



ASX Announcement

12 June 2019

ERA releases further details on tailings facilities

ERA has today disclosed additional information in relation to the tailings facilities at its Ranger mine. This disclosure builds on the publication by Rio Tinto of its Group Procedure and its Standard for 'Management of tailings and water storage facilities', which was introduced in August 2015.

ERA has now provided additional information regarding the construction, management and monitoring of facilities, including independent reviews.

ERA's facilities are subject to three levels of governance and assurance:

- First level of assurance takes place by ERA with the main tenets being effective facility design, comprehensive operational controls and regular reviews. Independent reviews of the operations must be conducted not less than once every two years.
- Second level is assurance to the Rio Tinto Standard through periodic Business Conformance Audits and Technical Reviews, supported by Rio Tinto's Surface Mining Centre of Excellence.
- Third level of assurance is independent of site management and normally conducted by third parties.

ERA's facilities, whether active or inactive, have an external engineer of record or design engineer.

All facilities have been given a hazard classification in accordance with the Guidelines of the Australian National Committee on Large Dams Incorporated (**ANCOLD**). Hazard classifications are not a judgment on the condition of a facility or the likelihood of failure but on the potential consequence if there was to be a failure.

Full details of the tailings and water storage facilities at Ranger mine are available below.

1. "Tailings Dam" Name/identifier	Pit 1 TSF	Pit 3 TSF	TSF
2. Location	-12.69066,132.91610	-12.67528,132.91892	-12.69026,132.90168
3. Ownership	Owned and Operated	Owned and Operated	Owned and Operated
4. Status	Closed	Active	Inactive
5. Date of initial operation	1996	2015	1980
6. Is the Dam currently operated or closed as per currently approved design?	Yes	Yes	Yes
7. Raising method	N/A (in-pit)	N/A (in-pit)	Downstream
8. Current Maximum Height	0 Tailings are deposited into a completed open pit.	0 Tailings are deposited into a completed open pit.	38.5
9. Current Tailings Storage Impoundment Volume	18,500,000	18,542,000	12,999,000
10. Planned Tailings Storage Impoundment Volume in 5 years' time.	18,500,000	31,538,000	0 All tailings will be removed by December 2020 and TSF to be subsequently deconstructed.
11. Most recent Independent Expert Review	October 2018	July 2018	September 2018
12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or closure.	Yes	Yes	Yes
13. What is your hazard categorisation of this facility, based on consequence of failure?	Very Low	High B	High B
14. What guideline do you follow for the classification system?	ANCOLD	ANCOLD	ANCOLD
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

1. "Tailings Dam" Name/identifier	Pit 1 TSF	Pit 3 TSF	TSF
16. Do you have internal/in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?	External only	External only	External only
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?	No Tailings are deposited into a completed open pit.	Yes	Yes - January 2016
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
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
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.			

About Energy Resources of Australia Ltd

ERA is one of the nation's largest uranium producers and Australia's longest continually operating uranium mine.

ERA provides clean energy to the world and, as a trusted partner, cares for people and country.

ERA has an excellent track record of reliably supplying customers. Uranium oxide has been produced at Ranger for more than 35 years. During that time, Ranger has produced in excess of 128,000 tonnes of uranium oxide.

ERA's Ranger mine is located eight kilometres east of Jabiru and 260 kilometres east of Darwin, in Australia's Northern Territory. ERA is a major employer in the Northern Territory and the Alligator Rivers Region.

For further information, please contact:

Media Relations

Alan Tietzel
Office: +61 8 8924 3571
Mobile: +61 448 605 001
Email: alan.tietzel@era.riotinto.com

Investor Relations

Rachel Storrs
Office: +61 (0) 3 9283 3628
Mobile: +61 (0) 417 401 018
Email: rachel.storrs@riotinto.com

Website: www.energyres.com.au
Twitter: Follow @ERARangerMine on Twitter