

Budget Impacts on Waste Disposal Operations at the Nevada National Security Site (NNSS)



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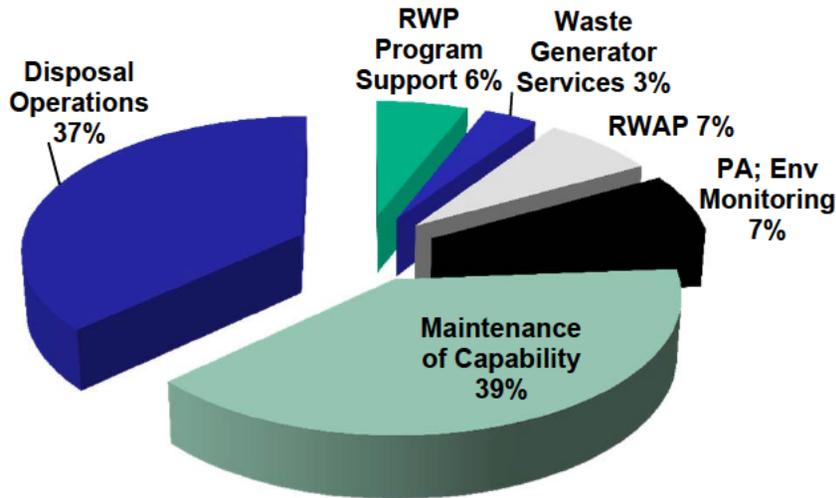


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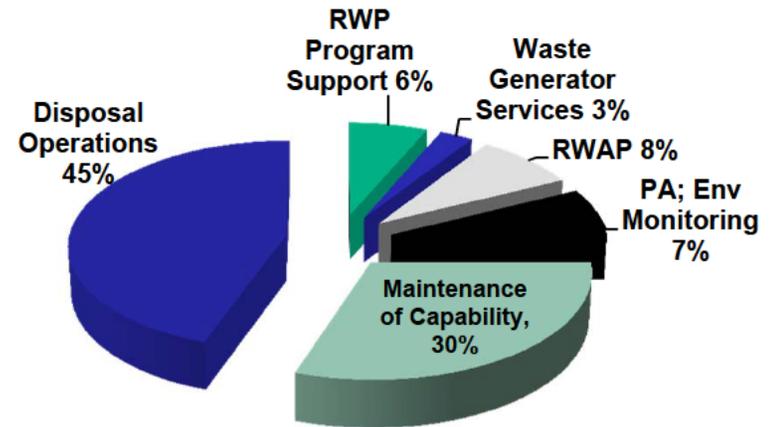
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NNSS FY 2011 Budget \$26.2M



