

Criteria Risk Summary

Criteria	Risk	Description of Risk
Current / Planned Land Use	LOW	no designated use / appropriately zoned
	MED	community / natural habitat
	HIGH	community / protected habitat / other
Usable Area	LOW	>2 ha
	MED	0.5 - 2 ha
	HIGH	<0.5 ha
Adjacent Land Use	LOW	isolated, non or rural residential
	MED	suburban residential, airport
	HIGH	suburban residential, community, significant natural land
Landfill Topography	LOW	flat = <5% slopes
	MED	sloped = 5% - 10% slopes (may need some levelling / regrading)
	HIGH	steep = >10% slopes (cannot install)
Vegetation and Shading	LOW	clear, minimal tall vegetation
	MED	some tall vegetation / buildings
	HIGH	completely forested
Unauthorized Access / Vandalism	LOW	none observed, no impacts
	MED	some observed, some impacts
	HIGH	frequently observed, damage
Connection Type	LOW	3-phase power capacity nearby, capacity may be available
	MED	1-phase power capacity nearby, capacity may be available with a complete electrical upgrade
	HIGH	no visible power nearby
Connection Capacity Availability	LOW	capacity available
	MED	some capacity available
	HIGH	no capacity available
Existing Infrastructure	LOW	none
	MED	some, can be accommodated / altered
	HIGH	much, cannot be accommodated / altered
Landfill Cap Condition	LOW	not on landfill / no concerns
	MED	regrade / relocate waste
	HIGH	repair cap / potential for damage

Criteria	Risk	Description of Risk
Geotechnical Considerations	LOW	suitable cap and subsurface material and thickness
	MED	limiting cap and/or subsurface material (e.g. thin cap, visible erosion, thin vegetative cover, etc.) / alterations required
	HIGH	unsuitable cap and/or subsurface material and/or thickness
Storm Water Management (SWM)	LOW	SWM available / not an issue
	MED	SWM to be assessed / designed / improved
	HIGH	SWM difficult / unsustainable
Leachate Outbreaks	LOW	none observed / reported
	MED	some observed / reported
	HIGH	frequently observed / reported
Environmental Receptors	LOW	no receptors within 50 m
	MED	receptors within 50 m, alteration / permit required
	HIGH	receptors on-site, alteration / permit not possible
Species at Risk (SAR)	LOW	no known SAR in NHIC database within 1 km and/or based on air photo interpretation
	MED	known SAR in NHIC database within 1 km or based on air photo interpretation, alteration / permit required
	HIGH	known SAR in NHIC database on-site or based on air photo interpretation, alteration / permit not possible