

دیتاشیت حوضچه های ثانویه

CRITERIA		CLASSIFICATION				
		Asbestos disposal cell	Small	Medium	Large	Restricted (including treated low level contaminated waste or LLCW)
Intended use or service area		A disposal cell intended for regional or single project disposal sites for asbestos wastes	Very small landfills in remote, low rainfall areas servicing local community only where there is a low risk to groundwater	Landfills servicing local community only	Regional landfills accepting municipal, commercial and industrial wastes	Regional or special purpose landfills accepting treated high level contaminated waste
	Size					
	Filling rate	– ²	<5,000 tpa	<20,000 tpa	–	–
	Average Depth	<10 m	<10 m	<30 m	–	–
Location	Geology	Geotechnically suitable	<ul style="list-style-type: none"> Geotechnically suitable Founded in natural low permeability clay soils 	Geotechnically suitable	Geotechnically suitable	Geotechnically suitable
	Groundwater separation ³	>2 m groundwater separation	>2 m groundwater separation	>2 m groundwater separation	>2 m groundwater separation	>2 m groundwater separation

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	Groundwater total dissolved solids ⁴	>3,000 mg/L total dissolved solids	>13,000 mg/L total dissolved solids	>13,000 mg/L total dissolved solids	>3,000 mg/L total dissolved solids	>13,000 mg/L total dissolved solids
	Groundwater beneficial use ⁵	No extraction or beneficial use of groundwater	No extraction or beneficial use of groundwater	No extraction or beneficial use of groundwater	Groundwater extraction or beneficial use of groundwater	No extraction or beneficial use of groundwater
Waste acceptance restriction (to be effected by conditions of licence)	Inclusions	Asbestos	<ul style="list-style-type: none"> • Municipal solid waste⁶ • Construction and demolition waste 	<ul style="list-style-type: none"> • Municipal solid waste • Construction and demolition waste • Commercial and industrial waste 	<ul style="list-style-type: none"> • Municipal solid waste • Construction and demolition waste • Commercial and industrial waste • Contaminated soils⁷ that meet LLCW criteria without immobilisation 	<ul style="list-style-type: none"> • Waste that has been immobilised to meet LLCW • Waste that meet LLCW criteria • Co-disposal of other wastes as permitted by licence

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		Asbestos disposal cell	Small	Medium	Large	Restricted (including treated low level contaminated waste or LLCW)
	Exclusion	All other waste including municipal solid waste, construction and demolition waste, commercial and industrial waste, listed waste	All other waste including commercial and industrial, listed waste	All other waste that exceeds Intermediate criteria	All other waste that exceeds Intermediate criteria	All other waste that exceeds LLCW criteria Restrictions on co-disposal of other wastes by license
Containment system ⁸	Liner type	Reworked in-situ soils	Reworked in-situ soils	1x10 ⁻⁹ CCL	Composite	Double composite
	Liner profile ⁹	Site soils reworked and compacted (300 mm)	Site soils reworked and compacted (300 mm)	<ul style="list-style-type: none"> • Separation geotextile • 300 mm drainage • 600 mm CCL¹⁰ 	<ul style="list-style-type: none"> • Separation geotextile • 300 mm drainage • Geomembrane • 1 metre CCL (1x10⁻⁹) 	<ul style="list-style-type: none"> • Separation geotextile • 300 mm drainage • Geomembrane • 600 mm CCL (1x10⁻⁹) • Drainage • Geomembrane • 600 mm CCL (1x10⁻⁹) • Low permeability attenuation layer (1x10⁻⁷)