

CLOSURE FOR LQG: FACILITY AND UNITS



40 CFR 262.17(a)(8)

Changes to Closure

- Consolidates requirements to one place
 - ▣ **40 CFR 262.17(a)(8)**
- Requires LQGs to notify when closing facility or unit
- Requires that LQGs accumulating in only containers also have to close as a landfill if they cannot clean close
- Clarifies closure doesn't apply to satellite accumulation areas

Why Were These Changes Made

- Cut down on confusion
- Ensure EPA/DEP is notified when a LQG closes
- Previously LQGs who accumulated only in containers did not have to close as a landfill if they couldn't clean close
 - ▣ Many Superfund sites were created as a result of facilities leaving containers and abandoning sites.

VSQGs and SQGs Closure

No regulatory requirements but

IT'S SIMPLE!!!

Remove all hazardous waste from the site.

Requirements for LQGs



Two sets of requirements:

- ▣ Closure of hazardous waste unit requirements:
[**40 CFR 262.17(a)(8)(i)**]
- ▣ Closure of entire facility requirements
[**40 CFR 262.17(a)(8)(ii)-(iii)**]

Closure of Hazardous Waste Units

Two separate methods:

- ▣ Place a note in facility operating record or
- ▣ Follow closure performance standards

Closure requirements do **NOT** apply to satellite accumulation areas.



Closure of Hazardous Waste Units

Note in operating record:

- **40 CFR 262.17(a)(8)(i)(A)**
- Must place a note in the facility operating record within 30 days after the closure of the unit.
- The note must specify where in the facility the unit was located.
- If the unit is put back into service, remove the note from the record.
 - Do **NOT** need to notify if re-opening a unit

Closure of Hazardous Waste Units

Follow Performance Standards

- **40 CFR 262.17(a)(8)(i)(B)**
- Close the unit according to the performance standards listed under (a)(8)(iii)
- Notify the NJDEP with the 8700-12 form that the facility has complied with the closure performance standards for that unit
 - Form need to be submitted within 90 days after the unit is closed

Closure of Facility

Notification to NJDEP

- ▣ **40 CFR 262.17(a)(8)(ii)**
- ▣ All notifications must be done on EPA form 8700-12.
- ▣ Initial notification
- ▣ Final notification
- ▣ Request for extension



Closure of Facility

Initial Notification

- ▣ **40 CFR 262.17(a)(8)(ii)(A)**
- ▣ Must be submitted at least 30 days prior to the start of closure of the facility.

Final Notification

- ▣ **40 CFR 262.17(a)(8)(ii)(B)**
- ▣ Must be submitted within 90 days after the start of closure of the facility.

<input type="checkbox"/> Y <input type="checkbox"/> N	Are you an SQG or VSQG generating hazardous waste from a planned or unplanned episodic event, lasting no more than 60 days, that moves you to a higher generator category. If "Yes", you must fill out the Addendum for Episodic Generator.
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14. LQG Consolidation of VSQG Hazardous Waste

<input type="checkbox"/> Y <input type="checkbox"/> N	Are you an LQG notifying of consolidating VSQG Hazardous Waste Under the Control of the Same Person pursuant to 40 CFR 262.17(f)? If "Yes", you must fill out the Addendum for LQG Consolidation of VSQGs hazardous waste.
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15. Notification of LQG Site Closure for a Central Accumulation Area (CAA) (optional) OR Entire Facility (required)

<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	LQG Site Closure of a Central Accumulation Area (CAA) or Entire Facility.
A. <input type="checkbox"/> Central Accumulation Area (CAA) <input checked="" type="checkbox"/> Entire Facility	
B. Expected closure date: <u>7/1/2018</u> mm/dd/yyyy	
C. Requesting new closure date: _____ mm/dd/yyyy	
D. Date closed : _____ mm/dd/yyyy	
<input type="checkbox"/> 1. In compliance with the closure performance standards 40 CFR 262.17(a)(8)	
<input type="checkbox"/> 2. Not in compliance with the closure performance standards 40 CFR 262.17(a)(8)	

