

567—102.14(455B) Emergency response and remedial action plans.

102.14(1) Purpose. The purpose of this rule is to implement Iowa Code section 455B.306(6) “d” by providing the criteria for developing a detailed emergency response and remedial action plan (ERRAP) for permitted sanitary disposal projects.

102.14(2) Applicability. The requirements of this rule apply to the owners or operators of all sanitary disposal projects that are permitted under 567—102.2(455B). Permitted project types include: municipal and industrial waste landfills; construction and demolition waste landfills; coal combustion residue landfills; waste storage facilities; waste processing facilities; recycling and material recovery facilities; transfer stations; composting facilities; incinerator facilities; regional collection centers; land application facilities; and any facility deemed necessary to have a project permit under sanitary disposal project definition. Centralized regional collection center ERRAP documents shall specifically address the ERRAP requirements for each of the regional collection center’s satellite facilities. This rule is not applicable to waste tire management facilities.

102.14(3) Submittal requirements.

a. The owner or operator of facilities that are subject to this rule and have been permitted prior to October 24, 2001, shall submit a complete detailed ERRAP that meets the requirements set forth in this rule no later than December 31, 2001.

b. Applications for a new permit after October 24, 2001, shall incorporate a complete detailed ERRAP that meets the requirements set forth in this rule.

c. An updated ERRAP that meets the requirements of this rule shall be submitted at the time of each permit renewal or permit reissuance application that is due after December 31, 2001.

d. An updated ERRAP shall be included with any request for permit modification to incorporate a facility expansion or significant changes in facility operation that require modification of the currently approved ERRAP.

e. Facilities that submitted an ERRAP meeting the requirements defined under Iowa Code section 455B.306(6) “d” by May 1, 2001, including regional collection centers that, prior to this date, have met the contingency plan submittal requirement described in 567—Chapter 211, and were approved by the department prior to October 24, 2001, are not required to submit an updated ERRAP that meets the requirements of this rule until the next permit renewal application due date after December 31, 2001.

f. Three sets of ERRAP documents shall be submitted for department approval.

102.14(4) Content. The content of ERRAP documents shall be concise and readily usable as a reference manual by facility managers and operators during emergency conditions. The ERRAP document content shall address at least the following primary issues in detail, unless project conditions render the specific issue as not applicable. The rationale for exclusion of any issue areas that are determined not to be applicable must be provided in either the body of the plan or as a supplement to facilitate department review. Additional emergency response and remedial action plan requirements unique to the facility shall be addressed, as applicable.

a. *Facility information.*

- (1) Permitted agency.
- (2) DNR permit number.
- (3) Facility description.
- (4) Responsible official and contact information.
- (5) Project location.
- (6) Site and environs map.

b. *Regulatory requirements.*

- (1) Iowa Code section 455B.306(6) “d” criteria citation.
- (2) Reference to provisions of the permit.

c. *Emergency conditions—response activities—remedial action.*

- (1) Failure of utilities.
 1. Short-term (48 hours or less).
 2. Long-term (over 48 hours).
- (2) Weather-related events.

1. Tornado.
2. Windstorms.
3. Intense rainstorms and erosion.
4. Lightning strikes.
5. Flooding.
6. Event and postevent conditions.
- (3) Fire and explosions.
 1. Waste materials.
 2. Buildings and site.
 3. Equipment.
 4. Fuels.
 5. Utilities.
 6. Facilities.
 7. Working area.
 8. Hot loads.
 9. Waste gases.
 10. Evacuation.
- (4) Regulated waste spills and releases.
 1. Waste materials.
 2. Leachate.
 3. Waste gases.
 4. Waste stockpiles and storage facilities.
 5. Waste transport systems.
 6. Litter and airborne particulates.
 7. Site drainage systems.
 8. Off-site releases.
- (5) Hazardous material spills and releases.
 1. Load check control points.
 2. Mixed waste deliveries.
 3. Fuels.
 4. Waste gases.
 5. Site drainage systems.
 6. Off-site releases.
- (6) Mass movement of land and waste.
 1. Earthquakes.
 2. Slope failure.
 3. Waste shifts.
 4. Waste subsidence.
- (7) Emergency and release notifications and reporting.
 1. Federal agencies.
 2. State agencies.
 3. County and city agencies.
 4. News media.
 5. Public and private facilities with special populations within five miles.
 6. Emergency response agencies and contact information.
 7. Reporting requirements and forms.
- (8) Emergency waste management procedures.
 1. Communications.
 2. Temporary discontinuation of services—short- and long-term.
 3. Facilities access and rerouting.
 4. Waste acceptance.
 5. Wastes in process.

- (9) Primary emergency equipment inventory.
 - 1. Major equipment.
 - 2. Fire hydrants and water sources.
 - 3. Off-site equipment resources.
- (10) Emergency aid.
 - 1. Responder contacts.
 - 2. Medical services.
 - 3. Contracts and agreements.
- (11) ERRAP training requirements.
 - 1. Training providers.
 - 2. Employee orientation.
 - 3. Annual training updates.
 - 4. Training completion and record keeping.
- (12) Reference tables, figures and maps.