**R315. Environmental Quality, Waste Management and Radiation Control, Waste Management.**

**R315-304. Industrial Solid Waste Landfill Requirements.**

**R315-304-1. Applicability.**

(1) The requirements of Rule R315-304 apply to each Class III Landfill as specified.

(2) The requirements of Rule R315-304 do not apply to the following materials managed at an industrial facility:

(a) fly ash waste, bottom ash waste, slag waste, or flue gas emission control dust generated primarily from the combustion of coal or other fossil fuels;

(b) wastes from the extraction, beneficiation, and processing of ores and minerals;

(c) electric arc furnace slag, open hearth furnace slag, and other slags generated during carbon steel production; and

(d) cement kiln dust.

**R315-304-2. Industrial Landfill Standards for Performance.**

Each Class III Landfill shall meet the landfill standards for performance as specified in Section R315-303-2.

**R315-304-3. Definitions.**

Terms used in Rule R315-304 are defined in Section R315-301-2. In addition the following definitions apply to Rule R315-304.

(1) "Class IIIa Landfill" means a landfill as defined by Subsection R315-301-2(9) that may accept:

(a) any nonhazardous industrial waste;

(b) waste that is exempt from hazardous waste rules under Section R315-261-4; or

(c) very small quantity generator hazardous waste as defined by Section R315-260-10.

(2) "Class IIIb Landfill" means a landfill as defined by Subsection R315-301-2(9) that:

(a) may only accept the following, unless otherwise approved by the director;

(i) solid waste that is exempt from hazardous waste rules under Subsections R315-261-4(b)(4), R315-261-4(b)(5), and R315-261-4(b)(7); or

(ii) nonhazardous industrial solid waste not listed in Subsection R315-261-4(b); and

(b) may not accept very small quantity generator hazardous waste as defined by Section R315-260-10.

**R315-304-4. Industrial Landfill Location Standards.**

(1) Class IIIa Landfills.

(a) A new Class IIIa Landfill shall meet the location standards of Subsection R315-302-1(2).

(b) A new Class IIIa Landfill that is proposed on the site of generation of the industrial solid waste or a lateral expansion of an existing Class IIIa Landfill, shall meet the location standards of Subsections R315-302-1(2)(b), R315-302-1(2)(c), R315-302-1(2)(d), and R315-302-1(2)(e) with respect to geology, surface water, wetlands, and groundwater.

(c) An existing Class IIIa Landfill may not be subject to the location standards of Subsection R315-302-1(2).

(d) An exemption from any location standard of Subsection R315-302-1(2), except the standards for floodplains and wetlands, may be granted by the director on a site specific basis if it is determined that the exemption will cause no adverse impacts to human health or the environment.

(i) No exemption may be granted without application to the director.

(ii) If an exemption is granted, the landfill may be required to have more stringent design, construction, monitoring program, or operational practice to protect human health or the environment.

(2) Class IIIb Landfills.

(a) A new Class IIIb Landfill or a lateral expansion of an existing Class IIIb Landfill shall be subject to the following location standards:

(i) the standards with respect to floodplains as specified in Subsection R315-302-1(2)(c)(ii);

(ii) the standards with respect to wetlands as specified in Subsection R315-302-1(2)(d);

(iii) the standards with respect to groundwater as specified in Subsection R315-302-1(2)(e)(i)(B); and

(iv) the requirements of Subsection R315-302-1(2)(f).

(b) For a lateral expansion of an existing Class IIIb Landfill, an exemption from any location standard of Subsection R315-304-4(2)(a) may be granted by the director on a site specific basis if it is determined that the exemption will cause no adverse impacts to human health or the environment.

(i) No exemption may be granted without application to the director.

(ii) If an exemption is granted, the landfill may be required to have more stringent design, construction, monitoring, or operation than the minimum described in Rule R315-304 to protect human health or the environment.

(c) An existing Class IIIb Landfill may not be subject to the location standards of Subsection R315-304-4(2)(a).

