



Northern Territory  
Environment Protection Authority

## **TERMS OF REFERENCE FOR PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT**

**PROPOSAL NAME:**            **Rehabilitation of the former Rum Jungle mine site**

**LOCATION:**                    **Rum Jungle, Coomalie**

**PROPONENT:**               **Department of Primary Industry and Resources**

**ISSUED:**                      **November 2019**

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## ABBREVIATIONS AND GLOSSARY

AEP	Annual exceedance probability
AMD	acid and metalliferous drainage
DPIR	Department of Primary Industry and Resources (NT)
Draft EIS	Draft Environmental Impact Statement
EA Act	Environmental Assessment Act 1982
EAAP	Environmental Assessment Administrative Procedures 1984
EIS	Environmental Impact Statement
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
NT EPA	Northern Territory Environment Protection Authority
the Proposal	the rehabilitation of the former Rum Jungle mine site; the proposed action undergoing environmental impact assessment
the proponent	Department of Primary Industry and Resources; the entity intending to undertake the proposed action
TOR	Terms of Reference (for an EIS)

## PART 1 INTRODUCTION

### 1.1 Overview

The rehabilitation of the former Rum Jungle mine site (the Proposal) is being assessed by the Northern Territory Environment Protection Authority (NT EPA) under the Environmental Assessment Act 1982 (EA Act) at the level of an Environmental Impact Statement (EIS). The Proposal is a 'controlled action' under the Commonwealth Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act). The assessment is being conducted in accordance with the bilateral agreement between the Australian Government and the Northern Territory Government.

These Terms of Reference (TOR) set out the matters relating to the environment that are to be addressed in the EIS for this Proposal, in accordance with clause 8(3) of the Environmental Assessment Administrative Procedures 1984. The EIS must also address all requirements in the NT EPA General Guidance for Proponents Preparing an EIS (NT EPA 2019a).

### 1.2 Background

The Department of Primary Industry and Resources (the Proponent) referred a Notice of Intent for the Proposal to the NT EPA for consideration under the EA Act on 30 June 2016.

This outlined the proposal to address long-term environmental legacy issues within the former Rum Jungle mine site, located 6km north of Batchelor, as well as the satellite sites Mount Fitch and Mount Burton.

The NT EPA decided on 30 August 2016 that the Proposal required assessment at the level of an EIS. On 23 September 2019, the Proponent notified the NT EPA of alterations to the Proposal under clause 14A of the Environmental Assessment Administrative Procedures 1984 (EAAP). The NT EPA decided that the environmental significance of the altered Proposal had not changed and assessment of the Proposal should continue through the EIS process. However, the NT EPA determined that new TOR were required to align with changes to the NT EPA's TOR format incorporating environmental factors and objectives.

Further details on the Proposal and the alterations, and the reasons contributing to the NT EPA's decision are outlined in the Statement of Reasons (NT EPA, 2019b) available at: <https://ntepa.nt.gov.au/environmental-assessments/current-projects>.

The Proposal was referred to the Australian Government under the EPBC Act. On 4 August 2016, a delegate of the Australian Government Minister for Environment and Energy (the Australian Government Minister) determined that the Proposal was a controlled action requiring assessment and approval under the EPBC Act. The controlling provisions are:

- Listed threatened species and communities (sections 18 & 18A)
- Protection of the environment from nuclear actions (sections 21 & 22A).

On 23 September 2019 the Proponent submitted a variation to the Proposal under the EPBC Act. The variation was accepted by the delegate on 24 October 2019 to be the Proposal now being assessed.

## **1.3 Structure of these Terms of Reference**

Part 1 – Introduction: an overview of the Proposal and decisions relating to its environmental assessment.

Part 2 – Matters to be addressed in the Draft EIS: a description of the information requirements specific to this Proposal. The Proponent is required to address all these matters, relating to the Proposal and the surrounding environment, in its Draft EIS. This part must be read in conjunction with the NT EPA General Guidance for Proponents Preparing an EIS, which outlines the general information that is also required in the Draft EIS.

Part 3 – Other requirements for the Draft EIS: a list of applicable guidelines and policies, and description of the public exhibition requirements.

## **PART 2 MATTERS TO BE ADDRESSED IN THE DRAFT EIS**

### **2.1 Proposal description**

#### **2.1.1 Existing environmental condition**

The draft EIS should include details of the current state of the Proposal area, including but not limited to the information requirements in Table 1.

**Table 1: Minimum information required for existing environmental condition in the Proposal area, including the former Rum Jungle mine site and proposed borrow areas.**

<b>Topic</b>	<b>Required information</b>
Site layout maps and information	<ul style="list-style-type: none"> <li>• a map of the entire site, identifying the location and dimensions of existing disturbance, infrastructure and roads/tracks, and landforms resulting from historic mining activities</li> <li>• a map of the entire site, identifying geologic formations and faults</li> <li>• an aerial photograph / satellite imagery of the East Branch of the Finnis River prior to mining (if available) and analysis of how hydrological processes have been impacted by mining e.g. how the course of the East Branch of the Finnis River has been altered and diverted</li> <li>• locations (i.e. source and destination), types/classes (e.g. tailings, waste rock), volumes and associated geochemical/geotechnical properties of materials to be rehabilitated in-situ or re-located to other area(s) on site/s</li> <li>• information on point and diffuse sources of acid and metalliferous drainage (AMD), and current physical and geochemical impacts on water resources and sediments, including groundwater and the Finnis River</li> <li>• locations and nature of contaminated soils and any asbestos or other contaminated wastes on the site/s</li> <li>• the extent of native vegetation communities within and adjacent to the Proposal area</li> <li>• the extent of introduced and invasive species (both flora and fauna) within and adjacent to the Proposal area, including weed species declared under the Weeds Management Act 2001</li> </ul>

Topic	Required information
	<ul style="list-style-type: none"> <li>• information on the fire regime, including factors that influence the fire frequency and intensity, such as the presence and extent of high fuel load weeds.</li> </ul>
Existing legacy conditions	<p>Provide an assessment of baseline (current) water quality, including a comparison with relevant water quality guidelines (e.g. ANZG 2018) and locally derived water quality objectives, of:</p> <ul style="list-style-type: none"> <li>• receiving waters (surface and groundwater) including the East Branch of the Finnis River and the Finnis River reaches downstream</li> <li>• pit water at Main Pit and Intermediate Pit</li> <li>• groundwater</li> </ul> <p>Provide a sufficiently detailed hydrogeological model, incorporating:</p> <ul style="list-style-type: none"> <li>• the existing source(s) of contaminants</li> <li>• the flows and loads of contaminants</li> <li>• the mechanism(s) of their release</li> <li>• the pathway(s) for transport</li> <li>• the potential for human and ecological exposure to these contaminants</li> </ul> <p>Provide an assessment of the existing waste storages and their performance to inform design improvements in the Proposal landforms.</p>

### 2.1.2 Rehabilitation strategy

Provide a detailed description of all aspects of the Proposal as outlined in Table 2.

