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Development Permit

Section 621(4) Environmental Protection Act

This document replaces the document issued on 9 November 2000

EPA Permit[1] number:	IPDE01088308
Application (Converted Environmental Authority) No.	NM0185
Relevant Laws and Policies:	Environmental Protection Act 1994 and any subordinate legislation

Under the provisions of the Environmental Protection Act 1994 this development approval is issued to:

North Goonyella Coal Properties Pty Ltd

Registered Address:
Level 4, 300 Queen Street
BRISBANE QLD 4000

Development Description

Property/Location

Lot 15 on Plan RP852573, located at North Goonyella village, North Goonyella Access Road.

Carrying out of Environmentally Relevant Activity (ERA)

ERA 15(b) Sewage treatment - operating a standard sewage treatment works having a peak design capacity to treat sewage of 100 or more equivalent persons but less than 1 500 equivalent persons.
ERA 16 Municipal water treatment plant - treating water for domestic use (other than treatment that only involves disinfection).

Additional information for applicants

This approval pursuant to the Environmental Protection Act 1994 does not remove the need to obtain any further approval for this development which might be required by other State and / or Commonwealth Legislation. Applicants are advised to check with all relevant statutory authorities. Applicants also should comply with all relevant legislation.

It is a requirement of the Environmental Protection Act 1994 that if the owner or occupier of this site becomes aware a notifiable activity (as defined under schedule 2 of the Environmental Protection Act 1994) is being carried out on this 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 Environmental Protection Agency.

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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.

R. Churchill 17/6/08

Ricci Churchill
District Manager (Mackay)
Whitsunday Coalfields Region
Delegate of Administering Authority
Environmental Protection Act 1994

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Conditions of the Development Approval

This development approval consists of the following schedules of conditions relevant to various issues:

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

This development approval consists of the following schedules-

Schedule A – General Conditions

Schedule B - Air

Schedule C - Water

Schedule D – Stormwater Management

Schedule E – Land Application

Schedule F - Noise

Schedule G – Waste Management

Schedule H – Monitoring and Reporting

Schedule I - Approved Documents

Schedule J – Definitions

SCHEDULE A – GENERAL CONDITIONS

Compliance with Environmental Authority

(A1) The holder of this environmental authority must:

a) Install and operate all works and control equipment, and

b) Take all measures, perform all acts and do all things.

necessary to ensure compliance with the conditions of this environmental authority.

Display of Environmental Authority

(A2) A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.

Records

(A3) Any record required to be kept by a condition of this environmental authority must be kept at the licensed place.

(A4) Copies of any record required to be kept by a condition of this environmental authority must be provided to any authorised person or the Administering Authority on request.

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Alterations

(A5) No change, replacement or operation of any plant or equipment is permitted if the change, alteration or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm or environmental nuisance.

Calibration

(A6) All instruments and measuring devices used for the measurement or monitoring of any parameter under any condition of this environmental authority must be calibrated, and appropriately operated and maintained.

Integrated Environmental Management System (IEMS)

(A7) The applicant shall carry out an investigation into the environmentally relevant activities and provide to the Administering Authority an Integrated Environmental Management System, covering all activities, which conforms to ISO 14000 or equivalent within 12 months of the issue of this authority.

(A8) The holder of this environmental authority must submit details of any amendment to the IEMS to the administering authority.

Site-Based Management Plan

(A9) The Site-based Management Plan must contain detailed proposals for the management of environmental impacts resulting from the carrying out of the activities under this environmentaL authority including:

- Operating procedures to prevent or minimise environmental harm and environmental nuisance, however occasioned or caused;
- Maintenance practices and procedures;
- Contingency plans to deal with foreseeable risks and hazards including corrective responses to prevent and mitigate environmental harm (including site rehabilitation);
- Emergency procedures;
- Communication of procedures, plans, incidents, potential environmental problems and results;
- Handling of environmental complaints;
- Keeping and production of environmental records and reports;
- Monitoring of the releases into the environment including procedures, methods, record keeping and notification of results;
- Assessment of the environmental impact of any releases into the environment and;
- Staff training and awareness of environmental issues related to the operation of the environmentally relevant activities.

(A10) The Site-based Management Plan must be implemented by the holder of this environmental authority.

(A11) The holder of this environmental authority must submit details of any amendment to the approved Site-based Management Plan to the administering authority.

