

Registration certificate

Environmental Protection Act 1994

Registration certificate

No: ENRE00859608

EPPR 00194913

This registration certificate is issued by the administering authority and is a replacement document for the original approval issued on: 18-August-1998.

The anniversary day for the purposes of the Annual Return remains: 17-March.

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 attached to the premises, or the relevant code of environmental compliance.

Registered Operator:-

Queensland Nickel Pty Ltd
Greenvale Street
YABULU QLD 4818

Place:-

Lot 430 Plan EP1068

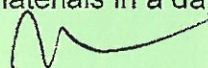
Located at:-

Berth # 2 Port of Townsville, SOUTH TOWNSVILLE QLD 4810

Registered Activities: -

ERA 16 Extractive and screening activities Threshold 3(b) - screening, in a year, more than 100000t to 1000000t of material

ERA 50 Bulk material handling Threshold 2 - loading or unloading 100t or more of bulk materials in a day or stockpiling bulk materials at a Port


Ingrid Fomiatti Minnesma
Delegate
Department of Environment and Resource Management
Environmental Protection Act 1994

31-MAR-2011



QUEENSLAND GOVERNMENT

Department of Environment

Northern Regional Office • Old Quarantine Station, Pallarenda, Townsville, QLD
PO Box 5391, TOWNSVILLE, QLD 4810
Telephone (07) 4722 5211 • Facsimile (07) 4722 5222

Item Id 1603508
FILE COPY
28/6/98
Item Id 2818466
2818493(P)
101 000 958

Enquiries to
Telephone
Your reference
Our reference

L. Mills
(07) 4722 5353

NR93

Queensland Nickel Pty Ltd
PMB 5
TOWNSVILLE 4810

Attention: Mr Adrian Lee

Dear Mr Lee

Amendment of Environmental Authority NR93 - Townsville Port - Environmental Protection Regulations 1998

I refer to recent changes to Queensland's Environmental Protection Legislation and how these changes impact on Licence No. NR93 held by Queensland Nickel Pty Ltd.

Departmental correspondence dated 10/07/98 sought your agreement under s50 (1) (a) of the *Environmental Protection Act 1994* to the following amendments:

delete:

Stockpiling, loading or unloading goods in bulk

Screening etc. materials - 100 000 tonnes or more per year

insert:

74. Stockpiling, loading or unloading goods in bulk -commercially loading, unloading or stockpiling materials or goods, in association with an activity mentioned in item 71, using a crane, conveyor, pump or other similar way at a rate of more than 100 tonnes per day.

22. Screening etc. materials—screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining authority) or by dredging using plant or equipment having a design capacity of—

(c) 100 000 t or more per year

IPDE 01296103

Your correspondence, dated 27/07/98 agreed to the above amendments.

A decision has been made under s50 of the *Environmental Protection Act 1994* to issue an amended licence to carry out the following environmentally relevant activities:

74. Stockpiling, loading or unloading goods in bulk -commercially loading, unloading or stockpiling materials or goods, in association with an activity mentioned in item 71, using a crane, conveyor, pump or other similar way at a rate of more than 100 tonnes per day.

22. Screening etc. materials—screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining authority) or by dredging using plant or equipment having a design capacity of—

(c) 100 000 t or more per year

at Townsville Port. The amended licence takes effect 2 September 1998.

Please find attached a copy of the licence.

Information relating to a review of, or appeal against, this decision under the Act is attached.

Should you have any questions regarding this matter, please contact the officer listed above.

Yours faithfully



Eric Gustavson
Regional Manager (Environment)
Northern

date 19 August 1998

Environmental Protection Act 1994

Licence No. NR93

Section 45(1)

Under the provisions of the *Environmental Protection Act 1994* this Environmental Authority is issued:

To: Queensland Nickel Pty Ltd

Address: PMB 5 Mail Centre
Townsville Qld 4810

in respect of the following environmentally relevant activities:

74. Stockpiling, loading or unloading goods in bulk -commercially loading, unloading or stockpiling materials or goods, in association with an activity mentioned in item 71, using a crane, conveyor, pump or other similar way at a rate of more than 100 tonnes per day.

