

PRCP schedule

Environmental Protection Act 1994

PRCP schedule PRCP_P-EA-100119386_V1

This is the approved form for a PRCP schedule issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

PRCP schedule PRCP_P-EA-100119386_V1

PRCP schedule holder(s)

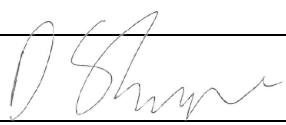
Name(s)	Registered address
Multicom Resources Ltd ACN: 605 352 690	Level 8, 46 Edward Street, Brisbane, QLD 4000

Location details

Location(s)
MLA100162, MLA100244, MLA100245, MLA100246

Take effect

In accordance with section 202B of the *Environmental Protection Act 1994* (EP Act), the PRCP schedule has effect on the day the environmental authority for carrying out relevant activities on land to which the schedule relates takes effect. Pursuant to section 202C of the EP Act, a PRCP schedule continues in force until the environmental authority for the relevant activities to which the PRCP schedule relates is cancelled or surrendered, even if the resource tenure expires or is cancelled and even if the relevant environmental authority is suspended under Chapter 5, part 11 or 11A of the EP Act.



Signature

26/8/21

Date

Dean Sharpe
Delegate of the administering authority
Department of Environment and Science
Environmental Protection Act 1994

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Obligations under the *Environmental Protection Act 1994*

Pursuant to section 202E of the EP Act, if there is an inconsistency between an environmental authority and a PRCP schedule, the environmental authority prevails to the extent of the inconsistency.

Pursuant to section 285 of the EP Act:

- the holder of a PRCP schedule must commission an audit of the schedule by a rehabilitation auditor for the following periods (each an audit period) —
 - (a) the 3-year period starting on the day the schedule takes effect
 - (b) each 3-year period starting on the day after the previous audit period ended.
- the holder must, within 4 months after the end of each audit period, give the administering authority -
 - (a) the rehabilitation auditor's report (an audit report) about the audit that complies with section 286 of the EP Act, and
 - (b) a declaration for the audit report that complies with section 285 of the EP Act.

In addition to the requirements found in the conditions of this PRCP schedule, the holder must also meet their obligations under the environmental authority, the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the EP Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443).

PRCP schedule

The PRCP schedule incorporates the following sections:

- Section A - Conditions of PRCP schedule
- Section B - Final site design and reference maps
- Section C - Post mining land uses

Section A - Conditions of PRCP schedule

Pursuant to section 206A of the EP Act:

- it is a condition of this PRCP schedule that, in carrying out a relevant activity under the schedule, the holder must comply with a requirement stated in the environmental authority relevant to carrying out the activity.
- it is a condition of this PRCP schedule that the holder must comply with the following matters stated in the schedule -
 - (a) each rehabilitation milestone and management milestone
 - (b) when each rehabilitation milestone and management milestone is to be achieved

General conditions

PRCP1 The holder must comply with each milestone criterion stated in the schedule.

PRCP2 Where a milestone criterion requires any of the following, the holder must keep records of the actions taken to comply with the criterion as well as the results and provide a copy of this information to the Administering Authority on request -

- (i) certifications or assessments to be undertaken
- (ii) monitoring or maintenance to be carried out
- (iii) final design plans and/or specifications to be developed
- (iv) reports such as contaminated land investigations, rehabilitation reports (including monitoring records), validation reports, Quality Assurance/Quality Control reports.

PRCP3 Where land becomes available for rehabilitation earlier than the nominated 'Date area is available', progressive rehabilitation for that land must commence as soon as practicable. Progressive rehabilitation commenced early under this condition must be carried out in accordance with the milestones and criteria in this schedule, except that each of the dates by which milestones are to be completed is brought forward by the same amount of time as the commencement was brought forward.

