

Mine Tailings Disclosure Table

1. Tailings Dam Name/Identifier	2. Location	3. Ownership	4. Status	5. Date of initial operation	6. Is the Dam currently operated or closed as per currently approved design?	7. Raising method	8. Current Maximum Height	9. Current Tailings Storage Impoundment Volume (m ³) (Volume of tailings currently stored)	10. Planned Tailings Storage Impoundment Volume in 5 years time	11. Most recent Independent Expert Review	12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or closure.	13. What is your hazard categorisation of this facility, based on consequence of failure?	14. What guideline do you follow for the classification system?	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).	16. Do you have internal/in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?	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?	18. Is there a) 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. Please state if you have omitted any other exposure to tailings facilities through any joint ventures you may have.	
Growth	TSF1	1° 7'34.34"N 127°42'58.24"E (GoogleEarth)	PT Nusa Halmaheha Minerals (75% Newcrest)	Operational	1999	Yes	Raise 1 - centreline 4 m lift Raise 2 - downstream 4.5 m lift Raise 3 - upstream 5 m lift	37 m	6,150,000 m ³	No increase planned beyond the current lift capacity.	GHD 2018 audit Hatch 2019, Material Business Interruption Risk Report (Draft under review) ECB 2019 tailings management framework audit (Currently in progress)	Adequate records are available.	High C	ANCOLD 2012	No	Internal tailings specialists for oversight and assurance are currently being recruited. External engineering support is also engaged for support.	Latest dam break study was dated 2018	a) Yes (in draft format) b) Yes - 30 years of monitoring	Yes we will be assessing. Design rainfall events are based on ANCOLD guidelines for various dam consequence categories.	Closure plan is in draft format and in the process of review and completion.
	WEX	1° 7'36.67"N 127°42'45.03"E (GoogleEarth)	PT Nusa Halmaheha Minerals (75% Newcrest)	Operational	2016	Yes	Raise 1 - Downstream	30 m	1,250,000 m ³	Existing + 1,310,000 m ³	GHD 2018 audit Hatch 2019, Material Business Interruption Risk Report (Draft under review) ECB 2019 tailings management framework audit (Currently in progress)	Adequate records are available.	High C	ANCOLD 2012	No	Internal tailings specialists for oversight and assurance are currently being recruited. External engineering support is also engaged for support.	Latest dam break study was dated 2018	a) Yes (in draft format) b) Yes - 30 years of monitoring	Yes we will be assessing. Design rainfall events are based on ANCOLD guidelines for various dam consequence categories.	No additional information
CDA	NTSF	33° 29' 51.21" S 149° 0' 18.40" E (GoogleEarth)	Cadia Holdings Pty Ltd (100% Newcrest)	Care and maintenance	1998	It is currently prohibited from placing tails following the embankment slump in March 2018	Raise 1, 2, 3 - Downstream Raise 4 - Centreline Raise 5 to 10 - Upstream	91 m	180,000,000 m ³	Currently not being used. Studies currently being undertaken to determine future design and capacity.	2016 GHD audit 2018 Review panel (2019 independent Technical Review Board)	Adequate records are available.	Significant	ANCOLD 2012	Yes. The southern embankment experienced a slump in March 2018, causing it to lose containment of tailings from part of the NTSF. The slump did not result in any injuries or environmental damage as the tailings released were fully captured in the abutting STSF. There has been no abnormal movement in the NTSF wall, or release of material from the NTSF, over the past year. Dam has been reviewed by an independent technical review board, which concluded that the dominant factor determining the cause and location of the slump was the existence of a low-density foundation layer in the vicinity of the slump. Other factors that contributed were the local height of the dam, the prevailing phreatic conditions, and excavation at the toe of the structure in the area of the slump. Newcrest has publicly released the findings of the ITRB, which can be found here: http://www.newcrest.com.au/investors/market-releases	Internal tailings specialists for oversight and assurance are currently being recruited. External engineering support is also engaged for support.	Yes - 2017	a) Yes b) No - plan is still conceptual	Yes we will be assessing. Design rainfall events are based on ANCOLD guidelines for various dam consequence categories. Derivation of these events should draw upon the Australian Rainfall and Runoff Manual which does accommodate climatic change.	No additional information
