ADEQ’s Waste Inspections and Compliance Unit

Webinar: *RCRA and Hazardous Waste Regulations*  
February 15, 2017
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Brought to you by:

- The Western Sustainability Pollution Prevention Network
- The Arizona Department of Environmental Quality
Webinar Agenda

10:00 AM  Webinar Overview
10:05     Presentation
10:45     Q&A
11:00 AM  Adjourn

Presented by: Ethan Leiter
ADEQ Waste Webinar: Hazardous Waste Top 10 Violations

Presented by:

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2017
“ADEQ will take reasonable measures to provide access to department services to individuals with limited ability to speak, write, or understand English and/or to those with disabilities. Requests for language interpretation services or for disability accommodations must be made at least 48 hours in advance by contacting: Environmental Justice/Title VI Nondiscrimination Program Coordinator at 602-771-4322 or idb@azdeq.gov

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Top 10 Violations
Top 10 Violations

1. Improper labeling, dating, and closing of hazardous waste containers
2. Emergency Coordinator/Contingency Plan
3. Failure to perform a Waste Determination
4. Improper treatment, storage, or disposal of hazardous waste
5. Providing Training/Training records/Training Plan
6. Universal Waste Issues
7. Improper/inaccurate hazardous waste generator status determination
8. Preparedness & Prevention/Emergency Equipment
9. Weekly Inspections/Weekly Checklists
10. Registration and generation fees
1) Improper Labeling and Dating
(SQG & LQG requirement)
Tips for Compliance: Label & Dating

Ex. Hazardous Waste Storage Containers
Ex. Hazardous Waste Satellite Accumulation Containers
1) Open Containers of Hazardous Waste (SQG, LQG requirement)

- Must be closed, except when actively adding or removing waste
Violation Examples: Uncontained & Open
3) Failure to perform a Waste Determination

- All waste generated on site need to be evaluated.
  - (CESQG, SQG, LQG requirement)
Violation Examples: Waste Determinations
Tips for Compliance: Waste Determination

- Keep supporting documentation on file (i.e. SDS, laboratory analysis, etc.) (required)
- Updated accordingly
  - Anytime your products/process change
  - ADEQ recommends to update profile every 3 years
4) Improperly treating hazardous waste or unpermitted treatment
### Who Can “Treat” Hazardous Waste?

**Answer: It depends.**

| Treatment, Storage, & Disposal Facilities (TSDFs) | Permitted under 40 CFR Part 264  
| Permitted under 40 CFR Part 265 Interim Status under 40 CFR Part 265 |
|------------------------------------------------|--------------------------------------------------------------------------------|
| Transporters | May only consolidate hazardous wastes with the same DOT shipping description in containers or tanker trucks at transfer facilities if the waste has been manifested to same permitted TSDF |
**Who Can “Treat” Hazardous Waste?**

**Answer: It depends.**

<table>
<thead>
<tr>
<th>Generators</th>
<th>LQGs/SQGs:</th>
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<tbody>
<tr>
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<td>Allowed to treat hazardous waste on-site without a permit provided you are in compliance with applicable provisions in 40 CFR 262.34</td>
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<td>Treatment to meet LDRs requires a WAP (40 CFR 268.7(a)(5))</td>
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<td>CESQGs:</td>
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<tr>
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<td>Allowed if meets one of conditions listed in 40 CFR 261.5(g)(3)(iii) through (vii).</td>
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<tr>
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<td>If does not meet, must have permit under Part 270 or operate in interim status under Parts 270 and 265 before treating or disposing of waste on site (40 CFR 261.5(g)(3)(i) &amp; (ii))</td>
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**Note:** All Generators may not conduct Thermal Treatment without a permit (51 FR 10146, 10168; March 24, 1986)
Violation Examples: Uncontained
Violation Examples: Storage
Improper Disposal of Hazardous Waste
(CESQG, SQG, LQG requirement)
Generators must use a hazardous waste transporter who is registered with ADEQ and has a valid EPA ID #.

Generators may ship to in-state TSDFs permitted with ADEQ or out-of-state TSDFs permitted in their respective states.
Hazardous Waste TSDFs in Arizona

- Camp Navajo
- Clean Harbors Arizona, LLC (CHA)
- Conn-Selmer, Inc. (CSI)
- Heritage Environmental Services, LLC
- Nammo Talley, Inc.
- Safety-Kleen Corp. (Chandler)
- U.S.A.F. Barry M. Goldwater Range, East Segment
- U.S. Army Garrison Yuma Proving Ground
- U.S.M.C. Barry M. Goldwater Range, West Segment
- Universal Propulsion Company (UPCO) Corrective Action Facility
- University of Arizona - Page Trowbridge Ranch Landfill
- Veolia ES Technical Solutions, LLC
- World Resources Company

For more information, contact Anthony Leverock, Permits & Plan Review Unit Manager, at (602)771-4160.
5) Training
- Incomplete Training Plan
- Missing Training Records
6) Universal Waste Issues
Violation Examples: Universal Waste
Broken Lamps

- Once a lamp breaks, it releases mercury vapors into the air so it is important to ensure the immediate cleanup and containment of the lamp debris.

- Make sure your facility has proper procedures for reporting and managing broken lamps.

- “Accidentally” broken lamps and their debris can be managed as universal waste, whereas, “intentionally” broken lamps and their debris must be managed as hazardous waste
  
  • Unless other exemptions apply (i.e. lamps were generated in a household or a CESQG facility)

See Fact Sheet: What To Do If You Break A Mercury Containing Lamp - February 2010 for more info.
Tips for Compliance: Universal Waste
• 8) Emergency Equipment

(40 CFR 265 Subpart C):
– Maintained to minimize possibility of fire, explosion, or release
– Equipped with:
  • Internal communications or alarm system
  • Telephone or walky-talkies capable of summoning emergency assistance from local emergency authorities
  • Portable fire extinguishers, spill control equipment, and decontamination equipment
  • Water at adequate volume and pressure to supply water or sprinklers or water spray systems
– Adequate aisle spacing
– “No Smoking” sign
Violation Examples: Facility Preparedness & Prevention

- Not having all required equipment
- Accessibility/aisle spacing
- Not testing and maintaining equipment
Tips for Prevention: Facility Preparedness & Prevention
NEED HELP?

- Contact the HWICT for regulatory interpretations or Technical Assistance (TA) Meetings.
- Review the lists of major and minor violations found in the Compliance & Enforcement Handbook.
- Consult ADEQ or EPA website
- Look to your specific industry for tips on how to comply with the regulations.
- Call the HWICT for assistance!!!
Resources

- https://public.govdelivery.com/accounts/AZDEQ/subscriber/new

- ADEQ Hazardous Waste’s Website (inspection checklists)


- Fact Sheet: Managing Universal Waste Lamps for Businesses (2014)
Questions?

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- Thank you!