END OF CONDITIONS

Section B - Final site design and reference maps

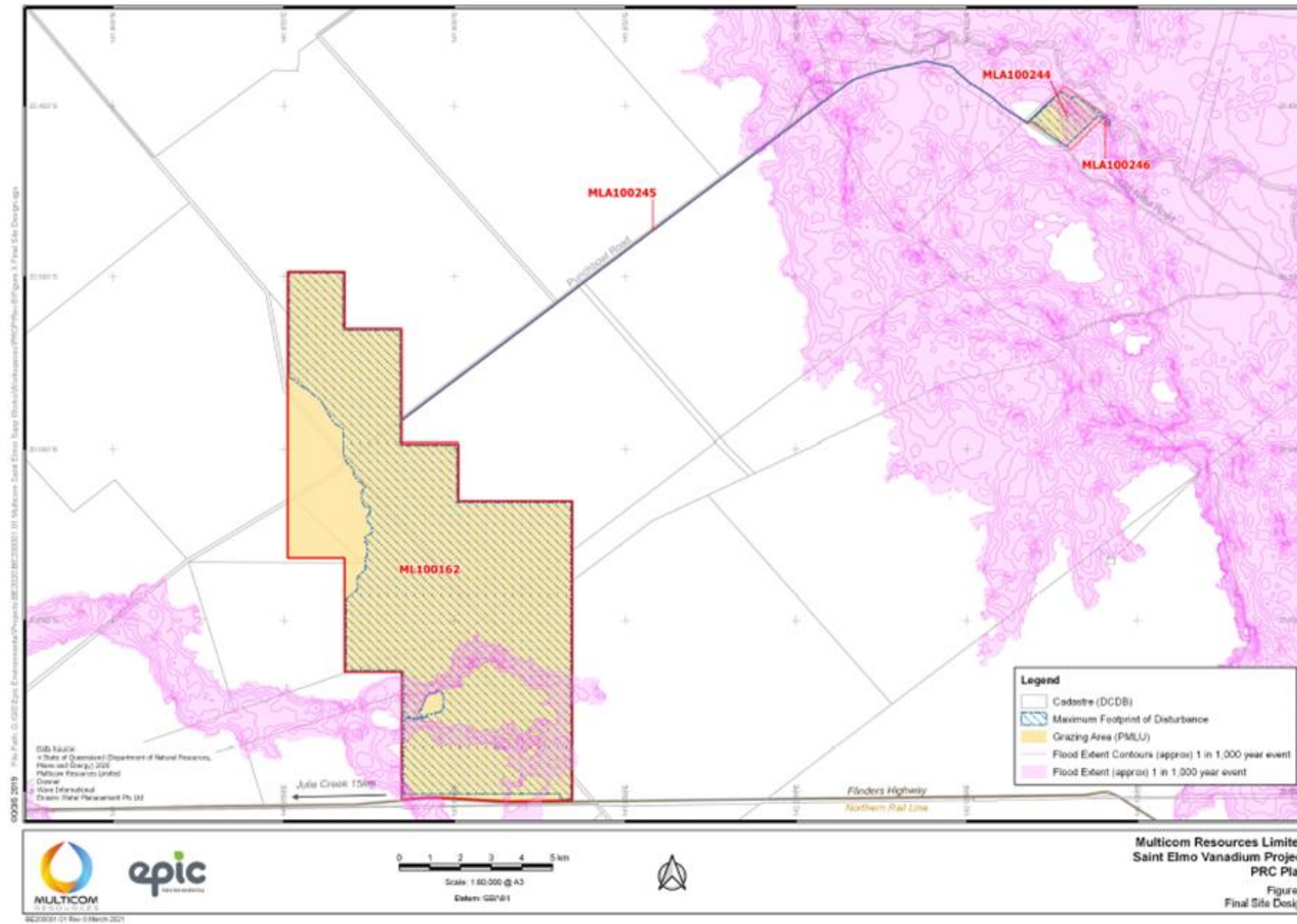


Figure 1 – Final Site Design

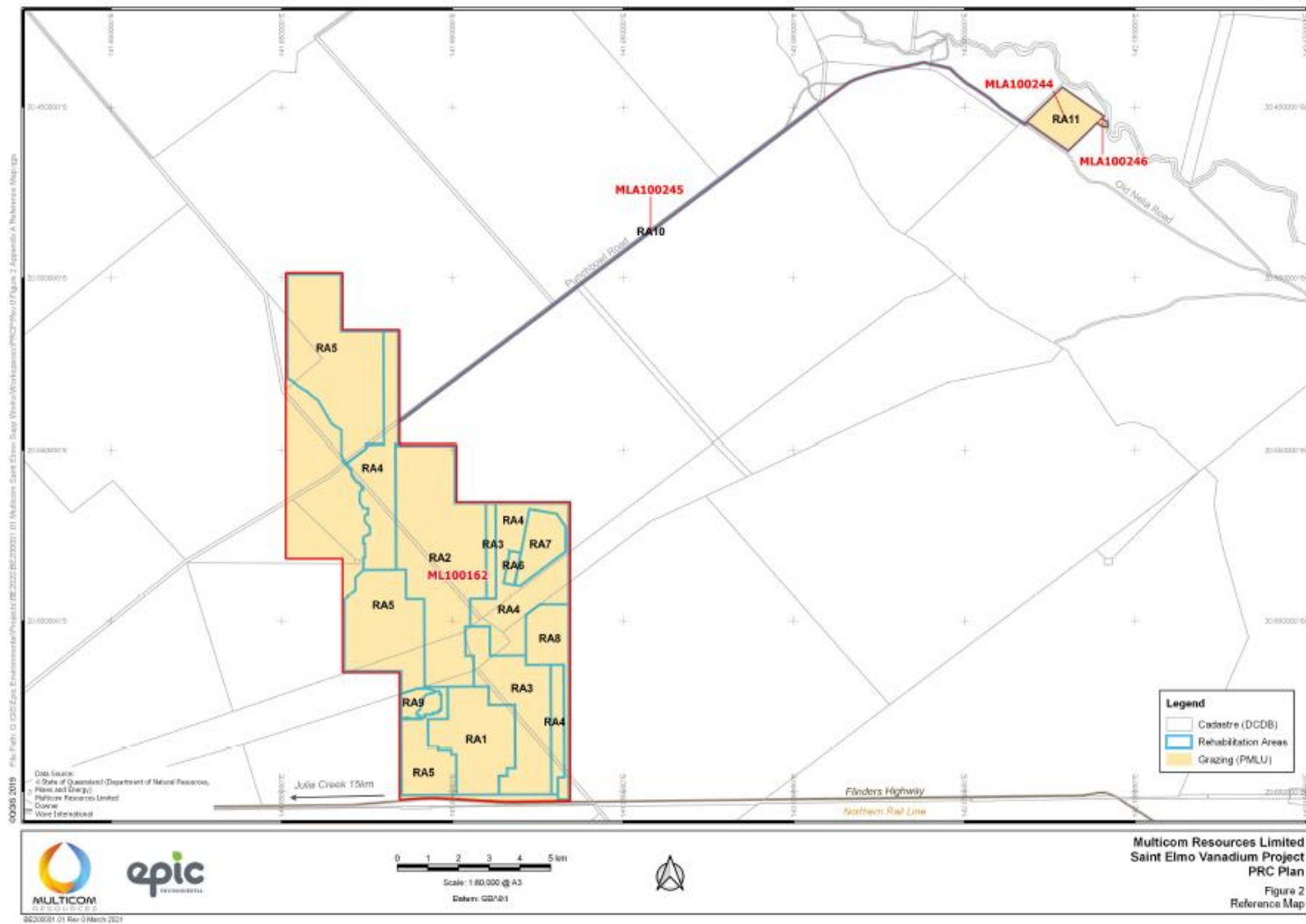


Figure 2 – Reference Map

Section C – Post mining land uses

(RA1) Rehabilitation area 1

Post-mining land uses (PMLU)											
Rehabilitation area				RA1							
Relevant activities				Mine voids (years 1-5) and Out-of-pit dumps							
Total rehabilitation area size (ha)				656.25							
Commencement of first milestone: RM2				10/12/2024							
PMLU				Grazing							
Date area is available	10/12/24	10/12/25	10/12/26	10/12/27	10/12/28	10/12/29	10/12/30	10/12/31	10/12/32	10/12/33	10/12/34
Cumulative area available (ha)	131.25	262.5	393.75	525	656.25						
Milestone completed by	10/12/25	10/12/26	10/12/27	10/12/28	10/12/29	10/12/30	10/12/31	10/12/32	10/12/33	10/12/34	10/12/35
Milestone Reference	Cumulative area achieved (ha)										
RM2	131.25	262.5	393.75	525	656.25						
RM10	131.25	262.5	393.75	525	656.25						
RM12	109.38	218.76	328.14	437.52	546.87	656.25					
RM13			72.92	145.84	218.76	291.68	364.6	437.52	510.44	583.36	656.25
RM14							131.25	262.5	393.75	525	656.25