16. Notification of Hazardous Secondary Material (HSM) Activity

<input type="checkbox"/> Y <input type="checkbox"/> N	A. Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 260.30, 40 CFR 261.4(a)(23), (24), or (27)? If "Yes", you must fill out the Addendum to the Site Identification Form for Managing Hazardous Secondary Material.
<input type="checkbox"/> Y <input type="checkbox"/> N	B. Are you notifying under 40 CFR 260.43(a)(4)(iii) that the product of your recycling process has levels of hazardous constituents that are not comparable to or unable to be compared to a legitimate product or intermediate but that the recycling is still legitimate? If "Yes", you may provide explanation in Comments section. You must also document that your recycling is still legitimate and maintain that documentation on

13. Episodic Generation

<input type="checkbox"/> Y <input type="checkbox"/> N	Are you an SQG or VSQG generating hazardous waste from a planned or unplanned episodic event, lasting no more than 60 days, that moves you to a higher generator category. If "Yes", you must fill out the Addendum for Episodic Generator.
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14. LQG Consolidation of VSQG Hazardous Waste

<input type="checkbox"/> Y <input type="checkbox"/> N	Are you an LQG notifying of consolidating VSQG Hazardous Waste Under the Control of the Same Person pursuant to 40 CFR 262.17(f)? If "Yes", you must fill out the Addendum for LQG Consolidation of VSQGs hazardous waste.
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15. Notification of LQG Site Closure for a Central Accumulation Area (CAA) (optional) OR Entire Facility (required)

<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	LQG Site Closure of a Central Accumulation Area (CAA) or Entire Facility.
A. <input type="checkbox"/> Central Accumulation Area (CAA) <input checked="" type="checkbox"/> Entire Facility	
B. Expected closure date: _____ mm/dd/yyyy	
C. Requesting new closure date: _____ mm/dd/yyyy	
D. Date closed : <u>8/1/2018</u> mm/dd/yyyy	
<input checked="" type="checkbox"/> 1. In compliance with the closure performance standards 40 CFR 262.17(a)(8)	
<input type="checkbox"/> 2. Not in compliance with the closure performance standards 40 CFR 262.17(a)(8)	

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Closure of Facility

Request for extension

- ▣ **40 CFR 262.17(a)(8)(ii)(C)**
- ▣ If more than 90 days will be needed to finish closing the facility:
 - Request an extension within 75 days **after** the date listed on the initial notification.
 - Indicate why an extension is needed and how much additional time is expected to be needed.

Closure of Facility

Follow Closure Performance Standards

- ▣ **40 CFR 262.17(a)(8)(iii)**
- ▣ All closure according to performance standards must be complete within 90 days **after** start of closure.

Closure Performance Standards

- Minimize escapes and releases;
- Remove or decontaminate material;
- Handle hazardous wastes generated as a result of closing or;
- Close as a landfill

Closure Performance Standards

Minimize Releases

- ▣ **40 CFR 262.17(a)(8)(iii)(A)(1)**
- ▣ The post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated run-off, or hazardous waste decomposition products to the ground or surface waters or to the atmosphere

Closure Performance Standards

Remove or Decontaminate Equipment

- ▣ **40 CFR 262.17(a)(8)(iii)(A)(2)**
- ▣ Remove or Decontaminate Tanks and Equipment
- ▣ Remove hazardous waste drums and containers
- ▣ Remove contaminated soils
- ▣ Clean/wash/remove contaminated areas and structures

Closure Performance Standards

Handling of hazardous wastes generated from closing

- **40 CFR 262.17(a)(8)(iii)(A)(3)**
- Must be handled in accordance with all applicable standards including Land Disposal Restrictions
- Must be removed from site within 90 days of generation.
 - Examples: residues, rinsates

Closure Performance Standards

Closure as a landfill

- ▣ **40 CFR 262.17(a)(8)(iii)(A)(4)**
- ▣ If soils and/or wastes cannot be practically removed or decontaminated then the facility is considered a landfill and must follow post-closure requirements for landfills.
 - Post Closure requirements listed under **40 CFR 265.310**

Closure of Drip Pads

- **40 CFR 262.17(a)(8)(iv)**
- Drip pad operators must comply with release minimization requirements [(A)(1)] and waste handling requirements [(A)(3)] mentioned before.
- Must also comply with requirements listed in 40CFR 265 subpart G and H.

Contact Info



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