**Table 2: Minimum information required in the Proposal description**

Topic	Required information
Site layout maps	<ul style="list-style-type: none"> <li>• the location and approximate dimensions of areas to be disturbed, structures to be built or repurposed as part of the Proposal, including (as relevant): <ul style="list-style-type: none"> <li>○ all areas to be cleared or disturbed including the vegetation types present</li> <li>○ borrow pits (within and outside the mine site)</li> <li>○ roads, and other related infrastructure</li> <li>○ buildings such as office facilities</li> <li>○ temporary stockpiles</li> <li>○ permanent waste storage facilities</li> <li>○ water-related infrastructure (e.g. storage/treatment facilities, extraction/discharge points)</li> <li>○ any other rehabilitation or ancillary infrastructure.</li> </ul> </li> <li>• the Proposal layout overlain with the environmental values such as the location of waterbodies/waterways and native vegetation</li> </ul>
Rehabilitation strategy	<p>The EIS should provide a detailed description of the methods and processes for the Proposal, including but not limited to:</p>

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Topic	Required information
	<ul style="list-style-type: none"> <li>• establishment of rehabilitation objectives and completion criteria for the various components of the Proposal (including off-site borrow areas) with measurable performance indicators/thresholds to demonstrate that completion criteria are likely to be met, including for the longer-term use of the Proposal area</li> <li>• design and construction methods of the proposed rehabilitated landforms, including the final landform, cover and waste rock dump designs, and any temporary measures to manage materials that may become a source of contamination during construction</li> <li>• clearing and preparation of the proposed borrow areas and new waste storage facility, including handling/stockpiling/disposal of vegetation and topsoil</li> <li>• sources and volumes of materials required for construction, such as fill, clays and consumables (e.g. neutralising agents), including materials on-site suitable for re-use</li> <li>• timeframes for all relevant aspects of the Proposal</li> <li>• responsibilities and funding arrangements for post-rehabilitation monitoring and maintenance programs</li> <li>• systems and processes for the retention of rehabilitation and monitoring data records</li> <li>• reporting program for site monitoring and maintenance activities</li> <li>• regulatory requirements, including any licences and associated reporting requirements.</li> </ul>
Water	<ul style="list-style-type: none"> <li>• a water balance prepared in consideration of MCA 2014 Water Accounting Framework</li> <li>• predicted water demand requirements for each aspect and all phases of the Proposal (including dust suppression, drinking water, road construction, wetting of rehabilitation materials and any other uses)</li> <li>• proposed water supply sources, volumes and yields (including details of any peak periods and seasonal variations)</li> <li>• details of any proposed dewatering and groundwater extraction including anticipated extraction rates and volumes, treatment, storage, usage/reuse and disposal options</li> <li>• details of existing or proposed surface water diversions including designs</li> <li>• requirement for discharge and a waste discharge licence under the Water Act 1992</li> <li>• requirement for extraction licence or permit to interfere with a waterway under the Water Act 1992</li> </ul>
Transport	<ul style="list-style-type: none"> <li>• access and haul road construction/ upgrade and maintenance requirements, including maximum widths, and sources and extraction of materials</li> <li>• methods for crossing sensitive areas, such as waterways and/or land units with poor soil recovery potential, where relevant</li> <li>• methods for intersecting linear infrastructure and major roads, where relevant</li> </ul>

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Topic	Required information
	<ul style="list-style-type: none"> <li>• identify which sections of public road would be used by the Proposal and whether any sections of public road may require upgrading (and summary of engagement with NT Government road authority stakeholder)</li> <li>• volumes of existing vehicles using the proposed transport routes</li> <li>• estimated vehicle types and frequency (over seasons and hours/days) of Proposal-related vehicle use on public roads</li> <li>• transport of hazardous or dangerous materials (e.g. heavy machinery, fuel, reagents)</li> </ul>
Non-mineral waste and hazardous materials	<ul style="list-style-type: none"> <li>• list and description of potentially hazardous materials to be used or produced and methods for storage, transport, handling, containment, disposal and emergency management of these materials (including fuel)</li> <li>• descriptions of predicted solid and liquid waste streams, both industrial and domestic, and waste management strategies for storage, transport and disposal, taking into account the waste hierarchy</li> </ul>
Energy	<ul style="list-style-type: none"> <li>• the Proposal's energy requirements and proposed source</li> <li>• estimate of the greenhouse gases emissions<sup>1</sup> from the Proposal</li> </ul>
Workforce	<ul style="list-style-type: none"> <li>• summary of the estimated number of people to be employed, skills base required, likely sources (local, regional, overseas) and accommodation requirements</li> </ul>
Alternatives	<p>The EIS should describe any feasible alternatives to carrying out the Proposal. The choice of the preferred option(s) should be clearly explained and justified.</p> <p>Discussion of alternatives should include, but not be limited to:</p> <ul style="list-style-type: none"> <li>• not proceeding with the Proposal</li> <li>• site selection for Proposal components, including alternative layouts and alternative locations that improve Proposal outcomes</li> <li>• alternative designs, construction and rehabilitation methods for Proposal components such as the Main Pit waste backfill option with pit lake or complete backfill option versus above ground waste storage for the most problematic wastes</li> <li>• management of wastes</li> <li>• water management</li> <li>• technologies and treatment methods to address AMD and other legacy issues</li> <li>• options to optimise ecological sustainability for the Proposal, such as alternatives to reduce / offset the Proposal's environmental footprint</li> <li>• consideration of alternative environmental management measures for key potential impacts and risks.</li> </ul>

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<sup>1</sup> National Greenhouse and Energy Reporting at <http://www.cleanenergyregulator.gov.au/NGER/About-the-National-Greenhouse-and-Energy-Reporting-scheme/Greenhouse-gases-and-energy>

## 2.2 Key environmental factors

The NT EPA has identified the preliminary key environmental factors that must be addressed in the Draft EIS as they may be significantly impacted by the Proposal (Table 3). These have been selected from the NT EPA’s environmental factors and objectives (NT EPA 2018a). Given that the core objective of the Proposal is to address historic sources of contamination at the Rum Jungle mine site that have resulted in impacts to the receiving environment, a number of the NT EPA’s environmental objectives, particularly for Terrestrial environmental quality, Hydrological processes, Inland water environmental quality and Aquatic ecosystems, should be viewed in the context of improvement rather than maintenance of the existing situation. The environmental objectives as they apply to sites in the Proposal area that are not on the former Rum Jungle mine site, e.g. Mount Fitch and Mount Burton, and the two borrow areas, should be viewed in the context of maintaining and/or improving the existing situation. The NT EPA has defined Proposal-specific environmental objectives in Table 3, recognising the current environmental conditions on the site and the purpose of the Proposal.