NNSS FY 2012 Budget \$18.06M

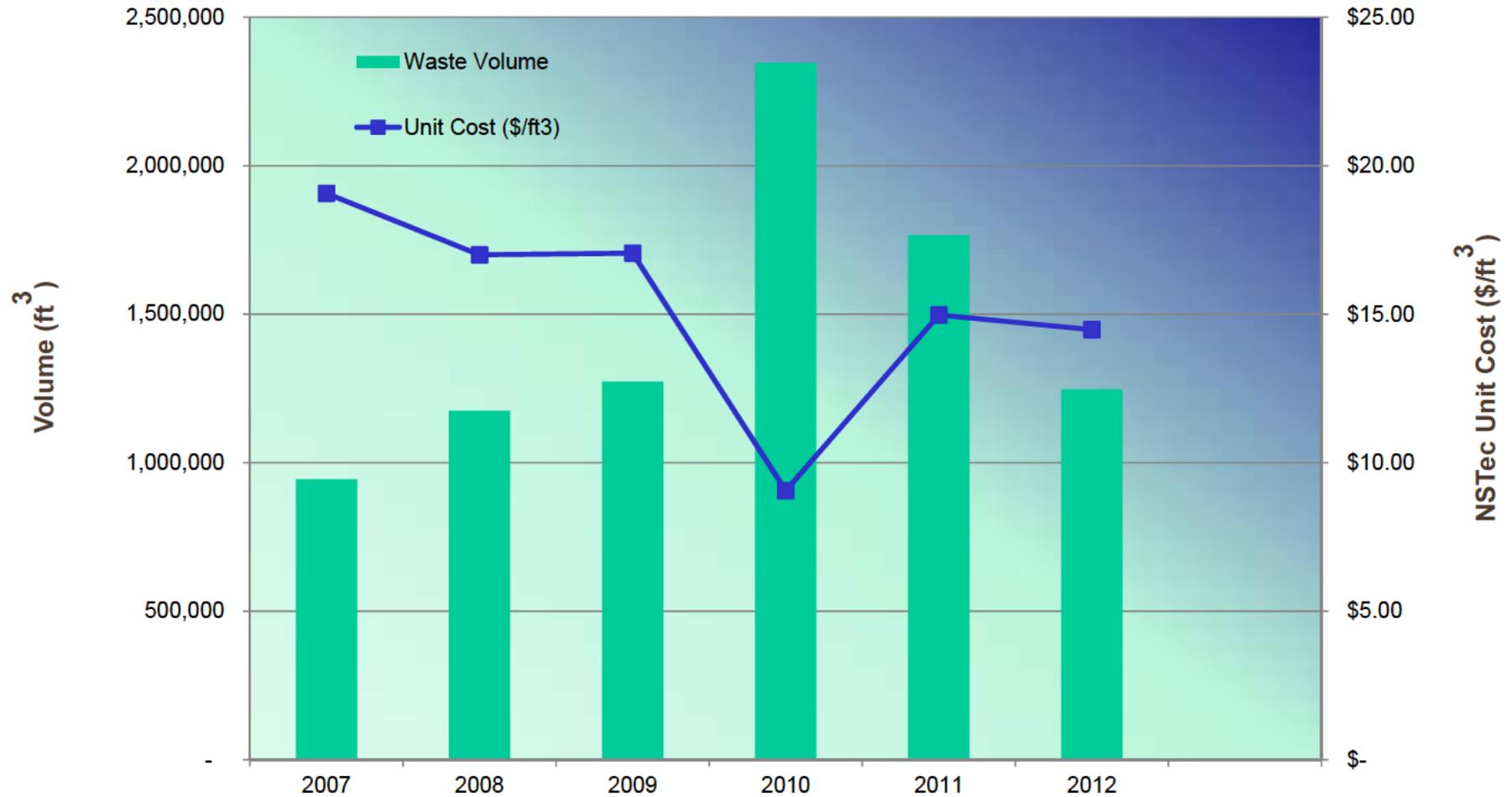


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NNSS Waste Disposal Volumes and Unit Cost



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Disposal Challenges Met

- Increased forecast and volumes (FY 2010 and FY 2011)
- Expedited shipment campaigns (funding expiration)
- Shifts in packaging configurations
 - Increased number of containers
 - More packages per shipment
- Shipment scheduling and coordination
- Volume tracking and reporting

