

Section 21

Commitments

21.1 Rehabilitation and Mine Closure

Terra Gold commits to rehabilitation in accordance with an approved RMCP.

Terra Gold commits to monitoring rehabilitation success with the aim of continually improving the quality of its rehabilitation and closure outcomes.

Terra Gold commits to consulting with relevant stakeholders on the potential use of the pit voids and mine water dam for stock watering, and whether or not to fence the pit voids and mine water dam around the abandonment bunds.

Terra Gold commits to documenting rehabilitation and closure requirements into a RMCP, consistent with DPIFM requirements for rehabilitation and closure, and to accounting for rehabilitation and mine closure costs. An outline of the RMCP will be included in the MMP.

21.2 Geology, Soils and Landform

Terra Gold commits to undertake effective sediment and erosion control.

21.3 Groundwater

Terra Gold commits to the development of a Local Participation Plan to maximise local employment and procurement opportunities.

Terra Gold commits to ongoing sponsorship of community events where appropriate.

Terra Gold commits to ongoing funding for two university scholarships a year in selected mining industry disciplines.

Terra Gold commits to consulting with stakeholders as required to address community concerns.

21.4 Surface Water

Terra Gold commits to implementing a water management system that does not directly discharge to the creek system.

Terra Gold commits to monitoring to detect surface water quality impacts on Maud Creek.

Terra Gold commits to monitoring and inspecting the irrigation system to demonstrate sustainable operation.

Terra Gold commits to inspecting and completing any maintenance required for bunds that surround the operational area and the creek systems.

Terra Gold commits to giving high priority to remediating any breach that compromises the integrity of the mine water management system.

21.5 Flora

Terra Gold commits to minimising the area to be cleared during construction and mining operations.

Terra Gold commits to applying recognised best practice in its revegetation program.

Terra Gold commits to minimising dust impacts on native vegetation by regularly watering haul roads and run of mine areas to control dust.

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Terra Gold commits to an active weed management and mitigation program for the project area.

Terra Gold commits to an active fire management program incorporating fuel reduction burns, fire break maintenance and control of high fire risk pasture grasses around the mine site to minimise the risk of hot wildfires, and to enhance biodiversity values where appropriate.

Terra Gold commits to managing the rate of water application to irrigated land so as to prevent land degradation, and potential off site environmental impacts.

21.6 Fauna

With respect to protecting terrestrial habitat:

Terra Gold commits to minimising areas of disturbance, particularly where native trees and vegetation exist.

Terra Gold commits to providing a buffer area of at least 50 m between the proposed new access road and the limestone karst areas along the alternative road access alignment.

Terra Gold commits to retaining large trees as nesting and refuge habitat where this is practical.

Terra Gold commits to conducting fuel reduction burns around the mine site during mining operations to minimise the risk of hot wildfires, and provide a spatial diversity of habitat structures.

Terra Gold commits to a 60 km/hr speed limit along access roads to the mine to minimise risk of injury to animals from mine vehicles.

Terra Gold commits to fencing off the mining area, and installing cattle grids on the access roads, to prevent entry to the site by buffalo and cattle.

Terra Gold commits to removing cattle and water buffalo from the project area during operation of the mine.

Terra Gold commits to reporting any identified mammal deaths and injuries that result from mining operations, and implementing mitigation strategies where required.

Terra Gold commits to assessing the quality of the water in the pit void for its suitability as a water source for livestock and native animals after mine closure, and to fencing off the pit void if it is unsuitable for drinking by animals.

Terra Gold commits to appropriate waste management strategies that reduce the population of feral animals on the mine site.

Terra Gold commits to controlling feral animals (buffaloes, pigs) and weeds in the vicinity of the mine.

With respect to protecting aquatic habitat:

Terra Gold commits to not realigning Gold Creek as part of this mine development.

Terra Gold commits to buffering disturbed areas as far as practicable from the creek system and intercepting drainage from disturbed areas before it enters the creek.

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21.7 Nitmiluk National Park

Terra Gold commits to ongoing, regular consultation with the Nitmiluk National Park Board, to ensure that any potential impacts of the mining operation on the Park's natural, cultural or tourism values are identified and managed as appropriate.

Terra Gold commits to preventing access by company employees to the detached area of Nitmiluk National Park across Maud Creek.

21.8 Biting Insects

Terra Gold commits to advising all employees that pest and disease-carrying mosquito species will be periodically present at the Maud Creek mine site. Terra Gold will also provide advice on appropriate personal protection measures and ensure appropriate personal protection equipment is available in accordance with DHCS guidelines.

Terra Gold commits to ensuring that all water impoundments, access roads, sediment traps, pit dewatering activities, stockpile sites, and irrigation areas and mine infrastructure will be constructed and operated in accordance with DHCS guidelines.

Terra Gold commits to treating any equipment sourced from North Queensland that has previously held rainwater with a 10% chlorine solution or appropriate residual insecticide.

Terra Gold commits to the periodic inspections of artificial receptacles around the Maud Creek mine site in the wet season. Any receptacle that has the potential to retain water will be appropriately disposed of, stored under cover away from rain, will be fitted with drainage holes or treated with an appropriate larvicide, to prevent endemic mosquito breeding.

Terra Gold commits to the rehabilitation of Maud Creek mine site in accordance with DHCS guidelines.

21.9 Cultural and Historical Environment

Terra Gold commits to applying for Ministerial permission to disturb or destroy the three archaeological sites (Sites 1, 5 and MC13) and the various isolated artefacts that are located close to or within the development footprint.

Terra Gold commits to placing temporary fencing and signage around Sites 2, 3, 4, and 6 to protect them from disturbance.