**Table 3: Preliminary key environmental factors that must be addressed in the Draft EIS**

<b>Theme</b>	<b>Key environmental factor</b>	<b>Proposal-specific environmental objective</b>
<b>Land</b>	Terrestrial flora and fauna	Protect the NT’s flora and fauna so that biological diversity and ecological integrity are maintained.
	Terrestrial environmental quality	Improve the quality of land and soils so that environmental values are protected.
<b>Water</b>	Hydrological processes	Improve the hydrological regimes of groundwater and surface water so that environmental values are protected.
	Inland water environmental quality	Improve the quality of groundwater and surface water so that environmental values including ecological health, land uses, and the welfare and amenity of people are protected.
	Aquatic ecosystems	Restore aquatic ecosystems to maintain environmental water requirements and the biological diversity of flora and fauna and the ecological functions they perform.
<b>People and communities</b>	Social, economic and cultural surroundings	Protect the rich social, economic, cultural and heritage values of the Northern Territory.
	Human health	Ensure that the risks to human health are identified, understood and adequately avoided and/or mitigated.

For each of the key environmental factors listed in Table 2, the Draft EIS is to provide an assessment of how the NT EPA’s Proposal-specific environmental objective would be met, as outlined in the NT EPA General Guidance for Proponents Preparing an EIS and detailed below.

If additional potential environmental impacts are identified through the environmental impact assessment process, they must also be included in the Draft EIS, even if this requires addressing additional environmental factors not specified in Table 2.

### 2.2.1 Terrestrial flora and fauna

Provide sufficient information to enable assessment of whether the Proposal is likely to meet the NT EPA's Proposal-specific environmental objective to protect the NT's flora and fauna so that biological diversity and ecological integrity are maintained (or improved); and the matters that must be addressed under Schedule 4 of the Environment Protection and Biodiversity Conservation Regulations 2000. Information requirements outlined in Table 4 below should be read in consideration of the general advice provided in section 2.6 of the NT EPA General Guidance for Proponents Preparing an EIS.

**Table 4: Minimum information required for assessment of terrestrial flora and fauna**

Aspect	Specific information required
Environmental values	<p>Provide updated results of targeted surveys for threatened species in areas where vegetation is to be cleared as part of the Proposal.</p> <p>The EIS should identify and discuss:</p> <ul style="list-style-type: none"> <li>• the presence or likely presence of species listed under the EPBC Act and/or the Territory Parks and Wildlife Conservation Act 1976, including but not limited to Partridge pigeon (eastern) (<i>Geophaps smithii smithii</i>) and black-footed tree-rat (<i>Mesembriomys gouldii gouldii</i>)<sup>2</sup></li> <li>• the presence of suitable habitat for listed threatened species</li> <li>• the presence, or likely occurrence, of introduced and invasive species</li> <li>• the presence of groundwater dependent communities within the Proposal area and more broadly, the East Branch of the Finnis River</li> <li>• listed threatened communities.</li> </ul> <p>Quantify and map values associated with sensitive or significant vegetation types and ecosystems including but not limited to:</p> <ul style="list-style-type: none"> <li>• Cycads</li> <li>• Riparian vegetation</li> <li>• Groundwater dependent ecosystems.</li> </ul>
Potential impacts and risks	<p>Quantify and/or discuss any potential for a decline in distribution, abundance or health of identified values due to:</p> <ul style="list-style-type: none"> <li>• clearing of vegetation or other habitat disturbance</li> <li>• road traffic impacts on wildlife</li> <li>• dust, noise, vibration and light</li> <li>• decline in terrestrial habitat quality, barrier effects, and habitat and population fragmentation</li> <li>• pit dewatering</li> <li>• transportation and/or disposal of hazardous material (including naturally occurring radioactive material (NORM)) or wastes</li> </ul>

<sup>2</sup> using data held by the Department of Environment and Natural Resources within the NT Flora and Fauna Atlases available via NR Maps at <http://nrmaps.nt.gov.au>.

Aspect	Specific information required
	<ul style="list-style-type: none"> <li>• radionuclide exposure from dust emissions, contaminated water resources or other sources of exposure</li> <li>• the introduction and/or spread of weeds<sup>3</sup> and feral fauna species</li> <li>• increased fire risk</li> <li>• ongoing post-rehabilitation maintenance activities (e.g. weed and fire management, remedial earthworks)</li> </ul>
Mitigation and management	<p>Address any potential impacts identified above in accordance with the mitigation hierarchy<sup>4</sup> to meet completion criteria for the Proposal, including rehabilitation of borrow areas.</p> <p>Information requirements for safeguards and mitigation measures proposed to prevent, minimise or compensate for the relevant impacts of the Proposal on threatened species must consider Schedule 4 of the EPBC Act (Attachment A).</p> <p>In addressing Matters of National Environmental Significance (MNES), the EIS should either incorporate a guidance table referencing the sections of the EIS in which relevant EPBC Act matters are addressed, or a dedicated EPBC Act Chapter that addresses all relevant EPBC Act matters.</p>
Monitoring and reporting	Address, at a minimum, a plan for monitoring completion criteria for terrestrial flora and fauna in the Proposal area.
Residual impact	<p>Provide a statement of the expected condition of terrestrial flora and fauna values when the completion criteria for this factor are met.</p> <p>Assess the significance of any residual impact of the Proposal to identified values, in consideration of the information requirements in Attachment A.</p> <p>In the event that significant residual impacts remain for listed threatened species and/or the environment following application of the proposed mitigation measures, offsets should be proposed. Should this be required, the proponent must include details of a proposed offset package to be implemented to compensate for the residual significant impact of the Proposal and an analysis of how the offset meets the requirements of the Department of the Environment and Energy EPBC Act Offsets Policy.<sup>5</sup></p>

### 2.2.2 Terrestrial environmental quality

Provide sufficient information to enable assessment of whether the Proposal is likely to meet the NT EPA’s Proposal-specific environmental objective to improve the quality of land and soils so that environmental values are protected. Information requirements outlined in Table 5 below should be read in consideration of the general advice provided in section 2.6 of the NT EPA General Guidance for Proponents Preparing an EIS.