22. (c) - Screening etc. materials—screening, washing, crushing, grinding, milling, sizing or separating material extracted from the earth (other than under a mining authority) or by dredging using plant or equipment having a design capacity of 100 000 t or more per year.

being carried out at premises on land described as:

Part of Lot 430 Plan EP1068, Parish of Coonambelah County of Elphinstone

being carried out at premises located at:

Hubert Street, South Townsville

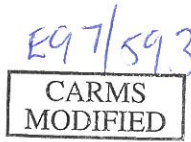
This environmental authority is granted conditional upon the above listed activities being carried out in accordance with the conditions of this environmental authority, as set out in the Schedules attached to this environmental authority.

This environmental authority takes effect from 2 September 1998.

signed 

Eric Gustavson
Regional Manager (Environment)
Delegate of the Administering Authority
Environmental Protection Act 1994

date 18 August 1998



FILE COPY

Environmental Protection Act 1994

Notice of Decision to Grant An Environmental Authority

Section 45(1)

Enquiries to: C McNamara
Telephone: 077-225353
Your reference:
Our reference: 470913

Queensland Nickel Pty Ltd
PMB 5 Mail Centre
TOWNSVILLE QLD 4810

Dear Sir

**Re: Application for Environmental Authority
by**

Queensland Nickel Pty Ltd

**in respect of carrying out the environmentally relevant activities at the following
place(s):**

- Stockpiling, loading or unloading goods in bulk
- Screening etc. materials - 100 000 tonnes or more per year

Your application for a licence has been granted. A copy of the licence which includes the Schedule of Conditions is attached. The licence takes place from 17 March 1997.

Information relating to a review of the decision or appeals under this Act is attached.

signed

Delegate of Administering Authority
Environmental Protection Act

date

27/2/97

Environmental Protection Act 1994

Environmental Authority No. 5020000182

Section 45(1)

Under the provisions of the *Environmental Protection Act 1994* this Environmental Authority is issued:

To: Queensland Nickel Pty Ltd

Address: PMB 5 Mail Centre
Townsville Qld 4810

in respect of the following environmentally relevant activities:

- Stockpiling, loading or unloading goods in bulk
- Screening materials etc. - 100 000 tonnes or more per year

being carried out at premises on land described as:

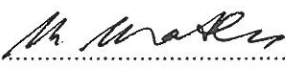
Part of Lot 430 Plan EP1068, Parish of Coonambelah County of Elphinstone

being carried out at premises located at:

Berth # 2 Port of Townsville

This environmental authority is granted conditional upon the above listed activities being carried out in accordance with the conditions of this environmental authority, as set out in the Schedules attached to this environmental authority.

This environmental authority takes effect from 17 March 1997.

signed 
Maurice Mathews
Delegate of the Administering Authority
Environmental Protection Act 1994

Date 27/2/97

Extracts from the Act Regarding Reviews and Appeals

Procedure for review

- 202.(1)** A dissatisfied person may apply for a review of an original decision.
- (2)** The application must-
- (a) be made in the approved form to the administering authority within-
 - (i) 14 days after the day on which the person receives notice of the original decision or the administering authority is taken to have made the decision (the "**review date**"); or
 - (ii) the longer period the authority in special circumstances allows not later than the review date; and
 - (b) supported by enough information to enable the authority to decide the application.
- (3)** The applicant must give the following documents to the other persons who were given notice of the original decision-
- (a) notice of the application (the "**review notice**"); and
 - (b) a copy of the application and supporting documents.
- (4)** The review notice must inform the recipient that submission on the application may be made to the administering authority within 7 days after the application is made to the authority.
- (5)** If the administering authority is satisfied the applicant has complied with subsection (2) and (3), the authority must-
- (a) review the original decision; and
 - (b) make a decision (the "**review decision**") to-
 - (i) confirm or revoke the original decision; or
 - (ii) vary the original decision in a way the administering authority considers appropriate.
- (6)** The application does not stay the original decision.
- (7)** The application must not be dealt with by-
- (a) the person who made the original decision; or
 - (b) a person in a less senior office than the person who made the original decision.
- (8)** Within 14 days after making the decision, the administering authority must give written notice of the decision to the applicant and persons who were given notice of the original decision.
- (9)** The notice must-
- (a) include the reasons for the review decision; and
 - (b) inform the person of their right of appeal against the decision.
- (10)** If the administering authority does not comply with subsection (8) within 14 days after receiving the application, the authority is taken to have made a decision at the end of the period confirming the original decision.
- (11)** Subsection (7) applies despite section 27A(7) of the *Acts Interpretation Act 1954*.
- (12)** This section does not apply to an original decision made by-
- (a) for a matter, the administration and enforcement of which has been devolved to a local government - the local government itself or the chief executive officer of the local government personally; or
 - (b) for another matter-the chief executive personally.

