CEPB Tailings Disclosure Inventory	Ramelius Resources TSF				
1. Tailings Facility Name/identifier	**EMO TSF**	**MMG Checkers TSF1**	**MMG Checkers TSF2**	**MMG Checkers TSF3**	**MMG Yuletide In-pit TSF**
2. Location	31°16'24'' Latitude 118°41'04'' Longitude	28°01'34" Latitude 117°48'35" Longitude	28°01'54" Latitude 117°48'33" Longitude	28°01'22" Latitude 117°48'14" Longitude	27°59'01" Latitude 117°49'29" Longitude
3. Ownership	Owned and operated	Owned (legacy site)	Owned (legacy site)	Owned and operated	Owned (disused)
4. Status	Current	Decommissioned in 2000	Decommissioned in 2001	Current	Decommissioned in 2007
5. Date of initial operation	2009	1989	1993	2000	2007
6. Is the Dam currently operated or closed as per currently approved design?	Yes	No	No	Yes	No
7. Raising method	Downstream	Upstream	Upstream	Upstream	N/A
8. Current Maximum Height	26 m	24.5 m	18 m	30.5 m	N/A
9. Current Tailings Storage Impoundment Volume	22 x 10^6 m^3	7.74 x 10^6 m^3	9.64 x 10^6 m^3	18.03 x 10^6 m^3	0.47 x 106 m3
10. Planned Tailings Storage Impoundment Volume in 5 years time.	35 x 10^6 m^3	12.88 x 10^6 m^3	15 x 10^6 m^3	19.88 x 10^6 m^3	1.012 x 10^6 m^3
11 .Most recent Independent Expert Review	April 2019	August 2019	August 2019	August 2019	August 2019
12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance, and/or closure?	Yes	Yes	Yes	Yes	Yes
13. What is your hazard categorisation of this facility, based on the consequence of failure? (see Note 1)	Medium Category 1	Medium Category 1	Medium Category 1	Medium Category 1	Low Category 3
14. What guideline do you follow for the classification system?	*DMP (2013) Tailings storage facilities in Western Australia – code of practice: Resources Safety and Environment Divisions, DMP, WA*	*DMP (2013) Tailings storage facilities in Western Australia – code of practice: Resources Safety and Environment Divisions, DMP, WA*	*DMP (2013) Tailings storage facilities in Western Australia – code of practice: Resources Safety and Environment Divisions, DMP, WA*	*DMP (2013) Tailings storage facilities in Western Australia – code of practice: Resources Safety and Environment Divisions, DMP, WA*	*DMP (2013) Tailings storage facilities in Western Australia – code of practice: Resources Safety and Environment Divisions, DMP, WA*
15. Has this facility, at any point in its history, failed to be confirmed or certified as stable, or experienced notable stability concerns, as identified by an independent engineer (even if later certified as stable by the same or a different firm).	No	No	No	No	N/A
16. Do you have internal/in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?	Both	Both	Both	Both	Both
17. Has a formal analysis of the downstream impact on communities, ecosystems and critical infrastructure in the event of catastrophic failure been undertaken and to reflect final conditions? If so, when did this assessment take place?	Yes, 2019	Yes, 2019	Yes, 2019	Yes, 2019	Yes, 2019
18. Is there a) a closure plan in place for this dam, and b) does it include long term monitoring?	Yes and Yes	Yes and Yes	Yes and Yes	Yes and Yes	Yes and Yes
19. Have you, or do you plan to assess your tailings facilities against the impact of more regular extreme weather events as a result of climate change, e.g. over the next two years?	Yes	Yes	Yes	Yes	Yes
20. Any other relevant information and supporting documentation.	N/A	N/A	N/A	N/A	N/A

Notes:

1. The hazard rating is used in design to establish design criteria. It considers amongst other things, the worst-case scenarios of release of tailings and water at maximum design level during maximum probable rain and flood events to ensure the suitability of the design to ensure no adverse impact on safety or on the environment.