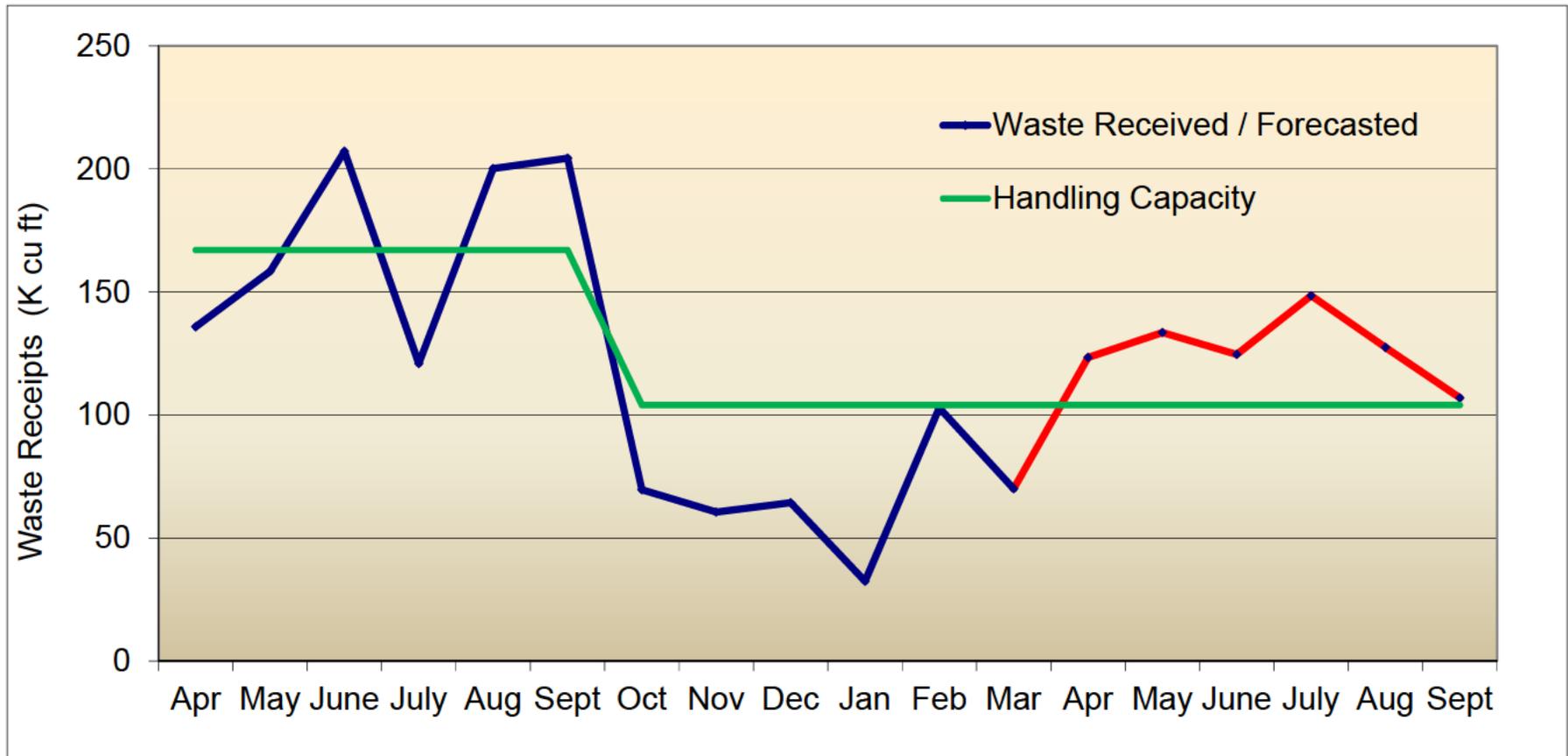


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FY 2011- FY 2012 Volume Monthly Actual/Forecast and Crew Capacity



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Responding to Budget Challenges

- Efficiencies in previous years result in increased expectations
- Under current funding constraints, surcharges may be necessary for excess volumes and special operations, such as:
 - Complex cask unloading
 - Additional work such as trailer decontamination
 - Documented Safety Analysis revision for Waste Acceptance Criteria exceptions
- Routine crane operations are funded in FY 2012
- Radioactive Waste Acceptance Program visits reduced by one-third (But no such thing as a “li'l” mistake)



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Teamwork

- Maintained the ability for transporter to drop trailers during off-hours and retrieve for transport to Area 5 Radioactive Waste Management Complex
- Worked with generators to accommodate larger volumes without surcharges
- Coordinated with generators to level-load shipments
- Completed 3 new disposal cells with no additional program funding required
- Ensured packaging was efficient for receipt and disposal
- Encouraged generator flexibility for shipment arrival to alleviate heavy volume days
- Currently no plans in FY 2012 for furloughs



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Unique Waste Stream Acceptance and Disposal

- TN-RAM Contaminated Cask Unloading
 - Spallation Neutron Source high activity waste
 - TVA Base plates



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Unique Waste Stream Acceptance and Disposal

(continued)

- Unirradiated Light Water Breeder Reactor Rods
 - High-activity unirradiated nuclear fuel from Idaho shipped in Type B Cask under plutonium equivalent gram restrictions



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Unique Waste Stream Acceptance and Disposal (continued)

