Registration certificate

No: ENRE00912009

This registration certificate is issued by the administering authority and takes effect from: 11-AUG-2011.

The anniversary day for the purposes of the Annual Return remains: 21st APRIL.

This registration certificate is a requirement of section 73F of the *Environmental Protection Act 1994* and authorises the registered operator to undertake the activities listed below at the following place; subject to the conditions set out in a development approval IPDE01683009 attached to the premises, or the relevant code of environmental compliance.

Registered Operator:-
Northern Project Contracting Pty Ltd
T/A Northern Project Contracting Pty Ltd
PO Box 853
CAPALABA QLD 4157

Development Approval No:-
DERM Permit NO: IPDE01683009

Place:-
Mining leases 90045 and 90058 located approximately 250 kilometres north west of Mount Isa Lawn Hill on Lot 6 CP892014

Registered Activities: -
ERA 16 Extractive and screening activities Threshold 2(b) - extracting, other than by dredging, in a year, 5000t to 100000t of material
ERA 16 Extractive and screening activities Threshold 3(a) - screening, in a year, 5000t to 100000t of material

Delegate
Derek Robson
Department of Environment and Resource Management
Environmental Protection Act 1994

11-AUG-2011

Department of Environment and Resource Management
www.derm.qld.gov.au ABN 46 640 294 485

Queensland Government

ecoaccess
environmental licences and permits

Section 3.5.15 *Integrated Planning Act 1997*

DERM Permit[1] number: IPDE01683009

DERM Permit[1] number:	IPDE01683009
Assessment Manager reference:	335774
Date application received by DERM:	14-OCT-2009
Permit[1] Type:	Development Approval for a MCU involving an ERA
Date of Decision:	24 February 2010
Decision:	Granted with conditions
Relevant Laws and Policies:	Environmental Protection Act 1994 and any subordinate legislation

Development Description

Property	Lot/Plan	Aspect of Development
Century Mine Site Lawn Hill	Lot 6 Plan CP892041	ERA 16 Extractive and screening activities Threshold 2(b) - extracting, other than by dredging, in a year, 5000t to 100000t of material ERA 16 Extractive and screening activities Threshold 3(a) - screening, in a year, 5000t to 100000t of material

Additional comments or advice about the application

This development approval is for extraction and screening of stockpiled overburden material only, located within the Century Mine Site, Lawn Hill.

The Century Mine Site is located within a designated Wild Rivers Area (Gregory Wild River Area). Extraction must be carried out giving regard to the *Wild Rivers Act 2005* and relevant sub-ordinate legislation.

Additional information for applicants

The standard currency periods stated in section 3.5.21 of the Integrated Planning Act 1997 or the nominated currency period, apply to each aspect of development in this permit. For information on when this permit takes effect and the relevant currency periods, please see point 3 in the Notice of Decision.

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Department of Environment and Resource Management

Contaminated Land

It is a requirement of the *Environmental Protection Act 1994* that if an owner or occupier of land becomes aware a Notifiable Activity (as defined by Schedule 2 of the *Environmental Protection Act 1994*) is being carried out on the land or that the land has been affected by a hazardous contaminant, they must, within 30 days after becoming so aware, give notice to the Department of Environment and Resource Management.

Environmentally Relevant Activities

The aforementioned description of any environmentally relevant activity (ERA) for which this permit is issued is simply a restatement of the ERA as prescribed in the legislation at the time of issuing this permit. Where there is any conflict between the abovementioned description of the ERA for which this permit is issued and the conditions specified herein as to the scale, intensity or manner of carrying out of the ERA, then such conditions prevail to the extent of the inconsistency.

This permit authorises the ERA. It does not authorise environmental harm unless a condition within this permit explicitly authorises that harm. Where there is no such condition, or the permit is silent on a matter, the lack of a condition or silence shall not be construed as authorising harm.

In addition to this permit, the person to carry out the ERA must be a registered operator under the Environmental Protection Act 1994. For the person to become a registered operator, they must apply for a registration certificate under section 73F of the Environmental Protection Act 1994.

Mark Cavicchiolo
Principal Environmental Officer
Coastal, Quarry Material and Riverine Protection
North Region
Department of Environment and Resource Management

24-FEB-2010

CONDITIONS OF APPROVAL

Agency Interest: General

A1G1 Prevent and/or minimise likelihood of environmental harm.

In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and / or to minimise the likelihood of environmental harm being caused.

A1G2 Maintenance Of Measures, Plant and Equipment.

