

- Facility. (d) The director may, on a site specific basis, waive the requirement of monitoring explosive gases at a Class II landfill if the waiver may be granted after:
- (i) considering the characteristics of the landfill and the waste stream accepted;
 - (ii) taking into account climatic and hydrogeologic conditions of the site; and

- (iii) completing a public comment period as specified by Section R315-311-3.
- (iv) The director may revoke any waiver from the requirement of monitoring explosive gases if the lack of monitoring explosive gases at the landfill presents a threat to human health or the environment.
- (v) The requirement to monitor explosive gases inside buildings at a landfill may not be waived.
- (e) A landfill that accepts no municipal waste, or other waste with potential to generate methane during decomposition, is exempt from the gas monitoring requirement of Subsection R315-303-3(6)(a).
- (7) Design Drawings.
 - (a) Design drawings and as built drawings of any engineered structure, including landfill cell liners, leachate collection systems, runoff or runoff control systems, final covers, ground water monitoring systems, and gas collection systems, shall be signed and sealed by a professional engineer registered in Utah.
 - (b) As built drawings shall be submitted to the director on or before 90 days following the completion of the engineered structures associated with the facility.
- (8) Other Requirements. An owner or operator shall design each solid waste management facility to provide for:
 - (a) fencing at the property or unit boundary or the use of other artificial or natural barriers to impede entry by the public and large animals. A lockable gate shall be required at the entry to the facility;
 - (b) monitoring ground water according to Rule R315-308 using a design approved by the director. The director may also require monitoring of:
 - (i) surface waters, including runoff;
 - (ii) leachate; and
 - (iii) subsurface landfill gas movement and ambient air;
 - (c) weighing or estimating the tonnage of the incoming waste and recording the tonnage in the facility's operation record;
 - (d) erecting a sign at the facility entrance that identifies at least the name of the facility, the hours that the facility is open for public use, unacceptable materials, and an emergency telephone number. Other pertinent information may also be included;
 - (e) adequate fire protection to control any fires that may occur at the facility. This may be accomplished by on site equipment or by arrangement made with the nearest fire department;
 - (f) preventing potential harborage in buildings, facilities, and active areas of rat and other vectors, such as insects, birds, and burrowing animals;
 - (g) minimizing the size of the unloading area and working face as much as possible, consistent with good traffic patterns and safe operation;
 - (h) approach and exit roads of all-weather construction, with traffic separation and traffic control on site and at the site entrance; and
 - (i) communication, such as telephone or radio, between employees working at the facility and management offices on site and off-site to handle emergencies.

R315-303-4. Standards for Maintenance and Operation.

- (1) Plan of Operation. An owner or operator of a landfill shall maintain and operate the facility to conform to the approved plan of operation.
- (2) Operating Details. An owner or operator of a landfill shall operate the facility to:
 - (a) control fugitive dust generated from roads, construction, general operations, and covering the waste;
 - (b) allow no open burning;
 - (c) collect scattered litter as necessary to avoid a fire hazard or an aesthetic nuisance;
 - (d) prohibit scavenging;
 - (e) conduct reclamation of facility property in an orderly sanitary manner and in a way that does not interfere with the disposal site operation;
 - (f) ensure that facility personnel, trained in facility operations, are on site when the site is open to the public:
 - (i) at least one person on site for landfills that receive, on an average annual basis, less than 15,000 tons per year; and
 - (ii) at least two persons on site, with one person at the active landfill cell face, for each landfill that receives, on an average annual basis, more than 15,000 tons per year;
 - (g) control insects, rodents, and other vectors;
 - (h) ensure that waste containers and storage tanks are functional by:
 - (i) using containers or tanks that are not deteriorating and are free of cracks, rust, leaks, or other conditions that may compromise the integrity of the containers or tanks;