(RA2) Rehabilitation area 2

Post-mining land uses (PMLU)											
Rehabilitation area				RA2							
Relevant activities				Mine voids (years 6-10) and Out-of-pit dumps							
Total rehabilitation area size (ha)				1,551.35							
Commencement of first milestone: RM2				10/12/2028							
PMLU				Grazing							
Date area is available	10/12/28	10/12/29	10/12/30	10/12/31	10/12/32	10/12/33	10/12/34	10/12/35	10/12/36	10/12/37	10/12/38
Cumulative area available (ha)	310.27	620.54	930.81	1,241.08	1,551.35						
Milestone completed by	10/12/29	10/12/30	10/12/31	10/12/32	10/12/33	10/12/34	10/12/35	10/12/36	10/12/37	10/12/38	10/12/39
Milestone Reference	Cumulative area achieved (ha)										
RM2	310.27	620.54	930.81	1,241.08	1,551.35						
RM10	310.27	620.54	930.81	1,241.08	1551.35						
RM12	258.56	517.12	775.68	1,034.24	1,292.8	1,551.35					
RM13			172.37	344.74	517.11	689.48	861.85	1,034.22	1,206.59	1,378.96	1,551.35
RM14							310.27	620.54	930.81	1,241.08	1,551.35

(RA3) Rehabilitation area 3

Post-mining land uses (PMLU)

Post-mining land uses (PMLU)											
Rehabilitation area				RA3							
Relevant activities				Mine voids (years 11-15) and Out-of-pit dumps							
Total rehabilitation area size (ha)				845.4							
Commencement of first milestone: RM2				10/12/2033							
PMLU				Grazing							
Date area is available	10/12/33	10/12/34	10/12/35	10/12/36	10/12/37	10/12/38	10/12/39	10/12/40	10/12/41	10/12/42	10/12/43
Cumulative area available (ha)	169.08	338.16	507.24	676.32	845.4						
Milestone completed by	10/12/34	10/12/35	10/12/36	10/12/37	10/12/38	10/12/39	10/12/40	10/12/41	10/12/42	10/12/43	10/12/44
Milestone Reference	Cumulative area achieved (ha)										
RM2	169.08	338.16	507.24	676.32	845.4						
RM10	169.08	338.16	507.24	676.32	845.4						
RM12	140.9	281.8	422.7	563.6	704.5	845.4					
RM13			93.93	187.86	281.79	375.72	469.65	563.58	657.51	751.44	845.4
RM14							169.08	338.16	507.24	676.32	845.4

(RA4) Rehabilitation area 4

Post-mining land uses (PMLU)											
Rehabilitation area				RA4							
Relevant activities				Mine voids (years 16-20) and Out-of-pit dumps							
Total rehabilitation area size (ha)				1,439.91							
Commencement of first milestone: RM2				10/12/2038							
PMLU				Grazing							
Date area is available	10/12/38	10/12/39	10/12/40	10/12/41	10/12/42	10/12/43	10/12/44	10/12/45	10/12/46	10/12/47	10/12/48
Cumulative area available (ha)	287.98	575.96	863.94	1,151.92	1,439.91						
Milestone completed by	10/12/39	10/12/40	10/12/41	10/12/42	10/12/43	10/12/44	10/12/45	10/12/46	10/12/47	10/12/48	10/12/49
Milestone Reference	Cumulative area achieved (ha)										
RM2	287.98	575.96	863.94	1,151.92	1,439.91						
RM10	287.98	575.96	863.94	1,151.92	1,439.91						
RM12	239.99	479.98	719.97	959.96	1,199.95	1,439.91					
RM13			159.99	319.98	479.97	639.96	799.95	959.94	1,119.93	1,279.92	1,439.91
RM14							287.98	575.96	863.94	1,151.92	1,439.91

(RA5) Rehabilitation area 5

Post-mining land uses (PMLU)											
Rehabilitation area				RA5							
Relevant activities				Mine voids (years 21-25) and Out-of-pit dumps							
Total rehabilitation area size (ha)				2,305.59							
Commencement of first milestone: RM2				10/12/2043							
PMLU				Grazing							
Date area is available	10/12/43	10/12/44	10/12/45	10/12/46	10/12/47	10/12/48	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53
Cumulative area available (ha)	461.12	922.24	1,383.36	1,844.48	2,305.59						
Milestone completed by	10/12/44	10/12/45	10/12/46	10/12/47	10/12/48	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53	10/12/54
Milestone Reference	Cumulative area achieved (ha)										
RM2	461.12	922.24	1,383.36	1,844.48	2,305.59						
RM10	461.12	922.24	1,383.36	1,844.48	2,305.59						
RM12	384.27	768.54	1,152.81	1,537.08	1,921.35	2,305.59					
RM13			256.18	512.36	768.54	1,024.72	1,280.9	1,537.08	1,793.26	2,049.44	2,305.59
RM14							461.12	922.24	1,383.36	1,844.48	2,305.59