The operator of an ERA to which this approval relates must:
(a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and
(b) maintain such measures, plant and equipment in a proper and efficient condition; and
(c) operate such measures, plant and equipment in a proper and efficient manner.

A1G3 Site Based Management Plan.

From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in the overall environmental performance of all ERAs that are carried out.

The SBMP must address the following matters:
(a) Environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals.
(b) Identification of environmental issues and potential impacts.
(c) Control measures for routine operations to minimise likelihood of environmental harm.
(d) Contingency plans and emergency procedures for non-routine situations.
(e) Organisational structure and responsibility.
(f) Effective communication.
(g) Monitoring of contaminant releases.
(h) Conducting environmental impact assessments.
(i) Staff training.
(j) Record keeping.
(k) Periodic review of environmental performance and continual improvement.

A1G4 The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.

A1G5 Records.

Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.

A1G6 All records required by this approval must be kept for 5 years.

A1G7 Notification.

Telephone the DERM's Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.

A1G8 Information about spills

A written notice detailing the following information must be provided to DERM within 14 days of any advice provided in accordance with condition G7:

(a) the name of the operator, including their approval / registration number;
(b) the name and telephone number of a designated contact person;
(c) quantity and substance released;
(d) vehicle and registration details;
(e) person/s involved (driver and any others);
(f) the location and time of the release;
(g) the suspected cause of the release;
(h) a description of the effects of the release;
(i) the results of any sampling performed in relation to the release,
(j) actions taken to mitigate any environmental harm caused by the release; and
(k) proposed actions to prevent a recurrence of the release.

A1G9 Spill Kit.

An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site, and in each vehicle used if the activity is a mobile ERA.

A1G10 Spill Kit Training.

Anyone operating under this approval must be trained in the use of the spill kit.

Agency Interest: Air

A1A1 Nuisance.

The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.

A1A2 When requested by the administering authority, dust and particulate monitoring must be undertaken to investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within 14 days to the administering authority following completion of monitoring. Monitoring must be carried out at a place(s) relevant to the potentially affected dust sensitive place and at upwind control sites and must include:

a) for a complaint alleging dust nuisance, dust deposition; and
b) for a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere over a 24hr averaging time.

A1A3 Dust Nuisance.

The release of dust and/or particulate matter resulting from the ERA must not cause an environmental nuisance at any nuisance sensitive or commercial place.

Agency Interest: Land

A1L1 Land Rehabilitation.

The site (including all disturbed areas resulting from the activity) must be rehabilitated in a manner such that:
(a) suitable native species of vegetation are planted and established;
(b) potential for erosion of the site is minimised;
(c) the quality of stormwater, other water and seepage released from the site is such that releases of contaminants such as suspended solids, turbidity, total dissolved salts, pH, total iron, total aluminium, and total manganese are not likely to cause environmental harm;
(d) the likelihood of environmental nuisance being caused by release of dust is minimised;
(e) the water quality of any residual water body meets relevant criteria for subsequent uses and does not have potential to cause environmental harm;
(f) the final landform is stable and not subject to slumping; and
(g) any actual and potential acid sulfate soils in or on the site are either not disturbed, or are submerged or treated, so as to not be likely to cause environmental harm.

A1L2 Rehabilitation of disturbed areas must take place progressively as works are staged and new areas of extraction are commenced.

A1L3 Preventing Contaminant Release To Land.

Contaminants must not be released to land.

A1L4 Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm.
NOTE: All petroleum product storage's must be designed, constructed and maintained in accordance with Australian Standard 1940 - Storage and Handling of Flammable and Combustible Liquids.

Agency Interest: Noise

A1N1 Noise Nuisance.

Noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place

A1N2 Noise Monitoring.

When requested by the administering authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the administering authority. Monitoring must include:
[- airblast overpressure (dB (Lin) Peak);]
- LA 10, adj, 10 mins
- LA 1, adj, 10 mins
- the level and frequency of occurrence of impulsive or tonal noise;
- atmospheric conditions including wind speed and direction;
- effects due to extraneous factors such as traffic noise; and
- location, date and time of recording.

A1N3 The method of measurement and reporting of noise levels must comply with the latest edition of the Department of Environment and Resource Management's Noise Measurement Manual.

A1N4 Vibration Nuisance.

Vibration emitted from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.

A1N5 Vibration Monitoring.

