

Environmental management system



ERA

ERA's health, safety and environment management system meets Australian and International Standards and will be amalgamated with specific Project controls.

ERA has an established, robust health safety and environmental management system that is subject to continuous improvement and manages all activities at Ranger mine.

The system is accredited with ISO 14001 and AS 4801, and aligns with the Rio Tinto Management System Standard. This standard specifically addresses each of the 17 elements which range from "policy" through to "performance assessment and auditing", and "management review". The system is designed along the principles of the "plan, do, check and review" continual improvement cycle.

A key component of the system is the environmental management plans, which are specific to various core environmental and operational aspects of the business; for example water management, radiation protection, fire management, land use, air quality – to name a few.

In order to align with the existing management system, ERA has developed an environmental management plan for the Project that is based on the outcomes of the risk assessment and considers all Project risks.

All new treatments (controls) recorded during the risk assessment are incorporated into a series of action plans.

Each action plan describes the new treatment and outlines the objectives and targets; measuring and monitoring programs; and performance indicators. Each action plan also describes any other Project commitments made in the Draft EIS that are of an environmental management nature.

The action plans cover the following key health, safety and environmental aspects and risk areas:

- air emissions, noise and vibration;
- occupational health and safety;
- radiation protection;
- water management;
- flora, fauna and land use stewardship;
- cultural heritage; and
- rehabilitation and closure.

Should the Project be approved, these action plans will be integrated into the existing ERA health, safety and environmental management system, and be implemented for the duration of the Project and existing operations, including the rehabilitation phase.

Further reading:

Refer to Chapter 15 of the *ERA Ranger 3 Deeps Draft Environmental Impact Statement*.

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ERA environmental management system showing the 17 elements, across the “plan, do, check, review” cycle