	STSF	33° 30' 52.31" S 148° 59' 56.44" E (GoogleEarth)	Cadia Holdings Pty Ltd (100% Newcrest)	Operational	2001	Yes	Raise 1,2 - Downstream Raise 3 - Centreline Raise 4 to 6 - Upstream	72.5 m	95,000,000 m ³	Estimated Total: 125,000,000 m ³	2016 GHD audit Design reviews by HATCH. ECB 2019 tailings management framework audit (Currently in progress)	Adequate records are available.	Significant	ANCOLD 2012	No	Internal tailings specialists for oversight and assurance are currently being recruited. External engineering support is also engaged for support.	Yes - 2017	a) Yes b) No - plan is still conceptual	Yes we will be assessing. Design rainfall events are based on ANCOLD guidelines for various dam consequence categories. Derivation of these events should draw upon the Australian Rainfall and Runoff Manual which does accommodate climatic change.	No additional information
	Open Pit	33° 27' 24.56" S 148° 59' 53.44" E (GoogleEarth)	Cadia Holdings Pty Ltd (100% Newcrest)	Operational	2018	Yes. Filling mining void where groundwater is a key consideration. No TSF design document applicable. Permitted to fill to specified RL	Mining void storage	Open Pit void only	13,500,000 m ³	Existing + 75,000,000 m ³	ECB 2019 tailings management framework audit (Currently in progress)	Design of Open Pit available, along with operations manual for tailings disposal	N/A	ANCOLD 2012	No	Internal tailings specialists for oversight and assurance are currently being recruited. External engineering support is also engaged for support.	Not applicable	a) Yes b) No - plan is still conceptual	Yes we will be assessing. Design rainfall events are based on ANCOLD guidelines for various dam consequence categories. Derivation of these events should draw upon the Australian Rainfall and Runoff Manual which does accommodate climatic change.	No additional information
Tailor	TSF7	21°42'34.33"S 122°14'14.67"E (GoogleEarth)	Newcrest Operations Limited (100% Newcrest)	Operational	2004	Yes - in line with current Coffey design	Raise 1 to 3 - downstream (RL 5495 to RL 5505) Raise 4 to 10 - upstream (RL 5505 to RL 5526)	57m	173,000,000 m ³	Total approx 250,000,000 m ³	GHD 2018 audit ECB 2019, Material Business Interruption Risk Report (Draft under review)	Adequate records are available.	Significant	ANCOLD 2012	No	Internal tailings specialists for oversight and assurance are currently being recruited. External engineering support is also engaged for support.	Yes - 2017	a) Yes b) no - plan is still conceptual	Yes we will be assessing. Design rainfall events are based on ANCOLD guidelines for various dam consequence categories. Derivation of these events should draw upon the Australian Rainfall and Runoff Manual which does accommodate climatic change.	No additional information
	TSF 1-6 (Grouped as they are a common landform)	21° 42' 08.05" S 122° 12' 11.33" N (GoogleEarth)	Newcrest Operations Limited (100% Newcrest)	Care and maintenance	No data available for TSF 1, 2 and 3 TSF 4 - 1988 TSF 5 - 1990 TSF 6 - 1992	TSF 1, 2 and 3 - Decommissioned with surface areas rehabilitated TSF 4, 5 and 6 - inactive (but services still in place)	No data available	No data available for TSF 1, 2 and 3 TSF 4 - 20 m TSF 5 - 27 m TSF 6 - 21 m	No data available for TSF 1, 2 and 3 TSF 4 - 1,200,000 m ³ TSF 5 - 6,200,000 m ³ TSF 6 - 5,400,000 m ³	No data available	No data available	Adequate records are available.	No data available	No data available	No data available	Internal tailings specialists for oversight and assurance are currently being recruited. External engineering support is also engaged for support.	No data available	a) Yes b) Yes	N/A	No additional information