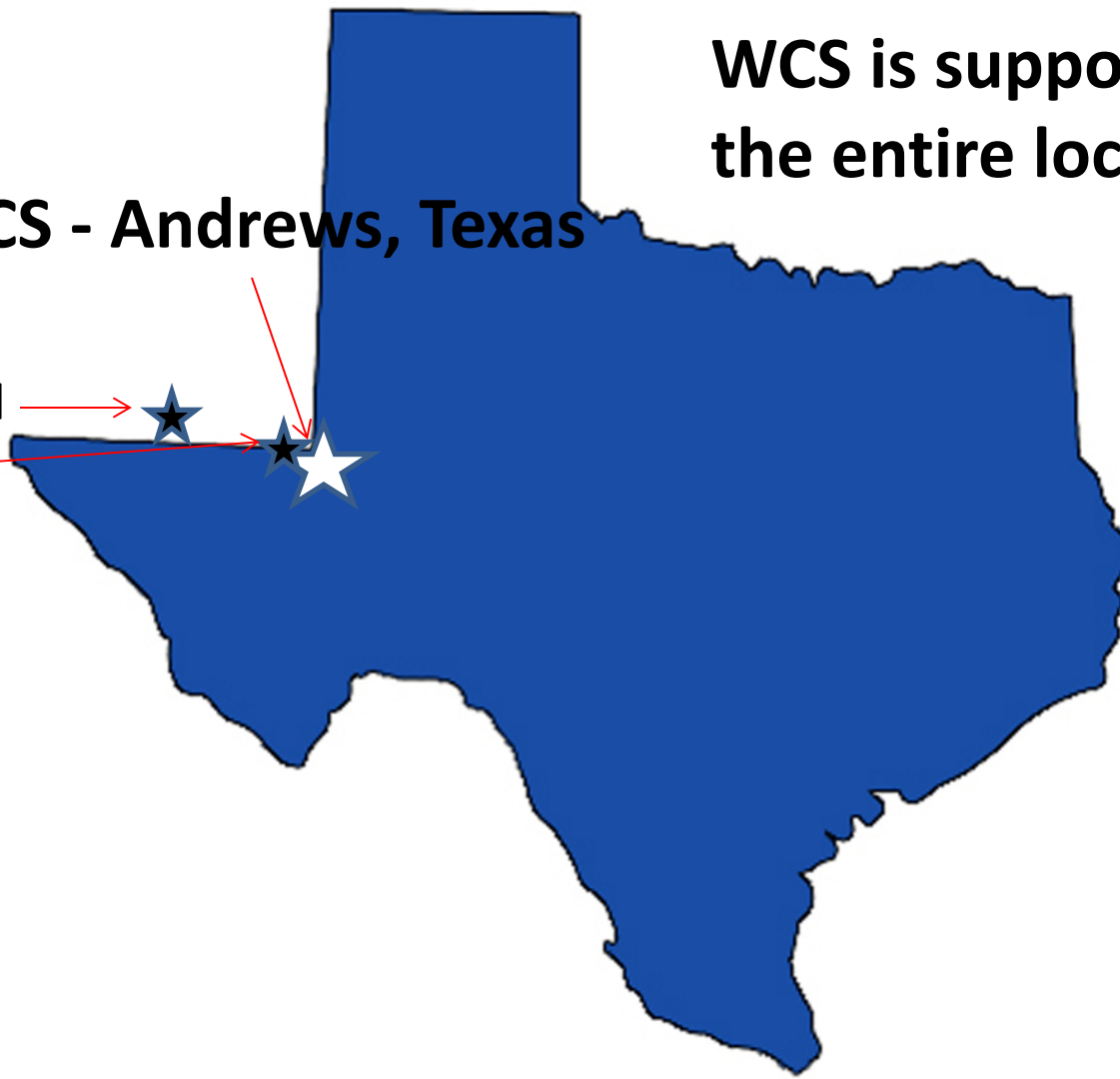
Located Along the Nuclear Corridor in West Texas

