

The logo for Energy Solutions features two curved lines, one blue and one green, arching over the text.

# ENERGY *SOLUTIONS*

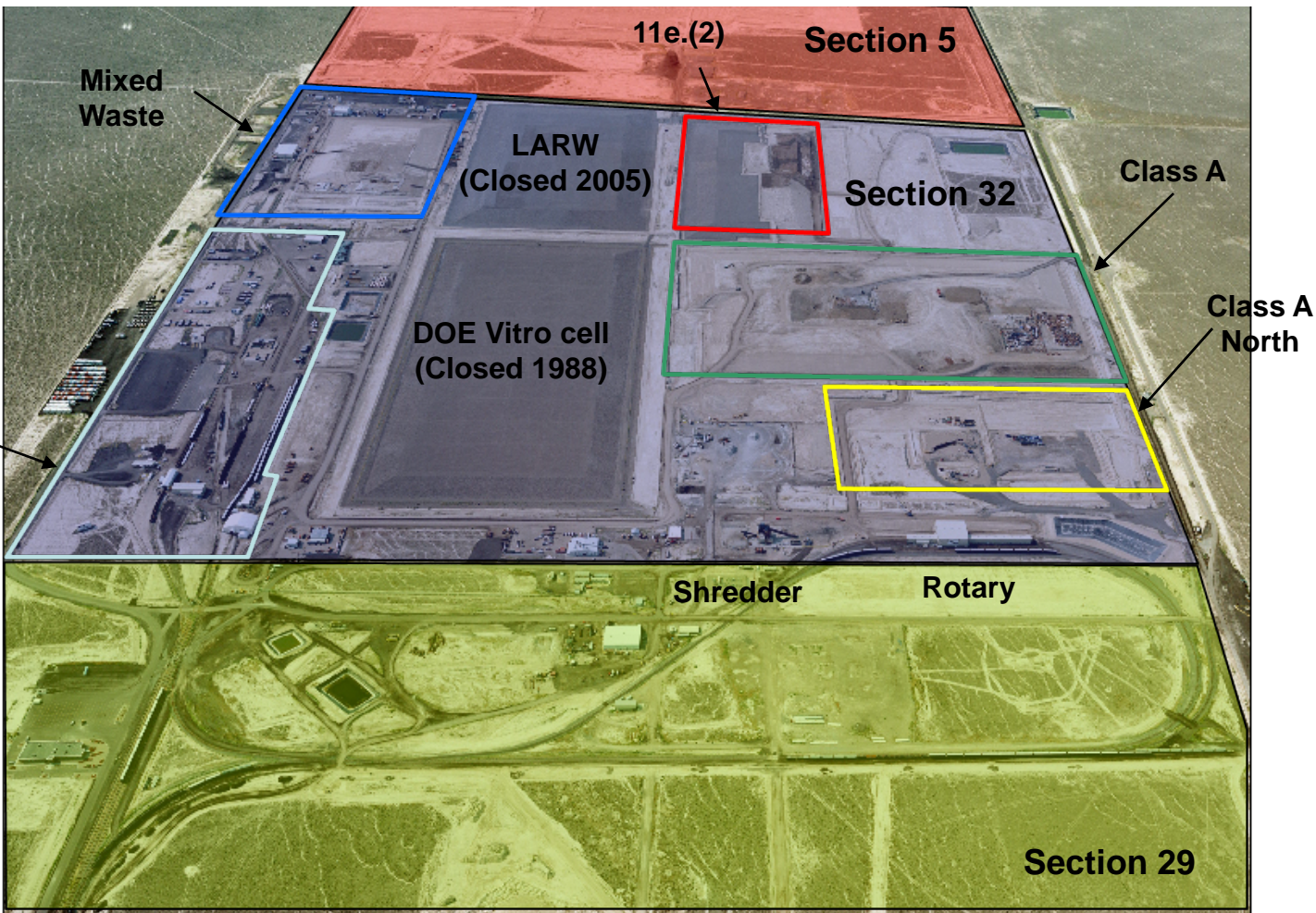


## **Clive, Utah Disposal Facility 2011 Update**

Jeffrey Gardner, Vice President:  
Clive TSD Facility



# Site Layout





# Services

- Bulk Disposal
- Containerized Disposal
- Component Disposal
- Mixed Waste Treatment
  - Macro
  - Stabilization
  - Liquid Solidification (LLRW and MW)
  - Thermal Desorption
- PCBs





## Recent License/Permit Changes

- DU Moratorium
- Solidified liquid & formerly characteristic MW disposal in Class A cell
- TSCA permit to shred PCB wastes
- TSCA permit for thermal desorption of higher PCB concentrations





## WAC Revision

- PCB large capacitors, undrained transformers
- NRC BTP for concentration averaging in waste classification requires prior approval
- DU Moratorium
- Ra-226 receipt limits w/o prior approval
- Dioxin/Furan waste (codes F020-F023, F026, F027)
- Reactive Metals



## WAC notes

- Sharps
- Animal carcasses/biological
- Check sources
- Export authorization documentation
  - With shipment paperwork for case-by-case Compacts





## DU Status

- Moratorium effective June 1, 2010
- May not receive or dispose of “significant quantities” of concentrated DU until PA approved
- PA in progress
- Review projected to take at least one year
- SRS DU drums received in Dec 2009 now stored in a dedicated warehouse building





# Semprasafe

- Uses Studsvik THOR process
- Provides disposal path for higher activity resins
- Utah reviewing technical aspects.







## Upcoming changes

- DRC Clive “Stakeholder Forum”
- DRC enforcement policy for GSAP violations to be revised
- Class A West cell





# GSAP

- DRC inspection and enforcement has increased
- 2931 inspections 2010
- Enforcement policy currently under revision





Tours Available

[www.energysolutions.com](http://www.energysolutions.com)