**R315-304-5. Industrial Landfill Requirements.**

(1) Each Class III Landfill shall meet the following applicable requirements, as determined by the director:

(a) the plan of operation requirements of Subsections R315-302-2(2)(a), R315-302-2(2)(b), R315-302-2(2)(c), R315-302-2(2)(d), R315-302-2(2)(g), R315-302-2(2)(i), R315-302-2(2)(j), R315-302-2(2)(k), R315-302-2(2)(l), R315-302-2(2)(m), R315-302-2(2)(n), and R315-302-2(2)(o);

(b) the recordkeeping requirements of Subsections R315-302-2(3)(a), R315-302-2(3)(b)(i), R315-302-2(3)(b)(iii), R315-302-2(3)(b)(iv), and R315-302-2(3)(b)(vi);

(c) the reporting requirements of Subsection R315-302-2(4); and

(d) the inspection requirements of Subsection R315-302-2(5).

(2) Each Class III Landfill shall meet the applicable general requirements for closure and post-closure care found in Subsections R315-302-2(6), R315-302-3(2), R315-302-3(3), R315-302-3(4)(a) and R315-302-3(4)(b), R315-302-3(5), R315-302-3(6)(a)(iv) through R315-302-3(6)(a)(vi), R315-302-3(6)(b) and R315-302-3(6)(c), and R315-302-3(7)(a) as determined by the director.

(a) Each Class IIIa Landfill shall meet the closure requirements of Subsection R315-303-3(5).

(b) Each Class IIIb Landfill shall meet the closure requirements of Subsection R315-305-5(5)(b).

(c) If a Class III Landfill is already subject to the closure and post-closure requirements of another federal or state agency that are as stringent as specified in Subsection R315-304-5(2)(a) or R315-304-5(2)(b), the landfill may be exempt, upon approval of the director, from the closure requirements of Subsection R315-304-5(2)(a) or R315-304-5(2)(b).

(3) Standards for Design.

(a) The owner or operator of a Class III Landfill shall design the landfill to minimize the acceptance of liquids and control storm water run or onrunoff as specified in Subsections R315-303-3(1)(b), R315-303-3(1)(c), and R315-303-3(1)(d).

(b) The owner or operator of a Class III Landfill shall design the landfill to meet the requirements of Subsections R315-303-3(8)(a), R315-303-3(8)(c), R315-303-3(8)(e), R315-303-3(8)(f), R315-303-3(8)(g), R315-303-3(8)(h), and R315-303-3(8)(i) as determined by the director.

(4) Ground Water Monitoring.

(a) The owner or operator of a Class IIIa Landfill shall monitor the ground water beneath the landfill as specified in Rule R315-308.

(b) Subject to the performance standard of Subsection R315-303-2(1), if the owner or operator of a Class IIIa Landfill is monitoring the ground water beneath the landfill and otherwise meeting the requirements of a discharge permit as issued by the Utah Division of Water Quality, the landfill may be exempt, upon approval of the director, from the ground water monitoring requirements of Rule R315-308.

(c) A Class IIIb Landfill is exempt from the ground water monitoring requirements of Rule R315-308.

(5) Standards for Operation.

(a) Each Class IIIa Landfill shall meet the standards of Section R315-303-4 except:

(i) for the requirements of Subsections R315-303-4(2)(f) and R315-303-4(6); and

(ii) may be exempt from the daily cover requirements of Subsection R315-303-4(4) upon the demonstration that an alternate schedule for the covering of waste at the landfill will not present a threat to human health or the environment.

(b) Each Class IIIb Landfill shall meet the requirements for operation in Subsections R315-305-4(7) and R315-305-5(2) through R315-305-5(4) as determined by the director.

(6) Financial Assurance.

(a) The owner or operator of each Class III Landfill shall establish financial assurance as required by Rule R315-309.

(b) If the owner or operator of a Class III Landfill has financial assurance, in effect and active, that covers the costs of closure and post-closure care of the landfill as required by another federal or state agency that is as stringent as the requirements of Rule R315-309, the landfill may be exempt, upon approval of the director, from the financial assurance requirements of Rule R315-309.

(7) Permit Requirements.

Each Class III Landfill shall apply for and get a permit to operate by meeting the applicable requirements of Rule R315-310.

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