**WCS is supported by
the entire local region**

WCS - Andrews, Texas

Neighbors include:

- WIPP/Carlsbad
- Urenco





WCS Current Facilities



LSA Pad

Byproduct Facility

Hazardous Waste
Landfill

Administration Buildings and
Treatment Facility

Federal Facility

Compact Facility



July, 2013

October, 2014



2014 – 2015 Overview On New Treatment and Disposal Initiatives for DOE

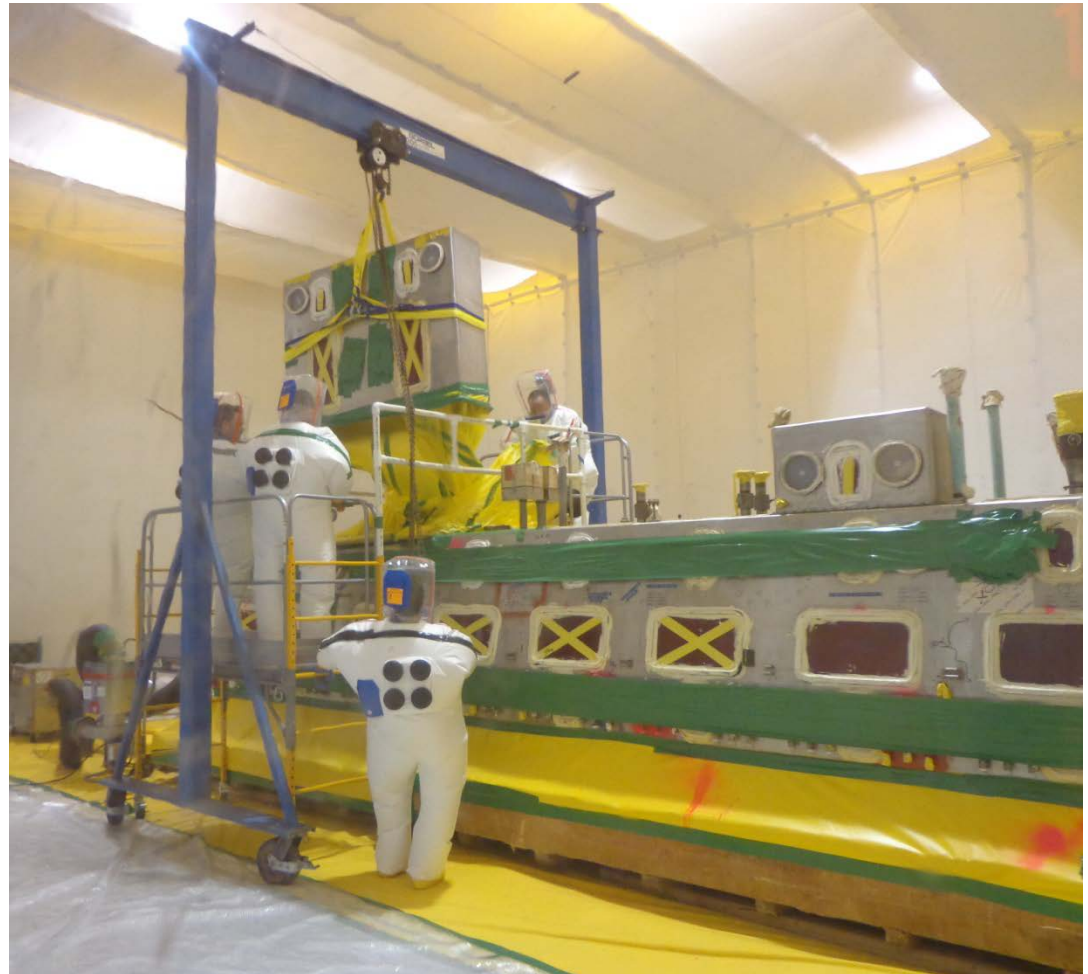
- MLLW large component size reducing
- MLLW large item disposal and macro encapsulation for Class B/C waste streams
- Ability to manage high alpha contaminated waste with fail safe containment system
- Ability to stabilize “large quantities” of MLLW waste for disposal
- Low activity waste disposal into subtitle C landfill
- Allowance for Depleted Uranium disposal, path forward for conversion plant oxides from Portsmouth and Paducah facilities



