

***** DRAFT – NOT FOR FILING *****

3745-520-652

Leachate management and disposal.

(A) Leachate management system operation. An owner or operator shall do the following:

(1) Operate the leachate management system to collect leachate from each area in the C&DD facility in which a leachate collection system has been installed.

(2) Keep leachate generated by disposed material within the certified portions of the leachate management system until the leachate is removed from the C&DD facility.

(3) Operate the leachate management system such that all collected leachate is conveyed to a leachate storage tank, leachate treatment works, or discharge connection to a public sewerage system, as specified in the permit to install.

(4) Record the quantity of leachate conveyed in the log of operations.

(5) Operate the leachate management system such that depth of leachate above the basal elevations of the leachate collection system drainage layer will not exceed one foot, except in sumps.

(6) Record all incidents of activation of the leachate high level alarm in the log of operations.

(7) Have at least one back-up pump at the C&DD facility at all times unless the leachate management system functions entirely upon gravity flow. An owner or operator shall place a back-up pump into service as needed to comply with paragraph (A)(3) of this rule. Not later than seven days after a pump is replaced, the owner or operator shall submit a construction certification report for the installation of the replacement pump in accordance with rules 3745-520-500, 3745-512-50, and 3745-512-436 of the Administrative Code.

(8) Not later than thirty days after placing the select C&DD layer over any of the leachate collection pipes, visually or physically inspect the leachate collection pipes for evidence of damage or failure including but not limited to deflection, deformation, or crushing. An owner or operator shall record documentation of this inspection in the log of operations and submit the documentation to the concurring authority with a construction certification report if repair or reconstruction is necessary.

[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.]

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(9) An owner or operator shall annually inspect the leachate collection pipes for clogging or obstruction. If any pipe is clogged or obstructed, the owner or operator shall remove the clog or obstruction.

(B) Leachate management in areas not underlain by a leachate management system.

If an owner or operator places C&DD or waste on the ground in an area of the C&DD facility not required to be underlain by a leachate management system, the owner or operator shall do the following in that area:

(1) Take action to minimize the production of leachate.

(2) Collect and contain leachate within the area and prevent leachate from discharging to waters of the state.

(3) Remove leachate from each area by the end of each working day.

(4) If they exist, maintain the structures or mechanisms used for the collection or containment of leachate to prevent blockage, clogging, leakage, or damage that may impede proper collection or containment of leachate.

[Comment: Examples of areas that may be subject to this rule are an inspection zone, a hot load handling area, and a storage area.]

(C) If a leachate outbreak occurs at the C&DD facility, an owner or operator shall at a minimum repair the outbreak and properly manage leachate from the outbreak by doing at a minimum the following:

(1) Containing and collecting the leachate and disposing the leachate and leachate-contaminated materials in accordance with paragraph (D) of this rule.

(2) Taking action to minimize, control, or eliminate the conditions that contribute to the production of leachate.

(D) An owner or operator shall manage and dispose leachate and leachate-contaminated materials in accordance with local, state, and federal requirements.

(E) An owner or operator shall implement the contingency plan for the storage, treatment, and disposal of leachate if leachate can no longer be treated and disposed in accordance with the permit to install.