<sup>3</sup> Obligations under the Weeds Management Act 2001 and relevant Statutory Weed Management Plans must be met.

<sup>4</sup> Through application of the mitigation hierarchy, in order of preference: Avoid, minimise, restore and/or offset. See Cross Sector Biodiversity Initiative, 2015. Cross-sector guide for implementing the mitigation hierarchy: <https://www.icmm.com/en-gb/publications/biodiversity/a-cross-sector-guide-for-implementing-the-mitigation-hierarchy>

<sup>5</sup> Department of Sustainability, Environment, Water, Population and Communities, 2012. *Environment Protection and Biodiversity Conservation Act 1999 Environmental Offsets Policy*. Australian Government, Canberra, Australia. Available at: <http://www.environment.gov.au/epbc/publications/epbc-act-environmental-offsets-policy>

**Table 5: Minimum information required for assessment of terrestrial environmental quality**

<b>Aspect</b>	<b>Specific information required</b>
Environmental values	<p>Describe the terrestrial environmental values within the Proposal area that could be potentially impacted by the Proposal, including:</p> <ul style="list-style-type: none"> <li>• regional and significant topography, geomorphology and geology including faults</li> <li>• soil types and land units, including a summary of expected natural elevations of minerals in the terrestrial environment</li> </ul>
Potential impacts and risks	<p>Quantify and/or discuss the potential impacts of the Proposal, related to:</p> <ul style="list-style-type: none"> <li>• erosion of land/soils and the movement of sediment</li> <li>• possible release of hazardous substances and subsequent contamination, with reference to the volumes of each hazardous material (including hydrocarbons) to be used/stored on site</li> <li>• generation and release of contaminants from historic waste materials, including for the long term post-rehabilitation period</li> <li>• long term stability of landforms considering erosion and seismic activity</li> </ul> <p>The discussion must refer to a material characterisation that identifies the existing extent of AMD or other contaminants or materials that present risks to the environment from mined materials, including a comprehensive classification of waste rock, tailings and other materials in accordance with the NT EPA's Environmental Assessment Guidelines for Acid and Metalliferous Drainage (NT EPA 2013a) and best practice guidance to characterise AMD.</p>
Mitigation and management	<p>Address<sup>6</sup> all potential impacts identified above in accordance with the mitigation hierarchy to meet established completion criteria.</p>
Monitoring and reporting	<p>Address, at a minimum:</p> <ul style="list-style-type: none"> <li>• monitoring and reporting of results of contaminated site remediation</li> <li>• monitoring of rehabilitation completion criteria that includes: <ul style="list-style-type: none"> <li>○ use of recognised or acceptable monitoring methodologies and standards</li> <li>○ monitoring that takes into account the wider receiving environments, receptors and exposure pathways</li> <li>○ monitoring using appropriate quality control systems and procedures in sampling, analysis and reporting of results</li> <li>○ predicted timeframe for each monitoring program to demonstrate that completion criteria have been met</li> <li>○ performance indicators to monitor the trajectory for meeting completion criteria</li> <li>○ planned maintenance programs (e.g. weed and fire management, revegetation, minor remedial earthworks)</li> <li>○ contingency strategies, should monitoring data indicate key environmental performance indicators have moved outside the agreed trajectory for achieving completion criteria</li> </ul> </li> </ul>

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<sup>6</sup> Potentially as part of management plans (e.g. an AMD Management Plan)

Aspect	Specific information required
	Provide comment on the National Environment Protection (Assessment of Site Contamination) Measure 1999 and how it might apply to this Proposal in the context of completion and final land use.
Residual impact	Provide a statement of the expected environmental condition of the Proposal area when the completion criteria for this factor are met and assess the significance of any residual impact from the Proposal to identified values.

### 2.2.3 Hydrological processes

Provide sufficient information to enable assessment of whether the Proposal is likely to meet the NT EPA's Proposal-specific environmental objective to improve the hydrological regimes of groundwater and surface water so that environmental values are protected. Information requirements outlined in Table 6 below should be read in consideration of the general advice provided in section 2.6 of the NT EPA General Guidance for Proponents Preparing an EIS.

**Table 6: Minimum information required for assessment of Hydrological processes**

Aspect	Specific information required
Environmental values	<p>Characterise the current hydrological regime of the Proposal area and receiving waterways that are impacted by previous mining and rehabilitation activities, using maps and/or schematic diagrams of flow directions where applicable, including:</p> <ul style="list-style-type: none"> <li>• the surface water hydrology, such as: <ul style="list-style-type: none"> <li>○ major and minor rivers, drainage lines and wetlands (permanent and ephemeral) including diversions</li> <li>○ surface water flow directions and rates, based on field data and modelled data including assumptions</li> <li>○ water reservoirs (natural and artificial)</li> <li>○ beneficial uses</li> </ul> </li> <li>• groundwater aquifers and hydrogeological properties, including: <ul style="list-style-type: none"> <li>○ groundwater flows and connectivity (considering seasonal variation) between existing pits, waste rock dumps and the surrounding groundwater environment</li> <li>○ groundwater behaviour in the vicinity of the proposed waste storage facilities and pits</li> <li>○ surface connections via springs or recharge zones including assumptions</li> <li>○ local and regional aquifers</li> <li>○ depth to water tables, including temporal variation</li> </ul> </li> </ul>
Potential impacts and risks	<p>Quantify and/or discuss the potential impacts during construction of the Proposal and post-rehabilitation, including a comparison of options such as the proposed flow-through pit with retention of the current diversion, related to:</p> <ul style="list-style-type: none"> <li>• altered surface water flow pathways, volumes and timing (seasonality)</li> </ul>

Aspect	Specific information required
	<ul style="list-style-type: none"> <li>• impacts to the site and consequences of the 1% annual exceedance probability (AEP)<sup>7</sup> Riverine flooding from the East Branch of the Finnis River and other water courses</li> <li>• any groundwater drawdown</li> <li>• volumes of discharge to the environment (ground or surface) from the pit lakes</li> <li>• availability of surface water and groundwater resources to other persons and the environment</li> </ul>
Mitigation and management	Address all potential impacts identified above in accordance with the mitigation hierarchy to meet established completion criteria.
Monitoring and reporting	Address, at a minimum: <ul style="list-style-type: none"> <li>• groundwater levels and flows (rate and direction)</li> <li>• surface water volumes and flow rates</li> <li>• connectivity between groundwater and surface water systems</li> </ul>
Residual impact	Provide a statement of the expected environmental condition of the Proposal area when the completion criteria for Hydrological processes are met and assess the significance of any residual impact from the Proposal to identified values.