Who may appeal

- 204.(1)** A dissatisfied person who is dissatisfied with a review decision may appeal against the decision to the Court.
- 2)** The chief executive may appeal against another administering authority's decision (whether an original or review decision) to the Court.
- (3)** A dissatisfied person who is dissatisfied with an original decision to which section 202 (Procedure for review) does not apply may appeal against the decision to the Court.

NOTES

1) Notice of Other Duties

Please note that in addition to this environmental authority, you may have obligations at law under the Environmental Protection Act (for example, compliance with Environmental Protection Policies), the Contaminated Land Act and other obligations at law created by the Federal, State and Local Governments.

2) Environmental Duties under the Environmental Protection Act

The Environmental Duties under the Environmental Protection Act are as follows:

- Section 36(1) provides that a person must not carry out any activity that causes, or is likely to cause, environmental harm unless the person takes all reasonable and practicable measures to prevent or minimise the harm (the "general environmental duty").
- Section 37 requires that a person who becomes aware that serious or material environmental harm is caused or threatened by an activity they are involved in, has a duty to report that harm. Employees have a duty to report the harm to their employer who then assumes the duty to notify the administering authority. Where an employer cannot be contacted the person must notify the administering authority. People are exempt from this requirement if the harm is occurring under an environmental protection policy, an environmental management program, an environmental protection order, an environmental authority or a direction from an authorised person in an emergency.

3) Amendment of a Licence

Section 49 of the Act provides for the licensee to be able to apply for an amendment of their licence. Examples where an application for a licence amendment should be submitted are:

If the licensee proposes to:

1. carry out an activity at a site which is not authorised by the licence, or
2. change the number or types of activities; or
3. increase the scale of a currently licensed activity; or
4. significantly change the way in which the activity/activities are operated, such that the licence conditions cannot be complied with.

4) Sale of a Licensee's Business

Section 53 of the Act applies if a licensee proposes to dispose of the business to someone else. Before agreeing to dispose of the business, the licensee must give written notice to the buyer that the buyer must make application under this Act for the transfer of the licence or for a new licence.

5) Ceasing to carry out the licensed activity

Section 54 of the Act provides that within 14 days after ceasing the environmentally relevant activity to which this licence relates, the licensee must give written notice of the ceasing of the activity to the administering authority.

This environmental authority consists of the following schedules-

Schedule A - General Conditions

Schedule B - Air

Schedule C - Stormwater Management

Schedule D - Noise

Schedule E - Waste Management

Schedule F - Monitoring and Reporting

Schedule G - Definitions

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28/2

Env Auth
#502000182

ACN 009 842 068

Registered Name:
Queensland Nickel Pty Ltd

Environmentally Relevant Activity: - Stockpiling, loading or unloading goods in bulk
- Screening materials

SCHEDULE A - GENERAL CONDITIONS

- (A1) A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.

Records

- (A2) Any record or document required to be kept by a condition of this environmental authority must be kept at the licensed place for a period of at least five years and be available for examination by an authorised person. The record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

Alterations

- (A3) Prior approval from the administering authority must be sought before any change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases the risk of environmental harm above that expressly provided by this environmental authority.

Calibration

- (A4) All instruments and 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.