- Radioisotope thermoelectric generators from military sites and installations recovered for threat reduction purposes
- German ZEUS calorimeters contaminated by DOE-owned depleted uranium certified by Brookhaven after transloading in Port of Houston
- MLLW from former NASA reactor (cadmium control rods)



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Unique Waste Stream Acceptance and Disposal

(continued)

- Reactor control rod blades and beam plugs from Brookhaven
- Large concrete shield blocks from Berkeley Bevatron D&D



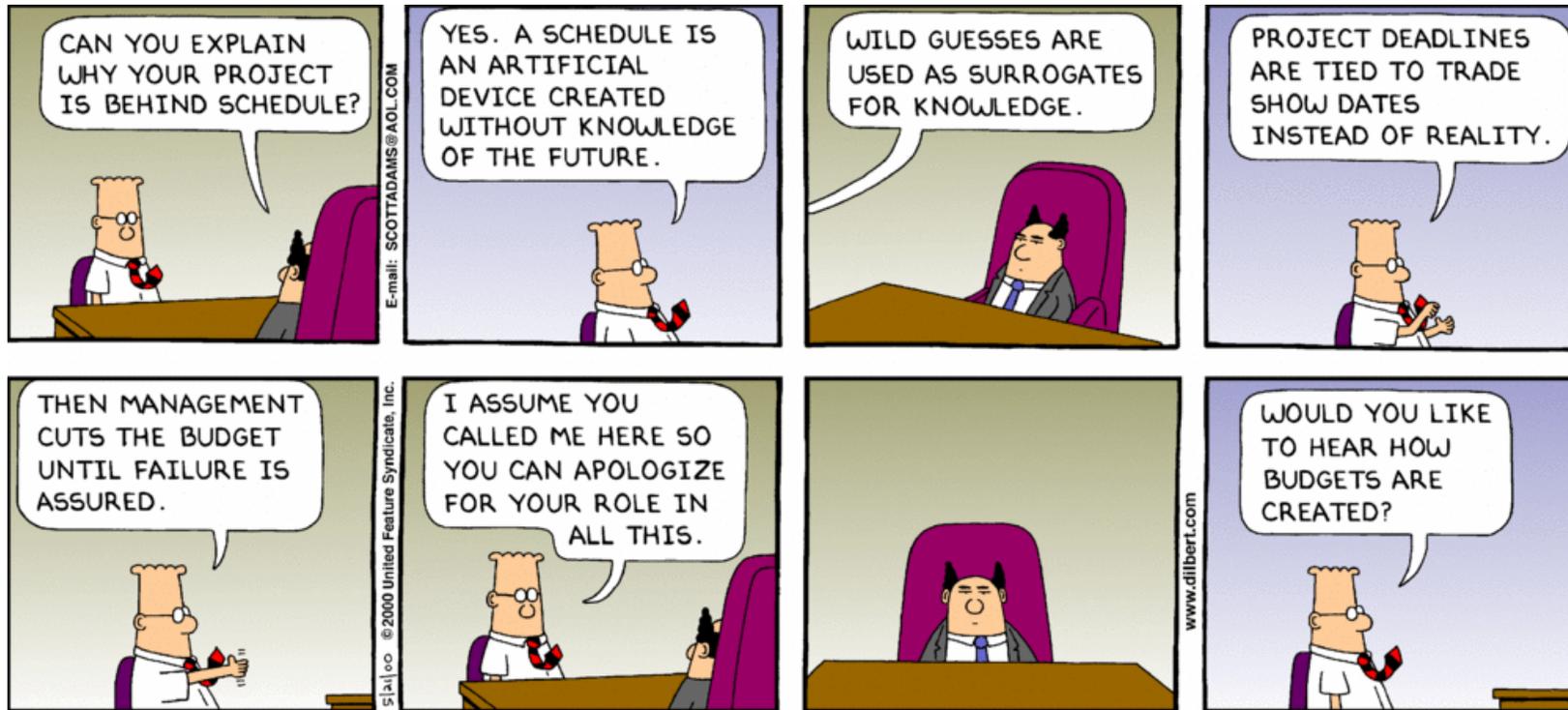
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Conclusion



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