



Evolution
MINING

**Church of England
Tailings Dam Management
Disclosure
March 2020**

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people
creating
a premier
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mid-tier
**gold
company**

Evolution Mining tailing facilities



Church of England Tailings Dam Management Disclosure - March 2020
 This disclosure has been certified by Evolution Mining's Executive Chairman, in line with this request

Operation	Country	State/Province	1. Tailings Dam Name / Identifier	2. Location	3. Owner	4. Status	5. Year construction was started	6. Is the dam currently operated as per approved design	7. Raising method (upstream,downstream,centerline,other)	8. Current height (metres)	9. Current volume of tailings facility(million m ³)	10. Planned final volume of tailings facility (million m ³)	11. Date of last external inspection including outcome	12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or closure ?	13. What is the risk rating for the TMF?	14. What standards/guidelines were applied to the dam design and construction?	15. Has the 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)	16. Do you have internal/in house engineering specialist oversight of this facility ? Or do you have external engineering support for this purpose?	17. Identification of habitat(s)/settlement(s) and/or flora/fauna critical habitat(s) or high biodiversity area(s) located downstream of the facility,with indication of areas or number of populations at risk,and the mitigative measures that have been undertaken or remain to be implemented.	18. a) Is there a closure plan in place for this dam and b) Does it include long term monitoring ?	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 ?	20. Any other relevant information and supporting documentation
Cowal	Australia	New South Wales	NTSF	33°38'6.89"S,14 7°22'0.31"E	100% Evolution owned	Active	2005	Yes	Upstream	27.5	30.6	35.5	24/04/2019	Yes	Significant	ANCOLD, ICOLD, Queensland Department of Energy Guidelines, Australian Standards	No	Both	Yes-June 2019	a) Yes b) Yes	Yes - Tailings facility design Guidelines include evaluation of extreme weather events	
			STSF	33°38'55.35"S,1 47°22'7.70"E	100% Evolution owned	Active	2006	Yes	Upstream	26.7	29.9	29.9	Jan-20	Yes	Significant	ANCOLD, ICOLD, Queensland Department of Energy Guidelines, Australian Standards	No	Both	Yes-June 2019	a) Yes b) Yes	Yes - Tailings facility design Guidelines include evaluation of extreme weather events	
			IWL		100% Evolution owned	Construction	2019	NA	Landform				79.0		Yes	Significant	ANCOLD, ICOLD, Queensland Department of Energy Guidelines, Australian Standards	NA	Both	Yes-Jan 2020	a) Yes b) Yes	Yes - Tailings facility design Guidelines include evaluation of extreme weather events
Cracow	Australia	Queensland	TD4	25°16'23.17"S,1 50°17'6.90"E	100% Evolution owned	Active	1990	Yes	Upstream	54.0	3.56	3.9	Oct-19	Yes	Significant	ANCOLD, ICOLD, Queensland Department of Energy Guidelines, Australian Standards	No	Both	Undertaken	Statement of intent in Final Land Use Rehab Plan	Yes - Tailings facility design Guidelines include evaluation of extreme weather events	
			TSF1	25°17'26.39"S,1 50°16'56.70"E	100% Evolution owned	Active	2004	Yes	Upstream	39.5	3.3	3.78	Oct-19	Yes	Significant	ANCOLD, ICOLD, Queensland Department of Energy Guidelines, Australian Standards	No	Both	Undertaken	Statement of intent in Final Land Use Rehab Plan	Yes - Tailings facility design Guidelines include evaluation of extreme weather events	
			TD3		100% Evolution owned	Decommissioned		NA	Upstream	37.0					Low	ANCOLD, ICOLD, Queensland Department of Energy Guidelines, Australian Standards	No					
			TD1&TD2		100% Evolution owned	Decommissioned		NA	Upstream	No records held					Low	ANCOLD, ICOLD, Queensland Department of Energy Guidelines, Australian Standards	No					
Mt Carlton	Australia	Queensland	Tailings Storage Facility Mt Carlton	20°15'45.42"S,1 47°34'5.72"E	100% Evolution owned	Active	2012	Yes	Downstream Embankment Raised - HDPE Lined	22.0	4.0	6.85	Dec-19	Yes	Significant	ANCOLD, ICOLD, Queensland Department of Energy Guidelines, Australian Standards	No	Both	Undertaken	a) Yes b) Yes	Yes - Tailings facility design Guidelines include evaluation of extreme weather events	
Mt Rawdon	Australia	Queensland	Mt.Rawdon TSF	25°15'44.10"S,1 51°45'19.17"E	100% Evolution owned	Active	2000	Yes	Upstream and centreline	81.0 (Northern embankment) 63.0 (South embankment) 29.0 (South embankment)	61.0	73.0	Nov-19	Yes	High	ANCOLD, ICOLD, Queensland Department of Energy Guidelines, Australian Standards	No	Both	Undertaken	a) Yes b) Yes	Yes - Tailings facility design Guidelines include evaluation of extreme weather events	
Mungari	Australia	Western Australia	Cell 1	30°45'43.91"S,1 21°14'22.95"E	100% Evolution owned	Active	2014	Yes	Combination of downstream, central and upstream lifts	16.0	3.2	3.7	Apr-19	Yes	Significant	ANCOLD,ICOLD,West Australia DMP Guidelines, Australian Standards	No	Both	Undertaken	a) Yes b) Yes	Yes - Tailings facility design Guidelines include evaluation of extreme weather events	
			Cell 2	30°45'43.45"S,1 21°14'5.95"E	100% Evolution owned	Active	2014	Yes	Combination of downstream, central and upstream lifts	16.0	3.4	4.6	Apr-19	Yes	Significant	ANCOLD,ICOLD,West Australia DMP Guidelines, Australian Standards	No	Both	Undertaken	a) Yes b) Yes	Yes - Tailings facility design Guidelines include evaluation of extreme weather events	