Terra Gold commits to implementing an Archaeological Chance-Find Procedure to direct mine staff, contractors and visitors in the event that suspected archaeological material is discovered during mine construction or operation.

Terra Gold commits to restricting staff access to areas of NNP that are closed to the general public.

21.10 Air Quality Noise and Greenhouse

Terra Gold commits to documenting and managing any complaints received about the mine's impact on air quality, noise and vibration using Terra Gold's incident reporting system.

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Terra Gold commits to using water trucks and sprayers as required during dry or windy conditions to suppress dust from mine vehicles/haul trucks, stockpile deposition and haulage activities.

Terra Gold commits to covering the truck trailers for ore transport to URGM.

Terra Gold commits to bituminising the gazetted section of the access road.

Terra Gold commits to installing soundproofing and/or noise abatement devices, where practicable.

Terra Gold commits to making hearing protection equipment available onsite in areas where noise reduction engineering controls are deemed ineffective or inappropriate.

Terra Gold commits to providing signage indicating areas of the operations where hearing protection is required to be worn.

Terra Gold commits to developing a program that monitors fuel and electricity use on a monthly basis.

Terra Gold commits to investigating options for increased energy efficiency through the life of operation of the project and during decommissioning.

21.11 Fire

Terra Gold commits to a 'No Unauthorised Fire' policy within the mine area.

Terra Gold commits to developing a fire response procedure for accidental fire ignition or wildfire, and to maintaining fire-fighting equipment and accessible water resources on site at all times.

Terra Gold commits to maintaining firebreaks around the mine site on a twice-yearly basis.

Terra Gold commits to controlling grassy weeds around the mine site that may increase the fuel load and alter fire regimes.

21.12 Socio-Economic Issues

Terra Gold commits to the development of a Local Participation Plan to maximise local employment and procurement opportunities.

Terra Gold commits to ongoing sponsorship of community events where appropriate.

Terra Gold commits to ongoing funding for two university scholarships a year in selected mining industry disciplines.

Terra Gold commits to consulting with stakeholders as required to address community concerns.

21.13 Traffic and Transport

Terra Gold commits to photographing the condition of Ross Road, prior to operations commencing, to provide a base level against which the road will be maintained once operations begin.

Terra Gold commits to finalising discussions with DPI regarding Stuart Highway and Ping Que Road and Ross Road intersection upgrades.

Terra Gold commits to implementing a thorough care and maintenance program during the operational period along the Ross Road section of the haulage route (if Ross Road is used).

Terra Gold commits to maintaining the road surfaces at the Stuart Highway intersections used by its ore haulage vehicles, if road conditions degrade due to heavy haulage.

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Terra Gold commits to imposing a speed limit of 40km/hr for its quad semi-trailer trucks from the Katherine river bridge to the information centre.

21.14 Waste and Hazardous Goods Management

Terra Gold commits to all health and environmental hazardous materials being disposed of in accordance with relevant legislation.

Terra Gold commits to the maintenance of mobile ablution facilities and sewage disposal in accordance with Department of Health and Community Services guidelines.

Terra Gold commits to utilising a mobile fuel tanker and bunding fuel storage areas in accordance with AS1940 - 2004 Storage and Handling of Flammable Liquids and Combustibles.

Terra Gold commits to storing and handling explosives in accordance with AS2187.1-1998 Explosives - Storage, transport and use.

Terra Gold commits to handling all hazardous and dangerous goods in accordance with the relevant MSDS. Copies of all relevant MSDSs will be held at Maud Creek mine site.

Terra Gold commits to storing all fuel, chemicals and hazardous materials as per relevant Australian Standards.

Terra Gold commits to transporting dangerous goods in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (1998)

Terra Gold commits to maintaining a register of all hazardous materials imported to the site or generated as a result of site activities at Maud Creek.

Terra Gold commits to training all personnel in the appropriate handling, storage, disposal and containment practices for chemicals and hazardous goods, as relevant to their position.

Terra Gold commits to providing all personnel with appropriate safety equipment required for the correct handling of hazardous materials.

Terra Gold commits to providing spill response kits at Maud Creek mine site.

Terra Gold commits to developing an Emergency Response Procedure to ensure that the appropriate action is taken to minimise the environmental impact caused by incidents involving hazardous materials.

Terra Gold commits to placing waste rock mined from the portal during construction of the decline and underground mine development into the base of the open-pit or into a temporary stockpile for later placement underground or within the pit void.

21.15 Risk Management

Terra Gold commits to an iterative process of risk assessment, where risks are reviewed on an ongoing basis to take account of changes in operational conditions, and community and stakeholder expectations.

Terra Gold commits to maintaining an emergency and crisis management system, providing a strategic framework for emergency prevention, as well as response in the event of an emergency situation.

Section 21**Commitments****21.16 Environmental Management System**

Terra Gold will implement an EMS at Maud Creek to enable systematic assessment and review of environmental impacts, targets and environmental performance measures with the aim of managing impacts in line with obligations and supporting continuous improvement.

Terra Gold will base its EMS on the AS/NZ ISO 14001:2004 Environmental Management System Standards, which are recognised worldwide and include a continuous improvement model.

21.17 Environmental Management Plans

Terra Gold will implement environmental management plans with the aim of reducing moderate to high level environmental risks and risks to public infrastructure, health and safety to a low level.

21.18 Stakeholder Involvement and Consultation

Terra Gold commits to maintaining stakeholder consultation by continuing to consult throughout the public review period and throughout the construction, operation and rehabilitation phase of the mining operations.

Terra Gold commits to developing a consultation strategy to ensure that current project information is delivered in a timely manner and in a way that is appropriate for all stakeholders.