

Large Quantity Generator Closure



**ENVIRONMENTAL
QUALITY**

WASTE MANAGEMENT & RADIATION CONTROL

LQG Closure

❖ A Large Quantity Generator (LQG) accumulating hazardous wastes in:

- Containers,
- Tanks,
- Drip Pads and,
- Containment Buildings

Prior to closing a unit at the facility or prior to closing the facility shall meet conditions specified in R315-262-17(a)(8)



LQG Closure Notification

- ❖ LQGs shall perform one of the following when closing a waste accumulation unit:
 - (A) Place a notice in the operating record within **30 days** after the closure identifying the location of the unit within the facility; OR
 - (B) Meet the closure performance standards in R315-262-17(a)(8)(iii) for container, tank and containment building waste accumulation units or R315-262-17(a)(8)(iv) for drip pads and notify the Director following the procedures listed later in the presentation.



LQG Closure Notification

❖ Notification requirements for closure of the facility are found in R315-262-17(a)(8)(ii) and described below:

(A) Notify the Director using EPA form 8700-12 no later than 30 days prior to closing the facility.

(B) Notify the Director using EPA form 8700-12 within 90 days after closing the facility that it has complied with the closure performance standards of R315-262-17(a)(8)(iii) or (iv).

Note: if the facility can't meet the closure standards in the aforementioned subsection, notify the Director using form 8700-12 that it will close as a landfill under 40 CFR 265.310 for containers, tanks or containment building units. 40 CFR 265.445(b) applies to facilities with drip pads.



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Clean Closure

- ❖ Clean Closure is closure by removal or decontamination.
- ❖ A LQG may request additional time to clean close but it shall notify the Director using form 8700-12 within 75 days after the date provided (this is the date originally provided no later than 30days prior to closing the facility) to request an extension and provide an explanation as to why the additional time is required.



Closure Performance Standards

- ❖ For Container, Tank Systems, and Containment Building waste accumulation areas.
- ❖ (A) At closure, the generator shall close the waste accumulation unit or facility in a manner that:
 - ❖ (I) Minimizes the need for further maintenance by controlling, minimizing, or eliminating, to the extent necessary to protect human health and the environment, 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 Cont.

- ❖ For Container, Tank Systems, and Containment Building waste accumulation areas.
- ❖ (II) Removes or decontaminates all contaminated equipment, structures and soil and any remaining hazardous waste residues from waste accumulation units including containment system components (pads, liners, etc.), contaminated soils and subsoils, bases, and structures and equipment contaminated with waste, unless Subsection R315-261-3(d) applies



Closure Performance Standards Cont.

- ❖ For Container, Tank Systems, and Containment Building waste accumulation areas.
- ❖ (III) Any hazardous waste generated in the process of closing either the generator's facility or unit(s) accumulating hazardous waste shall be managed in accordance with all applicable standards of Rules R315-262, R315-263, R315-265 and R315-268, including removing any hazardous waste contained in these units within 90 days of generating it and managing these wastes in a hazardous waste permitted treatment, storage and disposal facility or interim status facility



Closure Performance Standards Cont.

- ❖ For Container, Tank Systems, and Containment Building waste accumulation areas.
- ❖ (IV) If the generator demonstrates that any contaminated soils and wastes cannot be practicably removed or decontaminated as required in R315-262-17(a)(8)(ii)(A)(II), then the waste accumulation unit is considered to be a landfill and the generator shall close the waste accumulation unit and perform post-closure care in accordance with the closure and post-closure care requirements that apply to landfills (40 CFR 265.310, which is incorporated by reference in Section R315-265-1).



Closure Performance Standards Cont.

- ❖ For Container, Tank Systems, and Containment Building waste accumulation areas.
- ❖ (IV) In addition, for the purposes of closure, post-closure, and financial responsibility, such a waste accumulation unit is then considered to be a landfill, and the generator shall meet all of the requirements for landfills specified in 40 CFR 265.110 through 265.121 and 265.140 through 265.148, which are incorporated by reference in Section R315-265-1



Closure Performance Standards Cont.

- ❖ For Drip Pad Waste Accumulation Units
- ❖ (iv) At closure, the generator shall comply with the closure requirements of Subsections R315-262-17(a)(8)(ii) and (a)(8)(iii)(A)(I) and (III), and 40 CFR 265.445(a) and (b), which are incorporated by reference in Section R315-265-1.

