

---

# Road Map to Success (Compliant Waste Disposal)

Jeff Lavender

Waste Certification Official  
B&W Y-12

April 24, 2012



This document has been reviewed by a Y-12 ADC/  
UCNL RO and has been determined to be  
UNCLASSIFIED and contains no UCNL. This review  
does not constitute clearance for Public Release.

Name: McWright Date: 4/2/12

---

- **DISCLAIMER**

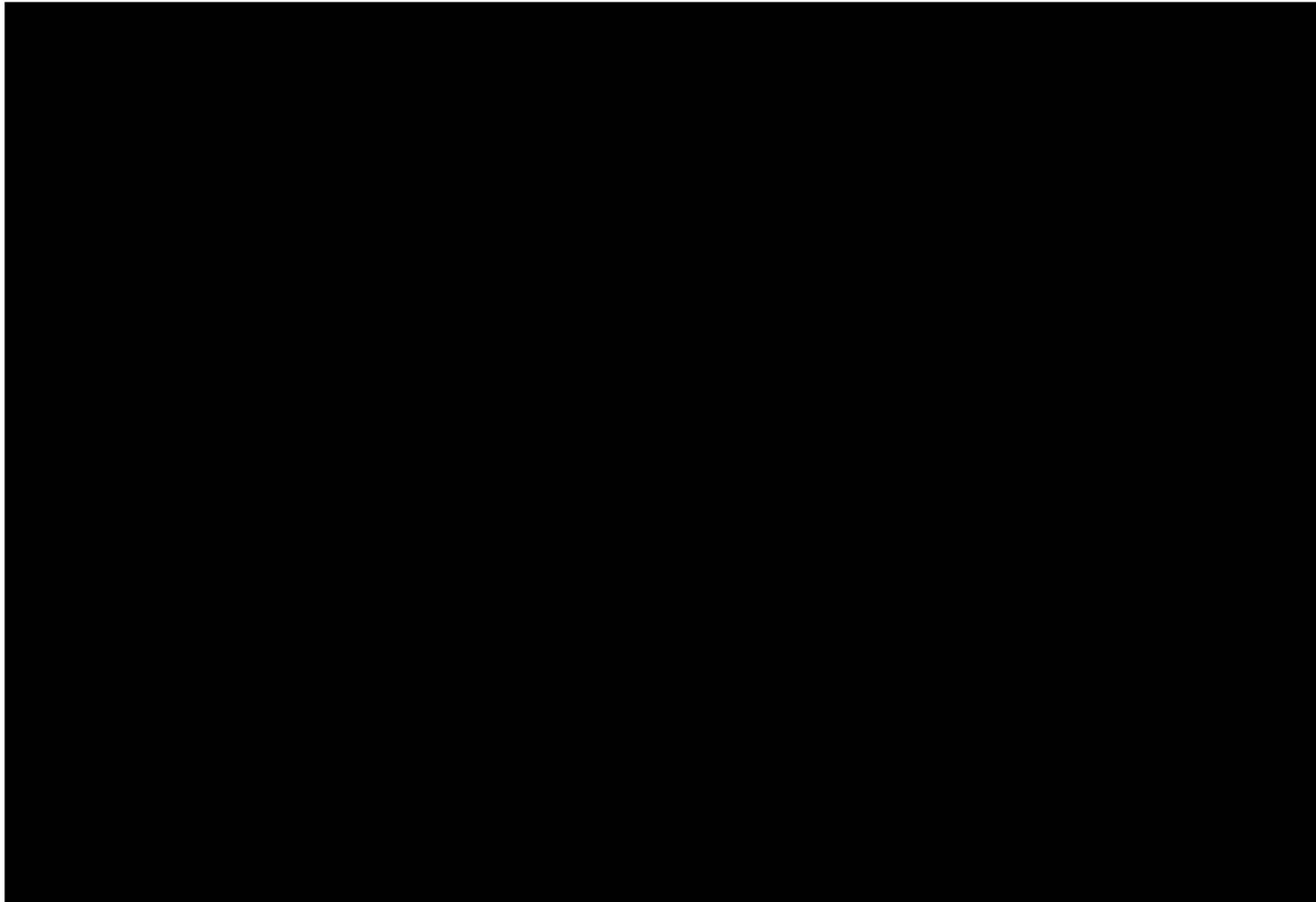
This work of authorship and those incorporated herein were prepared by Contractor as accounts of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor Contractor, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, use made, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency or Contractor thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency or Contractor thereof.

