

567—101.113(455B) Post-closure care requirements. MSWLFs shall comply with the following post-closure care requirements.

101.113(1) Following closure of each MSWLF unit, the owner or operator must conduct post-closure care. Post-closure care must be conducted for 30 years, except as provided under 101.113(2), and consist of at least the following.

a. Maintaining the integrity and effectiveness of any final cover, including making repairs to the cover as necessary to correct the effects of settlement, subsidence, erosion, or other events, and preventing run-on and runoff from eroding or otherwise damaging the final cover;

b. Maintaining and operating the leachate collection system in accordance with the requirements in 101.107(5) “*b*” and 101.105(9), if applicable. The department may allow the owner or operator to stop managing leachate if the owner or operator demonstrates that leachate no longer poses a threat to human health and the environment;

c. Monitoring the groundwater in accordance with the requirements of 567—101.110(455B) and maintaining the groundwater monitoring system; and

d. Maintaining and operating the gas monitoring system in accordance with the requirements of 567—101.109(455B).

101.113(2) The length of the post-closure care period may be:

a. Decreased by the department if the owner or operator demonstrates that the reduced period is sufficient to protect human health and the environment and this demonstration is approved by the department; or

b. Increased if the department determines that the lengthened period is necessary to protect human health and the environment.

101.113(3) The owner or operator of all MSWLF units must prepare a written post-closure plan that includes, at a minimum, the following information:

a. A description of the monitoring and maintenance activities required in 101.113(1) for each MSWLF unit and the frequency at which these activities will be performed;

b. Name, address, email, and telephone number of the person or office to contact about the facility during the post-closure period; and

c. A description of the planned uses of the property during the post-closure period. Post-closure use of the property shall not disturb the integrity of the final cover, liner(s), or any other components of the containment system or the function of the monitoring systems unless necessary to comply with the requirements in this division. The department may approve any other disturbance if the owner or operator demonstrates that disturbance of the final cover, liner, or other component of the containment system, including any removal of waste, will not increase the potential threat to human health or the environment.

101.113(4) The owner or operator must notify the department that a post-closure plan has been prepared and placed in the operating record by the date of initial receipt of waste.

101.113(5) Following completion of the post-closure care period for each MSWLF unit, the owner or operator must submit to the department a certification, signed by an independent Iowa-licensed professional engineer, verifying that post-closure care has been completed in accordance with the post-closure plan. Upon department approval, the certification shall be placed in the operating record.

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