When requested by the administering authority, vibration monitoring and recording must be undertaken to investigate any complaint of vibration nuisance, and the results notified within 14 days to the administering authority. Monitoring must include:

a) peak particle velocity (mm/s);
b) location of the blast/s within the site (including which bench level);
c) atmospheric conditions including temperature, relative humidity and wind speed and direction;
d) the level and frequency of occurrence of impulsive or tonal noise;
e) atmospheric conditions including wind speed and direction;
f) effects due to extraneous factors; and
g) location, date and time of recording.

Agency Interest: Social

A1S1 Complaint Response.

The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request:

a) Time, date, name and contact details of the complainant;
b) reasons for the complaint;
c) any investigations undertaken;
d) conclusions formed; and
e) any actions taken.

Agency Interest: Water

A1WA1 Erosion Protection Measures And Sediment Controls.

Erosion protection measures and sediment control measures must be implemented and maintained to minimise erosion and ensure that the activity does not result in an increased release of sediment to any waters or the bed or banks of any waters.

A1WA2 Release To Waters.

Contaminants must not be released from the site to any waters or the bed and banks of any waters.

A1WA3 Stormwater Management.

There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any waters, roadside gutter or stormwater drain.

DEFINITIONS

Words and phrases used throughout this permit[1] are defined below. Where a definition for a term used in this permit[1] is sought and the term is not defined within this permit[1] the definitions provided in the relevant legislation shall be used.

"administering authority" means the Department of Environment and Resource Management or its successor.

"annual return" means the return required by the annual notice (under section 316 of the *Environment Protection Act 1994*) for the section 73F registration certificate that applies to the development approval.

"approval" means 'notice of development application decision' or 'notice of concurrence agency response' under the *Integrated Planning Act 1997*.

"approved plans" means the plans and documents listed in the approved plans section in the notice attached to this development approval.

"artificial waterway" means an artificial channel, lake or other body of water. Artificial waterway includes –

- an artificial channel that is formed because the land has been reclaimed from tidal water and is intended to allow boating access to allotments on subdivided land;
- other artificial channels subject to the ebb and flow of the tide; and
- any additions or alterations to an artificial waterway.

"authorised place" means the place authorised under this development approval for the carrying out of the specified environmentally relevant activities.

"commercial place" means a place used as an office or for business or commercial purposes.

"dredge spoil" means material taken from the bed or banks of waters by using dredging equipment or other equipment designed for use in extraction of earthen material.

"dwelling" means any of the following structures or vehicles that is principally used as a residence –

- a house, unit, motel, nursing home or other building or part of a building;
- a caravan, mobile home or other vehicle or structure on land;
- a water craft in a marina.

"Department of Environment and Resource Management" means the department or agency (whatever called) administering the *Coastal Protection and Management Act 1995* or the *Environmental Protection Act 1994*.

"infectious waste" means waste containing viable micro-organisms or their toxins which are known or suspected to cause disease in animals or humans.

"intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration –

- is clearly audible to, or can be felt by, an individual; and
- annoys the individual.
- In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to Australian Standard 1055.2 – 1997 Acoustics – Description and Measurement of Environmental Noise Part 2 – Application to Specific Situations.

"$L_{A\ 10,\ adj,\ 10\ mins}$" means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minute measurement period, using Fast response.

"$L_{A\ 1,\ adj,\ 10\ mins}$" means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minute measurement period, using Fast response.

"$L_{A,\ max\ adj,\ T}$" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over any 10 minute period, using Fast response.

"land" in the "land schedule" of this document means land excluding waters and the atmosphere.

"mg/L" means milligrams per litre.

"noxious" means harmful or injurious to health or physical well being.

"NTU" means nephelometric turbidity units.

"nuisance sensitive place" includes –

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
- a public thoroughfare, park or gardens; or
- a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

"offensive" means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

"protected area" means –

- a protected area under the *Nature Conservation Act 1992*; or
- a marine park under the *Marine Parks Act 1992*; or
- a World Heritage Area.

"quarry material" means material on State coastal land, other than a mineral within the meaning of any Act relating to mining. Material includes for example stone, gravel, sand, rock, clay, mud, silt and soil, unless it is removed from a culvert, stormwater drain or other drainage infrastructure as waste material.

"site" means land or tidal waters on or in which it is proposed to carry out the development approved under this development approval.

"watercourse" means a river, creek or stream in which water flows permanently or intermittently-

- in a natural channel, whether artificially improved or not; or
- in an artificial channel that has changed the course of the watercourse.

"waters" includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part-thereof.

"works" or "operation" means the development approved under this development approval.

"you" means the holder of this development approval or owner / occupier of the land which is the subject of

END OF CONDITIONS