(RA6) Rehabilitation area 6

Post-mining land uses (PMLU)										
Rehabilitation area				RA6						
Relevant activities				Evaporation Pond						
Total rehabilitation area size (ha)				33.5						
Commencement of first milestone: RM1				10/12/2048						
PMLU				Grazing						
Date area is available	10/12/48	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53				
Cumulative area available (ha)	33.5									
Milestone completed by	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53	10/12/54				
Milestone Reference	Cumulative area achieved (ha)									
RM1	33.5									
RM15	33.5									
RM3	33.5									
RM9	33.5									
RM11	33.5									
RM12	16.75	33.5								
RM13		6.7	13.4	20.1	26.8	33.5				
RM14					16.75	33.5				

(RA7) Rehabilitation area 7

Post-mining land uses (PMLU)										
Rehabilitation area				RA7						
Relevant activities				Tailings Storage Facility (TSF)						
Total rehabilitation area size (ha)				225						
Commencement of first milestone: RM1				10/12/2048						
PMLU				Grazing						
Date area is available	10/12/48	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53				
Cumulative area available (ha)	225									
Milestone completed by	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53	10/12/54				
Milestone Reference	Cumulative area achieved (ha)									
RM1	225									
RM15	225									
RM4	225									
RM9	225									
RM11	225									
RM12	112.5	225								
RM13		45	90	135	180	225				
RM14					112.5	225				

(RA8) Rehabilitation area 8

Post-mining land uses (PMLU)										
Rehabilitation area				RA8						
Relevant activities				MIA and Access Road						
Total rehabilitation area size (ha)				336.5						
Commencement of first milestone: RM1				10/12/2048						
PMLU				Grazing						
Date area is available	10/12/48	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53				
Cumulative area available (ha)	336.5									
Milestone completed by	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53	10/12/54				
Milestone Reference	Cumulative area achieved (ha)									
RM1	336.5									
RM15	336.5									
RM5	336.5									
RM10	336.5									
RM12	168.25	336.5								
RM13		67.3	134.6	201.9	269.2	336.5				
RM14					168.25	336.5				

(RA9) Rehabilitation area 9

Post-mining land uses (PMLU)										
Rehabilitation area				RA9						
Relevant activities				Water Supply Dam						
Total rehabilitation area size (ha)				60.5						
Commencement of first milestone: RM1				10/12/2048						
PMLU				Grazing						
Date area is available	10/12/48	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53				
Cumulative area available (ha)	60.5									
Milestone completed by	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53	10/12/54				
Milestone Reference	Cumulative area achieved (ha)									
RM1	60.5									
RM6	60.5									
RM10	60.5									
RM12	30.25	60.5								
RM13		12.1	24.2	36.3	48.4	60.5				
RM14					30.25	60.5				

(RA10) Rehabilitation area 10

Post-mining land uses (PMLU)										
Rehabilitation area				RA10						
Relevant activities				Pipeline						
Total rehabilitation area size (ha)				113						
Commencement of first milestone: RM1				10/12/2048						
PMLU				Grazing						
Date area is available	10/12/48	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53				
Cumulative area available (ha)	113									
Milestone completed by	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53	10/12/54				
Milestone Reference	Cumulative area achieved (ha)									
RM1	113									
RM7	113									
RM10	113									
RM12	56.5	113								
RM13		22.6	45.2	67.8	90.4	113				
RM14					56.5	113				

(RA11) Rehabilitation area 11

Post-mining land uses (PMLU)										
Rehabilitation area				RA11						
Relevant activities				OWSF and Aqueduct						
Total rehabilitation area size (ha)				251.1						
Commencement of first milestone: RM1				10/12/2048						
PMLU				Grazing						
Date area is available	10/12/48	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53				
Cumulative area available (ha)	251.1									
Milestone completed by	10/12/49	10/12/50	10/12/51	10/12/52	10/12/53	10/12/54				
Milestone Reference	Cumulative area achieved (ha)									
RM1	251.1									
RM8	251.1									
RM10	251.1									
RM12	125.55	251.1								
RM13		50.22	100.44	150.66	200.88	251.1				
RM14					125.55	251.1				