Site-Based Environmental Management Plan

- (A5) The holder of this environmental authority must:
- (a) develop and implement a Site-Based Environmental Management Plan which provides for the following functions:
 - Routine operating procedures to prevent or minimise environmental harm;
 - Contingency plans and emergency procedures to deal with foreseeable risks and hazards;
 - Monitoring of the release of contaminants into the environment;
 - Handling of environmental complaints;
 - Keeping and production of environmental records and reports;
 - Staff training and awareness of environmental issues.
 - (b) on or before 1 June 1997 have completed and implemented the Site-Based Environmental Management Plan.
- (A6) A copy of the Site-Based Environmental Management Plan must be kept in a location readily accessible to personnel carrying out the activity

End of Conditions of Schedule A

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Env Auth
#5020000182

ACN 009 842 068

Registered Name:
Queensland Nickel Pty Ltd

Environmentally Relevant Activity: - Stockpiling, loading or unloading goods in bulk
- Screening materials

SCHEDULE B- AIR

Release of Contaminants to the Atmosphere

- (B1) All crushing and screening equipment is to be effectively enclosed to minimise the potential for dust emissions to be released to atmosphere.

End of Conditions for Schedule B

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Env Auth
#5020000182

ACN 009 842 068

Registered Name:
Queensland Nickel Pty Ltd

Environmentally Relevant Activity: - Stockpiling, loading or unloading goods in bulk
- Screening materials

SCHEDULE C - STORMWATER MANAGEMENT

Stormwater Control

- (C1) Bunding is to be provided around the wharf and surge bin conveying equipment.
- (C2) All stormwater contained within the bunded areas is to be directed to the first stormwater settlement pond.
- (C3) All stormwater from the stockpile area is to be directed to the first stormwater settlement pond via a drainage system.
- (C4) A series of stormwater settlement ponds capable of containing a 270mm rainfall event for the bunded and stockpile areas is to be provided.
- (C5) All conveying equipment excepting the wharf conveyor are to be fully roofed.
- (C6) Any vehicles used within the bunded areas are to be washed within the bunded areas before leaving.

Spillage Control

- (C7) Ore unloaded from the ship is to be directed to the wharf hoppers.
- (C8) Spillage control barriers that extend from within the bunded wharf compound to the ships hull are to be provided whenever unloading of ore is occurring.
- (C9) The spillage control barriers are to be inclined so that any stormwater runoff from the barriers is directed into the bunded area on the wharf.
- (C10) Any spillage of ore onto the spillage control barriers is to be mechanically recovered after each shipment.
- (C11) Belt conveying equipment shall be fitted with effective return scrapers to minimise ore carryover.
- (C12) Any spillages of ore are to be recovered as soon as practicable.

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Env Auth
#5920000182

ACN 009 842 068

Registered Name:
Queensland Nickel Pty Ltd

Environmentally Relevant Activity: - Stockpiling, loading or unloading goods in bulk
- Screening materials

Release of Contaminants to Waters

- (C13) The only contaminants permitted to be released from the licensed place are those listed as described below:

Release Point W1 - Stormwater runoff contained in the stormwater settlement ponds to waters described as Cleveland Bay at a location described as the point of overflow from the secondary settlement pond.

Quality Characteristics Of Release to Waters

- (C14) The release of contaminants to waters must comply, at the sampling and in situ monitoring point specified in Schedule F, with each of the limits specified in schedule C Table 1 for each quality characteristic.

SCHEDULE C TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS

QUALITY CHARACTERISTICS	RELEASE POINT NUMBER	RELEASE LIMIT	LIMIT TYPE
Suspended Solids. (mg/l)	W1	30	maximum
pH. (pH Units)		6.5 - 8.5	range
Dissolved Aluminium. (ug/l)		500	maximum
Dissolved Cadmium. (ug/l)		50	maximum
Dissolved Chromium. (ug/l)		500	maximum
Dissolved Cobalt. (ug/l)		50	maximum
Dissolved Copper. (ug/l)		100	maximum
Dissolved Iron. (ug/l)		1000	maximum
Dissolved Manganese. (ug/l)		100	maximum
Dissolved Nickel. (ug/l)		500	maximum
Dissolved Zinc. (ug/l)		2000	maximum

End of Conditions for Schedule C

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Env Auth
#5020000182

ACN 009 842 068

Registered Name:
Queensland Nickel Pty Ltd

Environmentally Relevant Activity: - Stockpiling, loading or unloading goods in bulk
- Screening materials

SCHEDULE D - NOISE

Emission of Noise

- (D1) The environmentally relevant activity must be carried out by such practicable means necessary to prevent or minimise the emission of noise that constitutes environmental nuisance.

