

*** DRAFT – NOT FOR FILING ***

3745-520-615

Routine facility inspections.

(A) Daily inspections. An owner or operator shall inspect a C&DD facility on each day material is accepted for disposal in accordance with the following:

(1) At least once for the following:

(a) Ponding of surface water.

(b) Erosion.

(c) Litter.

(d) Leachate outbreaks.

(e) Cover integrity.

(f) Leaks and failures of the leachate conveyance and storage components, pumps, and meters.

(g) Indications of gas generation and migration.

(h) Indications of a fire or explosion including but not limited to the following:

(i) Heat.

(ii) Light from embers, combustion, or oxidation.

(iii) Settlement of disposed material that is unexpected or abnormal.

(iv) Smoke, steam, or vapor.

(v) Smoldering material.

(vi) Soot, charred material, or combustion residue.

(vii) Abnormal snowmelt patterns.

(viii) Combustion odors.

(2) At least twice for odors in accordance with the following:

(a) The owner or operator shall at a minimum conduct odor inspections prior to the day's initial acceptance of material for disposal and following the day's final acceptance of material for disposal.

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(b) Odor inspections shall be conducted by the owner or operator using the following odor intensity reference scale:

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<u>Level:</u>	<u>Descriptors:</u>
<u>0</u>	<u>A concentration of an odorant that produces no sensation.</u>
<u>1</u>	<u>A concentration of an odorant that is barely detectable.</u>
<u>2</u>	<u>A distinct and definite odor whose characteristic is clearly detectable.</u>
<u>3</u>	<u>An odor strong enough to cause a person to avoid it completely.</u>
<u>4</u>	<u>An odor so strong as to be overpowering and intolerable for any length of time.</u>

(c) To maximize the detection of odors, the owner or operator shall at a minimum conduct odor inspections by doing the following:

(i) Inspecting along the perimeter of disposed material and along the C&DD facility boundary.

(ii) Selecting additional locations within the C&DD facility when necessary based on previous inspections.

(iii) Stopping at each location where an odor is detected and evaluating the odor using the odor intensity reference scale.

(iv) During a subsequent inspection of the day, returning to each location where an odor was detected in a previous inspection for that day and reevaluating the odor using the odor intensity reference scale.

(B) Weekly inspections. Unless an alternative time is specified elsewhere in this chapter, an owner or operator shall inspect engineered components and systems of engineered components described in rule 3745-520-200 of the Administrative Code at least weekly for evidence of damage, clogging, or failure.

[Comment: Rule 3745-520-03 of the Administrative Code requires an owner or operator to comply with rules 3745-512-60 and 3745-520-500 to 3745-520-599 of the Administrative Code if damage to or failure of an engineered component occurs.]

[Comment: Compliance with paragraph (B) of this rule does not require destructive activities but does include observations made possible via inspection ports and equipment installed for the purpose of monitoring engineered components.]

(C) Inspection documentation. At a minimum, the following information regarding an inspection conducted in accordance with this rule shall be recorded in the log of operations:

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- (1) The time of the inspection and weather conditions at the time of the inspection.
- (2) A description of each affected area discovered during an inspection conducted in accordance with paragraph (A)(1) of this rule and the location of each affected area on a general map of the C&DD facility.
- (3) For odor inspections conducted in accordance with paragraph (A)(2) of this rule:
 - (a) Each location where odor was evaluated on a general map of the C&DD facility.
 - (b) Odor evaluation information, including intensity and general characterization of the odor, time of each odor observation, and source of the odor, if known.
- (4) A discussion of each response or corrective action taken and whether the response or corrective action was successful.
- (5) Whether any types of samples were taken, and if so, the type of sample and analysis results. Analysis results available after the date of the inspection shall be inserted into the log of operations for the day of the sampling event.