Rehabilitation area milestones

Milestone reference	Rehabilitation milestone	Milestone criteria
RM1	Infrastructure decommissioning and removal	1. all services disconnected; 2. all buildings and associated infrastructure demolished and removed off-site; 3. remove roads where not to be retained; 4. remove fencing; and 5. Machinery and equipment not required for rehabilitation removed off-site.
RM2	Landform development and reshaping / re-profiling of mine pits	1. major earthworks completed; 2. material placed in 500 mm lifts, watered, compacted; 3. minimum 90 percent compaction of backfilled mine pits is achieved; 4. water drainage lines reinstated to allow natural water flows; 5. landform constructed to meet final design specifications (batter slopes no greater than 3% and maximum elevation above natural ground level of 4m); and 6. back-filled pits assessed as geotechnically stable by a suitably qualified geotechnical engineer.
RM3	Landform development and reshaping / re-profiling of Evaporation Pond	1. major earthworks completed; 2. HDPE liner for evaporation pond removed; 3. batter slopes meet final design specifications (no greater than 20%); 4. maximum elevation above natural ground level of 2.2 m; 5. water drainage lines reinstated to allow natural water flows; and 6. certification from a suitably qualified person that an appropriate Factor of Safety has been applied and achieved.
RM4	Landform development and reshaping / re-profiling of TSF	1. major earthworks completed; 2. clay liner for TSF to remain in place; 3. batter slopes meet final design specifications (no greater than 20%); 4. maximum elevation above natural ground level of 5.7 m; and 5. certification from a suitably qualified person that an appropriate Factor of Safety has been applied and achieved.
RM5	Landform development and reshaping / re-profiling of MIA	1. major earthworks completed; 2. water drainage lines reinstated to allow natural water flows; and 3. former MIA area assessed as geotechnically stable by a suitably qualified geotechnical engineer.

RM6	Landform development and reshaping / re-profiling of water supply dam	1. major earthworks completed; 2. water drainage lines reinstated to allow natural water flows; and 3. former water supply dam area assessed as geotechnically stable by a suitably qualified geotechnical engineer.
RM7	Landform development and reshaping / re-profiling of pipeline	1. removal of pipeline; 2. major earthworks completed; 3. water drainage lines reinstated to allow natural water flows –including reinstatement of riparian zone and bank of Alick Creek undertaken in accordance with current design standards^; and 4. Former pipeline easement assessed as geotechnically stable by a suitably qualified geotechnical engineer.
RM8	Landform development and reshaping / re-profiling of OWSF and aqueduct	1. major earthworks completed 2. Offtake gates removed from Flinders River; 3. Impacted portions of the Flinders River bank backfilled, shaped to be analogous with the surrounding bank, and stabilised with seeded geofabric; 4. water drainage lines reinstated to allow natural water flows; 5. aqueduct backfilled with material from the OWSF and contoured to reinstate drainage paths; and 6. former OWSF and aqueduct area assessed as geotechnically stable by a suitably qualified geotechnical engineer.
RM9	Installation of cover system/cap (TSF and Evaporation Pond)	1. a cover system is installed with appropriate QA/QC measures to achieve: - Clay liner thickness of 300 mm, 1 m of subsoil thickness and 100 mm of topsoil; - Permeability of capping material to 1.0×10^{-9} m/s; 2. the construction and maintenance design of the cover system / cap has been certified by an appropriately qualified person that is consistent with the cover design. 3. certification of groundwater and surface water monitoring in accordance with monitoring and maintenance program.
RM10	Surface preparation (all disturbance areas excluding the TSF and evaporation pond)	1. ripping undertaken and penetrates at least 300 mm into soil profile; 2. placement of subsoil 300 mm (minimum) across the rehabilitation area; 3. placement of topsoil 100 mm (minimum) across the rehabilitation area; 4. monitoring undertaken and any identified areas of erosion have been repaired;