#### 2.2.4 Inland water environmental quality

Provide sufficient information to enable assessment of whether the Proposal is likely to meet the NT EPA's Proposal-specific environmental objective to improve the quality of groundwater and surface water so that environmental values including ecological health, land uses, and the welfare and amenity of people are protected. Information requirements outlined in Table 7 below should be read in consideration of the general advice provided in section 2.6 of the NT EPA General Guidance for Proponents Preparing an EIS.

**Table 7: Minimum information required for assessment of inland water environmental quality**

Aspect	Specific information required
Environmental values	Describe the values associated with the quality of surface water and groundwater within and downstream of the Proposal area that are proposed to be restored, such as the beneficial uses declared for receiving waters (including a map of any beneficial use areas).
Potential impacts and risks	<p>Analyse and quantify historic impacts to water quality within and downstream of the Proposal area including the flows and loads of contaminants from current waste rock dumps and pits.</p> <p>Quantify and/or discuss the potential impacts of implementing the Proposal and post-rehabilitation, related to:</p> <ul style="list-style-type: none"> <li>• passive discharge or seepage of non-benign contaminants from historic or Proposal-related mine waste storages<sup>8</sup>, including:             <ul style="list-style-type: none"> <li>○ the release of water from the Proposal area through unintended loss of control/containment or intended discharge</li> </ul> </li> </ul>

<sup>7</sup> Determination of the existing 1% AEP event conditions and the post-rehabilitation 1% AEP conditions should be undertaken by a suitably qualified individual with reference to the latest Australian Rainfall and Runoff guidelines

<sup>8</sup> This may refer to an AMD management plan

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Aspect	Specific information required
	<ul style="list-style-type: none"> <li>○ potential unintended release of any hazardous substances (including hydrocarbons)</li> <li>○ saline drainage from lime-amended waste rock</li> <li>● erosion and sediment loads in stormwater during seasonal and extreme rainfall events</li> </ul> <p>This should be supported by a conceptual site model describing sources of potential contaminants, mechanisms for their release, transport pathways, receptors, and fate of any potentially contaminated waters from the Proposal, with reference to the NT EPA Guidelines on Conceptual Site Models (NT EPA 2013c).</p> <p>An assessment of cumulative impacts to the receiving environment should be undertaken that considers the potential impacts to the Proposal's objectives from existing developments and reasonably foreseeable future developments.</p>
Mitigation and management	<p>Provide a Water Management Plan (WMP) to demonstrate that the potential impacts identified above will be sufficiently addressed to meet established completion criteria, including:</p> <ul style="list-style-type: none"> <li>● predicted post-rehabilitation flows and loads of contaminants from proposed waste storage facilities and pits</li> <li>● methodologies for treating any poor-quality water requiring discharge</li> <li>● sufficient detail to demonstrate that rehabilitation strategies will effectively ensure values dependent on good water quality achieve agreed performance indicators and completion criteria, both during construction and into the long-term</li> </ul> <p>The WMP should undergo a process of peer review by an independent, appropriately qualified expert with a peer review report included as an attachment to the WMP.</p>
Monitoring and reporting	<p>Address and include a monitoring plan for the Proposal (including post-rehabilitation) for:</p> <ul style="list-style-type: none"> <li>● pit lakes</li> <li>● groundwater in the vicinity of the Proposal and downstream</li> <li>● surface water in the vicinity of the Proposal and downstream</li> </ul> <p>The monitoring plan should include:</p> <ul style="list-style-type: none"> <li>● groundwater contour mapping</li> <li>● methods to monitor for impacts on surface and groundwater quality</li> <li>● water quality performance indicators triggering management actions</li> <li>● contingencies to be implemented should monitoring identify an unacceptable impact</li> <li>● provisions to notify and respond to environmental and human health risks associated with water quality, or other water related emergency</li> </ul>
Residual impact	<p>Provide a statement of the expected water quality as a result of the Proposal when the completion criteria for this factor are met and assess the significance of any residual impact from the Proposal to identified values.</p>

### 2.2.5 Aquatic ecosystems

Provide sufficient information to enable assessment of whether the Proposal is likely to meet the NT EPA’s Proposal-specific environmental objective to restore aquatic ecosystems to maintain the biological diversity of flora and fauna and the ecological functions they perform. Information requirements outlined in Table 8 below should be read in consideration of the general advice provided in section 2.6 of the NT EPA General Guidance for Proponents Preparing an EIS.

**Table 8: Minimum information required for assessment of aquatic ecosystems**

<b>Aspect</b>	<b>Specific information required</b>
Environmental values	<p>Describe the values of all aquatic ecosystems in the area where hydrological processes and inland water environmental quality may be impacted by the Proposal. This is to include:</p> <ul style="list-style-type: none"> <li>• a map delineating the area of existing impact</li> <li>• distribution and abundance or extent of aquatic ecosystems within the impacted area and any comparable control areas</li> <li>• baseline data (current condition) from aquatic ecosystems downstream of the Proposal that are sufficiently statistically robust to determine ecosystem recovery or detect any impacts to these ecosystems as a result of rehabilitation activities</li> </ul>
Potential impacts and risks	<p>Quantify and/or discuss the potential impacts during construction of the Proposal and post-rehabilitation, related to:</p> <ul style="list-style-type: none"> <li>• changes, in comparison to the current condition, in the distribution, abundance or health of aquatic ecosystems and their constituent taxa due to (at a minimum): <ul style="list-style-type: none"> <li>○ changes to hydrological processes (including reduction or increase in surface water flows or ephemeral pools)</li> <li>○ changes in water quality (including from erosion/sedimentation and contamination of water resources)</li> </ul> </li> </ul>
Mitigation and management	<p>Address all potential impacts identified above in accordance with the mitigation hierarchy to meet established completion criteria.</p> <p>Discuss and justify the proposed level/s of protection to be adopted for aquatic ecosystems in accordance with ANZG (2018) within reaches of the Finnis River impacted by the activities on and off site.</p>
Monitoring and reporting	<p>Address and include a monitoring plan for, at a minimum:</p> <ul style="list-style-type: none"> <li>• water availability (quantity and quality) for aquatic ecosystems</li> <li>• distribution, abundance and/or health of aquatic ecosystems and constituent taxa</li> </ul>
Residual impact	<p>Provide a statement of the expected aquatic ecosystem condition as a result of the Proposal when the completion criteria for this factor are met and assess the significance of any residual impact from the Proposal to identified values.</p>

### 2.2.6 Social, economic and cultural surroundings

Provide sufficient information to enable assessment of whether the Proposal is likely to meet the NT EPA’s Proposal-specific environmental objective to protect the rich social, economic, cultural and heritage values of the Northern Territory. Information requirements outlined in Table 9 below should be read in consideration of the general

advice provided in section 2.6 of the NT EPA General Guidance for Proponents Preparing an EIS.

