Boom or Bust? Perspectives on Treatment Capacity

By Paul Larsen
Major ARRA Work Areas

- Moab
- Clive Disposal
- Logistics Operations
Clive Treatment & Disposal

- Class A Low-level Waste Disposal
- Mixed Low-level Waste Treatment
- Mixed Low-level Waste Disposal
Clive Operations

- Mixed Waste Treatment and Disposal
  - Stabilization
  - Solidification
  - Vacuum Thermal Desorption (VDT)
  - Macroencapsulation
Clive MWT Estimated Capabilities

<table>
<thead>
<tr>
<th>Cubic Feet</th>
<th>FY 2009</th>
<th>FY 2010</th>
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<tbody>
<tr>
<td>VTD</td>
<td>20%</td>
<td>39%</td>
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<tr>
<td>Macro</td>
<td>16%</td>
<td>13%</td>
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<tr>
<td>Stabilization</td>
<td>2%</td>
<td>1%</td>
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Bear Creek Operations

- Incineration
  - Two (2) Commercial Low-level Radioactive Units
  - Solids, Liquids, Oils, and Sludges
- Compaction
  - Largest LLW Compactor in U.S.
- Metal Melt Furnace
  - Produce 10,000 Kg Shield Blocks for High Energy Physics Labs
- RCRA Part B Mixed Waste Permit
- Eastern U.S. Transfer station/waste preparation for Clive Disposal
Looking Ahead

• 2011 appears slightly down from 2010 in terms of Treatment/Disposal volumes

• Treatment Capacity does not appear to be an issue