End of Conditions for Schedule D

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#5020000182

ACN 009 842 068

Registered Name:
Queensland Nickel Pty Ltd

Environmentally Relevant Activity: - Stockpiling, loading or unloading goods in bulk
- Screening materials

SCHEDULE E - SOLID WASTE MANAGEMENT

General

- (E1) The holder of this environmental authority must not:
- (i) allow waste to burn or be burned at or on the licensed place; nor
 - (ii) remove waste from the licensed place and burn such waste elsewhere.
- (E2) All ore recovered as a result of spillage or from maintenance of the stormwater management system is to be returned to the stockpile.

End of Conditions for Schedule E

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Env Auth
#5020000182

ACN 009 842 068

Registered Name:
Queensland Nickel Pty Ltd

Environmentally Relevant Activity: - Stockpiling, loading or unloading goods in bulk
- Screening materials

Report Submission

- (F6) The holder of this environmental authority must ensure that the results of all monitoring performed in accordance with this environmental authority for the period covered by the return are submitted with the Annual Return.

Schedule F - Table 2

QUALITY CHARACTERISTIC DETERMINATION	RELEASE POINTS	FREQUENCY
Suspended Solids.	W1	Each time an overflow occurs then each 24 hours of continuous overflow
pH.		
Dissolved Aluminium.		
Dissolved Cadmium.		
Dissolved Chromium.		
Dissolved Cobalt.		
Dissolved Copper.		
Dissolved Iron.		
Dissolved Manganese.		
Dissolved Nickel.		
Dissolved Zinc.		

End of Conditions for Schedule F

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27/2/97

Env Auth
#5020000182

ACN 009 842 068

Registered Name:
Queensland Nickel Pty Ltd

Environmentally Relevant Activity: - Stockpiling, loading or unloading goods in bulk
- Screening materials

SCHEDULE F - MONITORING AND REPORTING

Complaint Recording

(F1) All complaints received by the holder of this environmental authority relating to releases of contaminants from operations at the licensed place must be recorded and kept with the following details:

- (i) time, date and nature of complaint;
- (ii) type of communication (telephone, letter, personal etc.);
- (iii) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded);
- (iv) response and investigation undertaken as a result of the complaint;
- (v) name of person responsible for investigating complaint; and
- (vi) action taken as a result of the complaint investigation and signature of responsible person.

Monitoring of Contaminant Releases to Waters

(F2) The holder of this environmental authority is responsible for the making of determinations and keeping of records of the quality of the contaminants released for the release points, quality characteristics, and at the frequency specified in Schedule F Table 2.

Sampling and Monitoring Point Details

(F3) Determinations of the quality of contaminants released to waters to check conformity with the release quality characteristics specified in Schedule C table 1 of this environmental authority must be undertaken at the sampling and in situ monitoring point described as:

For release point W1 the sampling and in situ monitoring point shall be the point of overflow from the last settlement pond

(F4) All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the Department of Environment and Heritage Water Quality Sampling Manual, 2nd Edition, February 1995, or more recent additions or supplements to that document as such become available.

(F5) All determinations of the quality of contaminants released must be performed by a person or body possessing appropriate experience and qualifications to perform the required measurements.

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27/2/97

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ACN 009 842 068

Registered Name:
Queensland Nickel Pty Ltd

Environmentally Relevant Activity: - Stockpiling, loading or unloading goods in bulk
- Screening materials

SCHEDULE G - DEFINITIONS

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

- (G1) "mg/l" means milligrams per litre.
- (G2) "maximum" means that the measured value of the quality characteristic or contaminant must not be greater than the release limit stated.
- (G3) "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 Conditions for Schedule G

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27/2/97