The description of values and assessment of potential impacts in this factor should take into account the community's views on these matters, as understood by the proponent from stakeholder and community engagement undertaken in accordance with section 2.4 of the NT EPA General Guidance for Proponents Preparing an EIS.

**Table 9: Minimum information required for assessment of Social, economic and cultural surroundings**

<b>Aspect</b>	<b>Specific information required</b>
Environmental values	<p>Describe, using maps where appropriate, the existing social, economic and cultural values of the region, including:</p> <ul style="list-style-type: none"> <li>• population and demographics of the Proposal area and nearby towns, using the most recent statistics</li> <li>• economy in the region such as tourism and recreation, pastoral, horticultural and mineral industries</li> <li>• areas listed on Australian Government and Northern Territory Government registers of natural, historic and/or cultural heritage</li> <li>• a description and location of Aboriginal and non-Aboriginal sites, places or objects of historic or cultural heritage value</li> <li>• laws, customs and/or culture of the Traditional Owners and Custodians, including utilisation of Proposal areas and spiritual/cultural significance of potentially affected areas, to establish a baseline for aspects of traditional Aboriginal culture</li> <li>• Survey and map the location of large and multi-stemmed cycad trees and large <i>Livistonia humilis</i> within proximity of the proposal.</li> </ul>
Potential impacts and risks	<p>Quantify and/or discuss the following potential impacts for the Proposal, including post-rehabilitation:</p> <ul style="list-style-type: none"> <li>• social and economic value and potential benefits and impacts of the Proposal on the region and more broadly, where relevant, including: <ul style="list-style-type: none"> <li>○ training and employment opportunities, including for Aboriginal people</li> <li>○ changes to economic and social activity in Batchelor and the region, which may have positive and/or negative impacts on local people</li> <li>○ impacts on public road networks and users<sup>9</sup></li> </ul> </li> <li>• biophysical and intangible (e.g. amenity or access) changes to sacred sites, heritage objects or places<sup>10</sup> or other places with identified cultural or social values</li> <li>• details of the significance of potential risks to implementation of the Proposal and associated mitigation measures, including the capacity to cost for rehabilitation and ongoing monitoring/maintenance activities</li> </ul>

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<sup>9</sup> A Traffic Impact Assessment and Traffic Management Plan should be developed in accordance with the Austroads Guide to Traffic Management

<sup>10</sup> Outline the status of any declarations, agreements or approvals in relation to the protection of heritage objects or places under the Heritage Act 2011

Aspect	Specific information required
Mitigation and management	<p>Address<sup>11</sup> all potential impacts identified above and include:</p> <ul style="list-style-type: none"> <li>• identification and management of potential local and regional business and employment opportunities related to the Proposal</li> <li>• strategies for engaging with local Aboriginal communities to facilitate employment including identification of suitable roles, how training may be delivered, and how cultural values would be accommodated</li> <li>• assessment criteria that would give early warning in the event that management measures are not achieving the expected benefits or are not avoiding negative impacts</li> <li>• procedures that would be implemented in the event that any objects or places of heritage and/or cultural significance (additional to those identified in the EIS) are identified during implementation of the Proposal</li> <li>• measures to avoid impacts to sacred sites<sup>12</sup></li> <li>• an outline of a plan for ongoing stakeholder engagement</li> </ul>
Monitoring and reporting	<p>Address, at a minimum:</p> <ul style="list-style-type: none"> <li>• social and economic benefits and impacts</li> <li>• condition of cultural sites</li> </ul>
Residual impacts	<p>Assess the significance of any residual impacts of the Proposal to identified values for Social, economic and cultural surroundings, and discuss how such impacts may affect the achievement of completion criteria for this factor.</p>

### 2.2.7 Human health

Provide sufficient information to enable assessment of whether the Proposal is likely to meet the NT EPA's Proposal-specific environmental objective to ensure that the risks to human health are identified, understood and adequately avoided and/or mitigated. Information requirements outlined in Table 10 below should be read in consideration of the general advice provided in section 2.6 of the NT EPA General Guidance for Proponents Preparing an EIS.

**Table 10: Minimum information required for assessment of Human health**

Aspect	Specific information required
Environmental values	Describe the sensitive human receptors within and outside the Proposal area that may be impacted, both during construction and into the long term following rehabilitation.
Potential impacts and risks	<p>Quantify and/or discuss the following potential impacts for the Proposal, including post-rehabilitation:</p> <ul style="list-style-type: none"> <li>• Radiological impacts including: <ul style="list-style-type: none"> <li>○ details of radiation dose potential from Proposal elements to human health including consideration of exposure due to all pathways: radon</li> </ul> </li> </ul>

<sup>11</sup> Potentially as part of management plans (e.g. a draft Economic and Social Impact Management Plan, Cultural Heritage Management Plan)

<sup>12</sup> Provide evidence that an Authority Certificate has been obtained or is under application in accordance with the Northern Territory Aboriginal Sacred Sites Act (NTASS Act)

