

 FQM AUSTRALIA NICKEL	Ravensthorpe Nickel Project	Document Owner: FQM Australia Nickel
		Approved By: XXXXXXXXXX

**Licence L8008 Amendment:
Attachment 6B – Waste acceptance**

Ravensthorpe Nickel Project

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Summary of waste types, acceptance and controls associated with this amendment application

Waste type	Volume and frequency	Proposed controls	Location
Clean fill and uncontaminated fill Putrescible wastes (including food and packaging waste) Inert waste type 1 Inert waste type 2 (including scrap tyres, plastics and rubber materials from mine and process waste).	Combined maximum of up to 2,500 tonnes per annual period	Waste will be disposed of into trenches with dimensions of 10m wide, up to 50m long and up to 5m deep. Landfill disposal trenches will be located where separation from groundwater is >4m. Waste trenches will be located a minimum of 10m from external rehabilitation final landform surfaces Earthen bunds around waste trenches to prevent surface water ingress to waste disposal area. Tyres and rubber materials are to be disposed of within dedicated trenches separate from general and putrescible waste. No more than 100 tyres or rubber equivalent is to be left uncovered within a landfill trench. Waste disposed of will be covered progressively at a minimum rate of weekly during operations and fortnightly during care and maintenance. Compaction of final waste trenches with a minimum of 1m of cover material. Regular inspections of landfill area. Final waste trenches rehabilitated in accordance with the approved mine closure plan. Landfill operation will align with the Environmental Protection (Rural Landfill) Regulations 2002.	Refer to figures in attachment 2
Other process mineral waste streams including: <ul style="list-style-type: none"> • evaporation pond salt • sulfur filter residue • magnesium oxide, and • washdown facility silt. 	Ongoing annual limits: <ul style="list-style-type: none"> • evaporation pond salt (up to 500,000 tpa), • sulfur filter residue (up to 1,000 tpa), • magnesium oxide (up to 500 tpa), and • washdown facility silt (up to 300 tpa). 	Mineral wastes will be disposed of within TSF1 and TSF2 only. Mineral wastes will be disposed of by load and haul operations. Mineral waste disposed of will not exceed the minimum operating freeboard of TSF1 and or TSF2. Wastes will be disposed of progressively as required by the Project and be within the annual limits imposed by the licence. TSF1 and TSF2 will be rehabilitated in accordance with the approved Mine Closure Plan.	Refer to figures in attachment 2