END OF CONDITIONS FOR SCHEDULE A

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SCHEDULE B – AIR

Releases to the Atmosphere

(B1) Except as otherwise provided by the conditions of the air schedule of this environmental authority the environmentally relevant activity/activities must be carried out by such reasonable and practicable means necessary to prevent or minimise releases to the atmosphere.

END OF CONDITIONS FOR SCHEDULE B

SCHEDULE C – WATER

Releases to Waters

(C1) Except as otherwise provided by the conditions of the water schedule of this environmental authority the environmentally relevant activity/activities must be carried out by such reasonable and practicable means necessary to prevent or minimise the release or likelihood of release of contaminants to waters.

Release Points

(C2) Discharges must not be directly or indirectly released from any source on the licensed place to any waters at any location other than locations listed below.

Nil approved.

END OF CONDITIONS FOR SCHEDULE C

SCHEDULE D – STORMWATER MANAGEMENT

Contamination of Stormwater caused by Rainfall

(D1) Except as provided by the conditions of the stormwater management schedule and the water schedule of this environmental authority, the environmentally relevant activity/activities must be carried out by such reasonable and practicable means necessary to prevent or minimise contamination of stormwater runoff from the licensed place.

Stormwater Management Plan

(D2) Within 12 months of the date of issue of this authority the holder of this environmental authority must implement a Stormwater Management Plan for the licensed places.

(D3) The Stormwater Management Plan must provide detail on the works to be implemented and the timetable proposed to address at least the following issues:

a) Prevention of incident stormwater and stormwater runoff from becoming contaminated, and

b) Diversion of upstream runoff away from process areas where stormwater may become contaminated, and

c) Minimisation of the size of contaminated areas, and

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d) Cleaning of contaminated areas without water, and

e) Installation of oil separators, silt and rubbish traps, and stormwater diversion systems, and

f) Paving and roofing of contaminated areas, and

(D4) The Stormwater Management Plan must be implemented by the holder of this environmental authority.

(D5) The holder of this environmental authority must submit details of any amendment to the Stormwater management Plan to the administering authority.

END OF CONDITIONS FOR SCHEDULE D

SCHEDULE E – LAND APPLICATION

Releases of Contaminants to Land

(E1) Except as otherwise provided by the conditions of the land application schedule of this environmental authority, the environmentally relevant activities must be carried out by such reasonable and practicable means necessary to prevent or minimise releases which are likely to contaminate land.

(E2) The sewerage treatment plant must be operated in such a manner which will produce an effluent quality at the outlet of the sewerage treatment plant which complies with the standards listed in Schedule E – Table 1.

Wet Weather Storage

(E3) When weather conditions or soil conditions preclude the application of treated effluent, the effluent must be directed to the wet weather storage.

(E4) The wet weather storage must be designed to hold a volume equivalent to 10 days effluent flow from the plant.

SCHEDULE E TABLE 1 – RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	DISCHARGE LIMIT	LIMIT TYPE
5-day Biochemical Oxygen Demand (mg/l)	20	Max.
Suspended Solids (mg/l)	30	Max
Free Residual Chlorine (mg/l)	1-2	Range

END OF CONDITIONS FOR SCHEDULE E

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SCHEDULE F – NOISE

Emission of Noise

(F1) Except as otherwise provided by the conditions of the noise schedule of this environmental authority, the environmentally relevant activities must be carried out by such reasonable and practicable means necessary to prevent or minimise the emission of noise.

END OF CONDITIONS FOR SCHEDULE F

SCHEDULE G – WASTE MANAGEMENT

General

(G1) Waste must not be released to the environment, stored, transferred or disposed contrary to any condition of this environmental authority.

(G2) Waste must not be burnt or allowed to burn on any licensed site or removed and burnt elsewhere unless specifically permitted by an environmental authority.

(G3) Records of trade waste agreements must be made available for inspection on request.

(G4) Where a no-cost recycling service is available, recyclable waste must not be deposited in the general waste stream.

Waste Management Plan (WMP)

(G5) Within 12 months of the date of issue of this authority the holder of this environmental authority must implement a Waste Management Plan.

(G6) The Waste Management Plan must detail at least the following;

- The quantity and nature of each waste produced, and
- The current method of disposal, and
- Proposed methods of pre-treatment or disposal, and
- Expected reduction in quantity of waste produced through waste minimisation and cleaner production, and
- Provisions for carrying out and submitting to the Administering Authority a waste audit within 2 years from the date of issue of this environmental authority and thereafter every 5 years.