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Aspect	Specific information required
	<p>and its decay products, radioactive particles in dust, and alpha and gamma radiation</p> <ul style="list-style-type: none"> <li>○ assessment of potential radiation dose delivered via the consumption of local commonly-utilised bush foods and/or livestock where applicable</li> <li>○ potential for radioactive elements to concentrate and partition in waste rock disposal facilities and waste rock disposal facility seepage / discharges.</li> </ul> <ul style="list-style-type: none"> <li>● the potential impacts and risks during the construction and post-rehabilitation phases of the Proposal associated with: <ul style="list-style-type: none"> <li>○ fire, including combustible materials and wildfire</li> <li>○ emergency situations and exclusions/evacuation zones</li> <li>○ increased traffic and use of existing road networks</li> <li>○ hazardous materials exposure, including asbestos and other contaminant sources</li> </ul> </li> </ul>
Mitigation and management	<p>Address<sup>13</sup> all potential impacts identified above and include:</p> <ul style="list-style-type: none"> <li>● proposed measures to identify, avoid, mitigate and monitor for radiation impacts from the Proposal</li> <li>● emergency plans and response procedures developed as a contingency in the event of an emergency or accident (e.g. chemical spillages, leaks, fire and explosions, traffic accident) that may impact on the Proposal area, its surrounds, personnel or the public.</li> </ul> <p>MNES should be addressed either through referencing relevant EIS sections in a guidance table or including a dedicated EPBC Act Chapter that addresses all relevant EPBC Act matters.</p>
Monitoring and reporting	<p>Address, at a minimum:</p> <ul style="list-style-type: none"> <li>● a radiation-monitoring program that includes radiation monitoring for a critical group. The radiation dose to the critical group is estimated from modelling that requires a discharge-source term</li> <li>● a monitoring and reporting program to determine the effectiveness of mitigation measures, including identification of when further action is required and outline contingency measures should the proposed mitigation measures not meet outcomes expected and identified by the proponent</li> <li>● a systematic hazard and risk review process to assess the effectiveness of proposed measures in meeting objectives of a radiation management plan and completion criteria</li> <li>● responsibilities and liabilities in an emergency event.</li> </ul>
Residual impacts	<p>Provide a statement of the expected condition of the Proposal area when the completion criteria for this factor are met and assess the significance of any residual impact to human health post-rehabilitation.</p>

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<sup>13</sup> Potentially as part of management plans (e.g. Radiation Management Plan)

## PART 3 OTHER REQUIREMENTS FOR THE DRAFT EIS

### 3.1 Relevant guidance material / References

As outlined in section 3.1.3 of the NT EPA General Guidance for Proponents Preparing an EIS, the proponent is expected to refer to guidance material considered relevant to the Proposal. A list of such material is provided below, but is not exhaustive. The NT EPA expects the proponent to refer to the most up-to-date and relevant evidence-based information.

- ANZG 2018. Australian and New Zealand Guidelines for Fresh and Marine Water Quality. Australian and New Zealand Governments and Australian state and territory governments, Canberra ACT, Australia. Available at [www.waterquality.gov.au/anz-guidelines](http://www.waterquality.gov.au/anz-guidelines)
- Austroads, 2016. Guide to Traffic Management Part 12: Traffic Impacts of Development.
- Barnett B., Townley L.R., Post V., Evans R. E., Hunt R. J., Peeters L., Richardson S., Werner A. D., Knapton A. and Boronkay A., 2012. Australian Groundwater Modelling Guidelines, Waterlines Report. National Water Commission, Canberra.
- Commonwealth of Australia, 2016. Preventing Acid and Metalliferous Drainage – Leading Practice Sustainable Development Program for the Mining Industry.
- Commonwealth of Australia, 2013. Significant Impact Guidelines 1.1 – Matters of National Environmental Significance.
- Commonwealth of Australia, 2012. Aquatic ecosystems toolkit. Department of Sustainability, Environment, Water, Population and Communities.
- Commonwealth of Australia, 2010 – 2014. Survey Guidelines for Nationally Threatened Species, available at <http://www.environment.gov.au/epbc/policy-statements>
- Department of Environment and Natural Resources' NT Flora and Fauna Atlases at <http://www.lrm.nt.gov.au/nrmmapsnt>
- DoH, 2018. Health requirements for mining and construction. Department of Health, Environmental Health Branch. Available at: <https://www.nt.gov.au/property/building-and-development/health-and-safety/health-requirements-mining-construction-projects>. Last updated 1 March 2018.
- DoH, 2014. Code of practice for on-site wastewater management. Department of Health, Northern Territory Government.
- DoH, 2005. Guidelines for preventing mosquito breeding sites associated with mining sites. Medical Entomology, Department of Health. Northern Territory Government.
- IECA 2008. Best Practice Erosion and Sediment Control Guidelines. Picton NSW: International Erosion Control Association.
- INAP, 2009. The Global Acid Rock Drainage Guide (incorporating best practices and technology to address acid and metalliferous drainage issues). International Network for Acid Prevention.

- MCA, 2014. Water accounting framework for the minerals industry – User guide. Minerals Council of Australia.
- NT EPA, 2019a. General guidance for proponents preparing an environmental impact statement. Northern Territory Environment Protection Authority, Darwin.
- NT EPA, 2019b. Statement of Reasons: Department of Primary Industry and Resources – Rehabilitation of the former Rum Jungle mine site. Northern Territory Environment Protection Authority.
- NT EPA, 2019c. Guidance for proponents – stakeholder engagement. Northern Territory Environment Protection Authority, Darwin.
- NT EPA, 2018a. Environmental Factors and Objectives. Northern Territory Environmental Protection Authority.
- NT EPA, 2018b. Guidance on adaptive management. Northern Territory Environment Protection Authority.
- NT EPA, 2018c. Opportunities and timeframes for community engagement in the environmental impact assessment process: Information for proponents and the public. Northern Territory Environment Protection Authority.
- NT EPA, 2013a. Environmental Assessment Guidelines on Acid and Metalliferous Drainage (AMD). Northern Territory Environment Protection Authority.
- NT EPA, 2013b. Guidelines for Assessment of Impacts on Terrestrial Biodiversity. Northern Territory Environment Protection Authority.
- NT EPA, 2013c. Guideline on Conceptual Site Models. Northern Territory Environment Protection Authority.
- NT EPA, 2013d. Guidelines for the Siting, Design and Management of Solid Waste Disposal Sites in the NT. Northern Territory Environment Protection Authority.

## **3.2 Public exhibition requirements**

The public exhibition requirements are outlined in section 3.5.3 of the NT EPA General Guidance for Proponents Preparing an EIS. In addition to the NT News, the Proponent is to advertise in The Australian that the Draft EIS is available for review and comment. Additional specific details are provided below.

### **3.2.1 Exhibition period**

The NT EPA proposes an six (6) week public exhibition period for the Draft EIS. This will be confirmed or adjusted during the Draft EIS pre-lodgement phase. Where the exhibition period falls over Christmas or New Year, the period will be extended.