“Over Sized Glove Box Separation”

LANL Glove boxes

Industrial safety – minimizing the use of cutting tools
ALARA – minimized breaching of containers, eliminate multiple handling associated with repackaging - direct disposal instead
\$9M savings on waste currently under contract (26% of processing cost)
Tenfold increase in waste disposition production rate



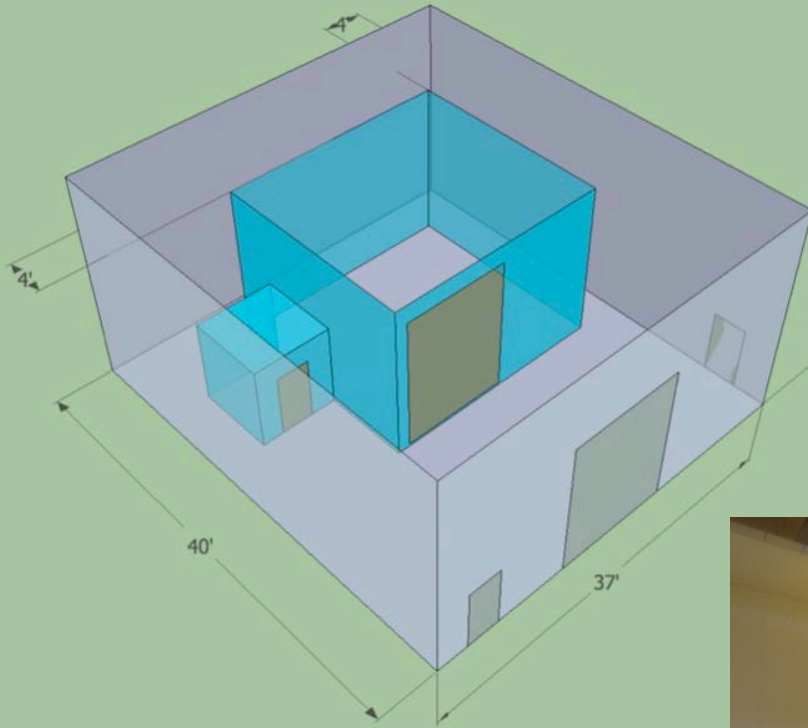


Disposal Class C MLLW Oversized in the FWF





High Alpha Contamination Containment Facility





MLLW High Gram Class C Treatment (Direct disposal of High Gram waste needing Marco Encapsulation)

Portsmouth

- High gram shipments
- Direct disposal (includes treatment)
- 70% cost savings on transportation
- Less handling of waste at generator and TSDf





Low Activity Waste Landfill (RCRA Disposal Waste Facility)

Program Overview

- Isotopic concentrations significantly above BSFR limits
- Pre-established exemption levels – approximately 10% of Class A limits
- No compact importation or generator certification required
- WCS approves the generator developed waste profile and sampling plan
- Waste received as licensed waste, and exempt determination performed by WCS at our licensed facility
- WCS accepts waste by rail or truck in standard DOT compliant containers
- Dose rate limited to 2 mR/hr at one meter on waste packages

WCS Subtitle C Landfill



Got DU?

We Do!

In August of 2014, WCS received approval for disposal of large quantities of DU.

Depleted Uranium (DU) will be disposed in the safest fashion available in the U.S. -- in encased in concrete at a depth of more than 100 feet with a cover system that is 30 feet thick. To date, this method of disposal is the safest commercial disposal of DU in the U.S.

Recent award with The Army Contracting Command - Rock Island (ACC-RI) for DU metal oxides out of Aerojet. Due to the DU concentration exceeding 5%, WCS is the only facility available for disposal.



Questions?

www.WCSTEXAS.com