

**\*\*\* DRAFT – NOT FOR FILING \*\*\***

3745-520-654

Leachate recirculation system operation.

(A) An owner or operator shall not operate a leachate recirculation system unless the following criteria are met:

(1) The design of the leachate recirculation system is approved in the permit to install.

(2) Operation of the leachate recirculation system is authorized in the current license.

(3) A gas management system is being operated to control hydrogen sulfide or other gases in the phase where leachate is to be recirculated.

(4) Ground water monitoring is being performed in accordance with rule 3745-520-06 and Chapter 3745-506 of the Administrative Code and the C&DD facility is not conducting a ground water assessment program or a ground water corrective actions program.

(5) The leachate sampling and analysis plan conforms to rule 3745-520-460 of the Administrative Code and leachate sampling and analysis is being performed in accordance with rule 3745-520-660 of the Administrative Code.

(B) An owner or operator shall not apply more than 4.3 gallons of leachate to any given cubic yard of area where material is disposed. The owner or operator shall record in the log of operations the amount of leachate applied to an area where material is disposed.

(C) An owner or operator shall operate a leachate recirculation system in a manner that prevents leachate outbreaks and leachate ponding.

(D) An owner or operator shall cease recirculating leachate if any of the following occur:

(1) The gas collection and conveyance system or gas control system becomes inoperable. This paragraph does not apply during periods of startup, shutdown, or malfunction, provided that the duration of startup, shutdown, or malfunction does not exceed five days.

(2) The leachate storage tank is full.

(3) Leachate outbreaks or leachate ponding.

(4) The leachate recirculation system or leachate management system or an engineered component of either fails.

(5) A slope failure.

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- (6) The owner or operator is conducting a ground water assessment or ground water corrective actions program.
- (7) The fire and explosion contingency plan is required to be implemented for a subsurface fire.
- (8) The hydrogen sulfide and other gases contingency plan is required to be implemented.
- (9) The volume of leachate applied to disposed material has exceeded the volume specified in paragraph (B) of this rule.
- (10) The owner or operator permanently ceases acceptance of material for disposal.