		5. soil health and suitability for target vegetation establishment (Mitchell Grass) assessed by suitably qualified person prior to seeding; and 6. application of ameliorants on subsoil and/or topsoil if required, as per recommendations from the soil health and suitability assessment.
RM11	Surface preparation (TSF and evaporation pond)	1. placement of subsoil 300 mm (minimum) for TSF and evaporation pond areas; 2. placement of topsoil 100 mm (minimum) for TSF and evaporation pond areas; 3. monitoring undertaken and any identified areas of erosion have been repaired; 4. soil health and suitability for target vegetation establishment (Mitchell Grass) assessed by suitably qualified person prior to seeding; and 5. application of ameliorants on subsoil and/or topsoil if required, as per recommendations from the soil health and suitability assessment.
RM12	Revegetation (grazing)	1. initial revegetation campaign to seed target species at a rate of 10-15 kg/ha and cover crop at 20-35 kg; 2. timing of seeding (sowing) for Mitchell grass (best undertaken in December / January and aimed to coincide with elevated levels of surface soil moisture); 3. Seed to be sown at no more than 1 cm depth (45 mm for clay soils). Seeds to be raked in following seed broadcasting; and 4. firebreak maintained along edge of mining lease until rehabilitation complete.
RM13	Achievement of surface requirements (grazing)	1. ground cover to exceed the 70th percentile among reference sites; 2. groundcover biomass is at least 50 percent of Mitchell Grass species for four good growing seasons, measured in a post wet season survey; 3. stems densities exceeding the 70th percentile of target species; 4. no exposed topsoil with less than five percent ground cover will remain without seeding, erosion and sediment control during the wet season; 5. target species established; 6. no patches of exposed, bare soil (<5 percent cover of vegetation organic litter) exceed 25 m2 in area; 7. No active rill, gully or sheet erosion is visible within the rehabilitation area five years after commencing rehabilitation*;

		8. open woodland areas (adjacent to Horse Creek), within a 100 m x 10 m belt transect, contain seedlings or suckers (<2 m in height) of <i>Eucalyptus coolabah</i> and/or <i>E. microtheca</i>; 9. planting success for 60 percent strike rate and 70 percent uptake; 10. revegetation 80 percent comparable to surrounding regional ecosystems; 11. weeds are a maximum of 10 percent of groundcover; and 12. carrying capacity is suitable to support a sustainable level of grazing. 13. Reinstated riparian zones and banks of Alick Creek and the Flinders River have been assessed by a suitably qualified person as revegetated sufficient to re-establish a riparian environment and protect bed and banks from erosion.
RM14	Achievement of post-mining land use to stable condition (grazing)	1. final landform is analogous with the pre-mining landform, at a slightly higher elevation, with the exception of the TSF and evaporation pond, which is 5.7 m and 2.2 m above ground level (respectively); 2. provide a final rehabilitation report including monitoring records; 3. assessment of carrying capacity by suitably qualified person demonstrates a sustainable grazing outcome has been achieved; 4. there are no final voids; 5. surface water quality complies with the site specific water quality objectives detailed in the environmental authority that relates to the licensed place; 6. groundwater levels recovered to known pre-mining depths (10 - 21 m bgl); 7. groundwater quality complies with the limits detailed in the environmental authority that relates to the licensed place; 8. certification that the abundance of weed and pest species identified in rehabilitated areas are no greater than at reference sites; 9. Certification from a suitably qualified person that the capping system (TSF and Evaporation Pond) is functional and no migration of contaminants to groundwater has or will occur; and 10. certification from a suitably qualified person that the area has achieved a stable condition.
RM15	Investigation and/or remediation of contaminated land	1. contaminated land investigation completed by a suitably qualified person; 2. removal or onsite treatment of contaminated water (e.g. hydrocarbons, brine, metals etc.) 3. removal and appropriate disposal of any contaminated materials; 4. onsite remediation of hydrocarbon contaminated soils;

		5. removal and disposal of plastic (geofabric) liners; and 6. conduct validation testing to confirm that contaminated soils have been removed / remediated.
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^ Examples of accepted current design standard may include (but not limited to) the Australian Government CRC for Water Sensitive Cities – Repairing riparian function guide (2018); or Section 4 of https://www.dnrm.qld.gov.au/?a=109113:policy_registry/riverine-protection-permit-exemption-requirements.pdf

*For the purposes of this criterion, these types of erosion have been defined as:

- Rill: an individual eroded channel in the soil that is less than 300 mm deep (Catchments & Creeks 2012)
- Gully: widespread soil erosion caused by flowing surface water. It consists of open, unstable channels that have been cut more than 30 cm deep into the ground (Queensland Government 2020)
- Sheet: the removal of an even layer of surface soil through the actions of raindrop impact and stormwater runoff (Catchments & Creeks 2012)

END OF PRCP SCHEDULE