(G7) The holder of this environmental authority must submit details of any amendment to the Waste Management Plan to the administering authority.

END OF CONDITIONS FOR SCHEDULE G

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SCHEDULE H – SELF MONITORING AND REPORTING

Complaint Recording

(H1) All complaints received by the holder of this environmental authority relating to operations at the licensed place must be recorded in a log book with complete details of actions and responses to the complaint.

(H2) The complaints record required must be maintained for a period of not less than 5 years.

Monitoring of Releases from Sewerage Treatment Plant

(H3) The daily quantity of releases must be measured by an acceptable industry method for determining flow.

(H4) The monitoring of the releases from the sewerage treatment plant must be carried out for the parameters and at the frequency indicated in Schedule H – Table 1.

(H5) Records must be kept of the results of all determinations of the daily quantity of releases to waters for a period of at least 5 years.

Noise Monitoring

(H6) Monitoring must be undertaken to investigate any complaint of noise nuisance upon receipt of a request from the administering authority to carry out such monitoring.

(H7) The method of measurement and reporting of noise levels must comply with the Environmental Protection Agency Noise Measurement Manual.

(H8) Records must be kept of the results of all monitoring of noise levels and other information required to be recorded in conjunction with such monitoring for a period of at least 5 years.

Records Submission

(H9) The holder of this environmental authority must submit the results of all monitoring performed in accordance with this environmental authority to the administering authority.

SCHEDULE H – TABLE 1

QUALITY CHARACTERISTIC	RELEASE POINTS	FREQUENCY
5-day Biochemical Oxygen Demand	Outlet of the STP	Monthly
Suspended Solids	Outlet of the STP	Monthly
pH	Outlet of the STP	Monthly
Dissolved Oxygen	Outlet of the STP	Monthly
Free Residual Chlorine	Outlet of the STP	Monthly

END OF CONDITIONS FOR SCHEDULE H

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SCHEDULE I – APPROVED DOCUMENTS

(I1) The environmentally relevant activity must be constructed, operated and maintained in accordance with all undertakings of the environmental authority application and any other documents approved by the administering authority as set out in the Approved Documents Schedule.

(I2) In the event of any inconsistency arising between the undertakings of the environmental authority application or other approved documents as set out in the Approved Documents Schedule and the conditions of this environmental authority, the conditions of this environmental authority must apply.

(I3) For the purposes of this environmental authority the following stated documents are approved documents:

I. The Intergrated Environmental Management System.

II. Application of the Environmental Authority.

END OF CONDITIONS FOR SCHEDULE I

SCHEDULE J – DEFINITIONS

(J1) For the purposes of this environmental authority any term not otherwise defined in the Act and any subordinate legislation made pursuant to the Act or in the Definitions Schedule of this Environmental Authority has the meaning conferred to that term in its common usage.

(J2) In the event of any inconsistency arising between the meaning of any term provided in the Definitions Schedule of this Environmental Authority and any common usage of that term, the meaning conferred in the Definitions Schedule of this environmental authority prevails.

For the purposes of this environmental authority the following definitions apply:

(J3) "Act" means the Environmental Protection Act 1994.

(J4) "Administering Authority" means the Environmental Protection Agency or its successor.

(J5) "Land" means land excluding waters and the atmosphere.

(J6) "mg/l" means milligrams per litre.

(J7) "cubic metre" ("m3") means the volume of dry gaseous contaminant which occupies 1 cubic metre at a temperature of zero degrees Celsius and at an absolute pressure of 101.3 kilopascals.

(J8) "dry weather flow" refers to a day during which no rain falls within the catchment of the sewage treatment plant for the commencement of measurement for that day. The term also excludes days during which measurement is made which occur within three days following cumulative rainfall of 100mm over the three preceding days.

(J9) "maximum" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.

(J10) "minimum" means that the measured value of the quality characteristic or contaminant must not be less than the release limit stated.

(J11) "range" means that the measured value of the quality characteristic or contaminant must not be greater than the higher release limit stated nor lower than the lower release limit stated.

END OF CONDITION FOR SCHEDULE J

END OF CONDITIONS FOR ENVIRONMENTAL AUTHORITY

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