- **COPYRIGHT NOTICE**

- This document has been authored by a contractor/subcontractor of the U.S. Government under contract DE-AC05-00OR-22800. Accordingly, the U.S. Government retains a paid-up, nonexclusive, irrevocable, worldwide license to publish or reproduce the published form of this contribution, prepare derivative works, distribute copies to the public, and perform publicly and display publicly, or allow others to do so, for U. S. Government purposes.

*We have come a long way*

---



# *Starting Down the Road*

---

## **Identify Your Customers**

Who are our customers?

- DOE,
- Groups you support: on-site- projects/project managers, clean-ups, D & D orgs., process facilities, laundry, etc.
- Regulators – State Agencies, EPA, DOT, etc.
- TSDFs – NNSS, commercial facilities, on-site landfills, etc.

## *Build Good Working Relationships with Your Customers*

---

### **How do we build those relationships?**

- Communicate
- Treat Others as You would Want to be treated
- Put yourself in the generator's/regulator's shoes (this goes both ways)
- Show respect, be courteous
- Keep the generator/regulator informed
- Always be willing to help

## *Relationship Busters*

---

- Arrogance/trying to impress with knowledge
- Always hearing, “You cannot do that!!!!”  
Would rather hear, “we cannot do that because regulations/orders/procedures prohibit us from doing that”
- The use of the words “I” and “me,” “mine”  
use the words “us, “ours,” “we,”
- Impatience

## *Plan, Plan, Plan!*

---

- Identify the waste streams(s).
- Review/Walk-down waste stream where physically possible.
- Use integrated teams to walk-down waste stream (SMEs, WM, operations, RADCON, safety, transportation, safeguards and security, quality).
- Identify hazards
- Characterize (most cases) prior to packaging, identify prohibited items and tag and segregate prior to packaging

# *Write a Waste Management Plan*

---

The waste management plan should include:

- Waste identification
- Roles and Responsibilities
- Characterization
- Prohibitive items and controls
- Package selection, packaging, and labeling
- Accumulation and storage
- Security considerations (where applicable)
- Disposition

## *Words of Wisdom*

---

- Training is worth the investment. Implement job specific training.
- Sampling Analysis Plans and Data Quality Objectives are goooooood!!!
- Review lessons learned, occurrence reports, assessment reports, NCRs, Operating Experience Weekly Reports, etc.
- Peer/Independent reviews of calculations, technical basis documents, SAPs, etc., can save you grief

## *More Words of Wisdom*

---

- Have a strong Waste Certification Program it is the last line of defense
- Waste Package Certifiers are an excellent investment
- Get transportation involved from the very beginning
- Perform your surveillances and assessments

# *The Road to Success Looks Like..*

---







# *OSY East Before*



# *OSY East After*



# *Biology Before (9211)*



# *Biology After(9211)*



# *Bumps in the Road Look Like.....*



# *Oil Bearing Equip. not Drained*



# *Draining Equipment*



## *The Famous Bubbler*



# *Free Liquids*

---



# *Cause for Free Liquids*

---



# *Oops Wrong Absorbent*



# *Breached Sealand*

---



# *Inside View*

---



# *Come to the Smoky Mountains and See the Bears*

---



# *The Deer*



# *The Old Mill*

---



## *And Trout Fish*