### **3.2.2 Exhibition locations**

The Draft EIS should be provided to and be made available for public exhibition at:

- NT EPA, Level 1, Arnhemica House, 16 Parap Road, Parap
- Department of Primary Industry and Resources, 3<sup>rd</sup> Floor, Paspalis Centrepoint, 48 Smith Street Mall, Darwin
- Northern Territory Library, Parliament House, Darwin

- Environment Centre Northern Territory, Unit 3, 98 Woods St, Darwin.
- Northern Land Council, 45 Mitchell St, Darwin
- Coomalie Community Government Council, 141 Cameron Road, Batchelor
- Charles Darwin University, Palmerston campus
- Adelaide River Post Office

## Attachment A - The objects and principles of the Environment Protection and Biodiversity Conservation Act 1999

### 3 Objects of the Act

- (a) to provide for the protection of the environment, especially those aspects of the environment that are matters of national environmental significance; and
- (b) to promote ecologically sustainable development through the conservation and ecologically sustainable use of natural resources; and
- (c) to promote the conservation of biodiversity; and
- (d) to provide for the protection and conservation of heritage; and
- (e) to promote a co-operative approach to the protection and management of the environment involving governments, the community, land-holders and indigenous peoples; and
- (f) to assist in the co-operative implementation of Australia's international environmental responsibilities; and
- (g) to recognise the role of indigenous people in the conservation and ecologically sustainable use of Australia's biodiversity; and
- (h) to promote the use of indigenous peoples' knowledge of biodiversity with the involvement of, and in co-operation with, the owners of the knowledge.

### 3A Principles of Ecologically Sustainable Development

The following principles are *principles of ecologically sustainable development*.

- (a) Decision-making processes should effectively integrate both long-term and short-term economic, environmental, social and equitable considerations.
- (b) If there are threats of serious or irreversible environmental damage, lack of full scientific certainty should not be used as a reason for postponing measures to prevent environmental degradation.
- (c) The principle of inter-generational equity – that the present generation should ensure that the health, diversity and productivity of the environment is maintained or enhanced for the benefit of future generations.
- (d) The conservation of biological diversity and ecological integrity should be a fundamental consideration in decision-making.
- (e) Improved valuation, pricing and incentive mechanisms should be promoted.

## Attachment B – Matters that must be addressed by draft public environment report and environmental impact statement

(Schedule 4 of the Environment Protection and Biodiversity Conservation Regulations 2000)

### 1 General information

1.01 The background of the action including:

- (a) the title of the action;
- (b) the full name and postal address of the designated proponent;
- (c) a clear outline of the objective of the action;
- (d) the location of the action;
- (e) the background to the development of the action;
- (f) how the action relates to any other actions (of which the proponent should reasonably be aware) that have been, or are being, taken or that have been approved in the region affected by the action;
- (g) the current status of the action;
- (h) the consequences of not proceeding with the action.

### 2 Description

2.01 A description of the action, including:

- (a) all the components of the action;
- (b) the precise location of any works to be undertaken, structures to be built or elements of the action that may have relevant impacts;
- (c) how the works are to be undertaken and design parameters for those aspects of the structures or elements of the action that may have relevant impacts;
- (d) relevant impacts of the action;
- (e) proposed safeguards and mitigation measures to deal with relevant impacts of the action;
- (f) any other requirements for approval or conditions that apply, or that the proponent reasonably believes are likely to apply, to the proposed action;
- (g) to the extent reasonably practicable, any feasible alternatives to the action, including:
  - i. if relevant, the alternative of taking no action;
  - ii. a comparative description of the impacts of each alternative on the matters protected by the controlling provisions for the action;
  - iii. sufficient detail to make clear why any alternative is preferred to another;
- (h) any consultation about the action, including:
  - i. any consultation that has already taken place;

- ii. proposed consultation about relevant impacts of the action;
- iii. if there has been consultation about the proposed action — any documented response to, or result of, the consultation;
- iv. identification of affected parties, including a statement mentioning any communities that may be affected and describing their views.

### **3 Relevant impacts**

3.01 Information given under paragraph 2.01(d) must include

- (a) a description of the relevant impacts of the action;
- (b) a detailed assessment of the nature and extent of the likely short term and long term relevant impacts;
- (c) a statement whether any relevant impacts are likely to be unknown, unpredictable or irreversible;
- (d) analysis of the significance of the relevant impacts;
- (e) any technical data and other information used or needed to make a detailed assessment of the relevant impacts.

### **4 Proposed safeguards and mitigation measures**

4.01 Information given under paragraph 2.01(e) must include:

- (a) a description, and an assessment of the expected or predicted effectiveness of, the mitigation measures;
- (b) any statutory or policy basis for the mitigation measures;
- (c) the cost of the mitigation measures;
- (d) an outline of an environmental management plan that sets out the framework for continuing management, mitigation and monitoring programs for the relevant impacts of the action, including any provisions for independent environmental auditing;
- (e) the name of the agency responsible for endorsing or approving each mitigation measure or monitoring program;
- (f) a consolidated list of mitigation measures proposed to be undertaken to prevent, minimise or compensate for the relevant impacts of the action, including mitigation measures proposed to be taken by State governments, local governments or the proponent.

### **5 Other Approvals and Conditions**

5.01 Information given under paragraph 2.01(f) must include:

- (a) details of any local or State government planning scheme, or plan or policy under any local or State government planning system that deals with the proposed action, including:
  - i. what environmental assessment of the proposed action has been, or is being carried out under the scheme, plan or policy;
  - ii. how the scheme provides for the prevention, minimisation and management of any relevant impacts;

- (b) a description of any approval that has been obtained from a State, Territory or Commonwealth agency or authority (other than an approval under the Act), including any conditions that apply to the action;
- (c) a statement identifying any additional approval that is required;
- (d) a description of the monitoring, enforcement and review procedures that apply, or are proposed to apply, to the action.

## **6 Environmental record of person proposing to take the action**

6.01 Details of any proceedings under a Commonwealth, State or Territory law for the protection of the environment or the conservation and sustainable use of natural resources against:

- (a) the person proposing to take the action; and
- (b) for an action for which a person has applied for a permit, the person making the application.

6.02 If the person proposing to take the action is a corporation — details of the corporation's environmental policy and planning framework.

## **7 Information sources**

7.01 For information given the PER/EIS must state:

- (a) the source of the information; and
- (b) how recent the information is; and
- (c) how the reliability of the information was tested; and
- (d) what uncertainties (if any) are in the information.