



Queensland
Government

Department of Environment and Science (DES)
ABN 46 640 294 485
400 George St Brisbane, Queensland 4000
GPO Box 2454 Brisbane QLD 4001 AUSTRALIA
Email: EMR.CLR.Registry@des.qld.gov.au

13 March 2019

Site ID: 83539
File Number: 101/28203
Enquiries to: emr.clr.registry@des.qld.gov.au

The Chief Executive Officer
Brisbane City Council
GPO Box 1434
BRISBANE QLD 4001

NOTICE OF LAND LISTED ON THE ENVIRONMENTAL MANAGEMENT REGISTER

In accordance with section 378 of the *Environmental Protection Act 1994* (EP Act) notice is given that the parcel of land described below has been listed on the Environmental Management Register (EMR).

Lot: 3 Plan: SP180764
54-54A BONEMILL ROAD
RUNCORN QLD 4113

The parcel of land has been recorded on the EMR as, after careful consideration of any submissions, it is decided that the land has been affected by a hazardous contaminant. Details of the listing are provided below.

HAZARDOUS CONTAMINANT

Nickel: 526mg/kg
Manganese: 13,600mg/kg
TRH C10-C16:2,590mg/kg.
F3 C16-34:4,030mg/kg
Lead: 1,100mg/kg
Chromium (III+VI): 608mg/kg
Zinc: 4,310mg/kg
Copper: 1,240Mg/kg

The above details have been added to the particulars of the land already recorded in the EMR which are listed below:

FOUNDRY OPERATIONS - commercial production of metal products by injecting or pouring molten metal into moulds and associated activities in works having a design capacity of more than 10 t per year.

LANDFILL - disposing of waste (excluding inert construction and demolition waste).

Release

For further information about contaminated land matters visit www.qld.gov.au, and search for "contaminated land".

sch4p4(6) Personal information

Olga Hawas
Department of Environment and Science
Delegate of the Administering Authority
Environmental Protection Act 1994

Published on DES Disclosure Log
RTI Act 2009



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BRADKEN RESOURCES PTY LTD
PO BOX 53
SUNNYBANK QLD 4109

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Brisbane City Council

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LANDFILL - disposing of waste (excluding inert construction and demolition waste).

The owner may apply for a review of the decision to record the land in the EMR within 10 business days after receipt of this notice, in accordance with section 521 of the EP Act. If you decide to apply for a review you must, in accordance with section 521(3), also give notice to the local government that you are seeking a review. You must forward to the local government the following documents:

Release

- a notice of the application (the "review notice");
- a copy of the application and supporting documents.

The review notice must inform the local government that submissions on the application may be made within 5 business days after the application is made to the Department of Environment and Science, as required by section 521(4) of the *EP Act*. A land owner dissatisfied with a review decision may appeal against the decision in accordance with section 531 of the *EP Act*.

The following requirements apply under section 408 of the *EP Act* for land listed on the EMR.

The owner must before agreeing to dispose of the land to someone else (the buyer), give written notice to the buyer stating that the particulars of the land have been recorded in the register and, if details of a site management plan for the land are recorded in the register, details of the plan.

For further information about contaminated land matters visit www.qld.gov.au, and search for "contaminated land".

sch4p4(6) Personal information

Olga Hawas
Department of Environment and Science
Delegate of the Administering Authority
Environmental Protection Act 1994

Permit¹

Environmental Protection Act 1994

Environmental authority EPPR00247513

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Permit¹ number: EPPR00247513

Environmental authority takes effect 11 June 2014

The anniversary date remains **24 March 2014**.

An annual return and the payment of the annual fee which is currently \$14,167.00 will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Bradken Resources Pty Limited	76 Nathan Road RUNCORN QLD 4113

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
29-(1d) Metal foundry operation >10000t yr ferrous (fe)	76 Nathan Road RUNCORN Lots 1, 2, 3, 4, 6, and 7 Plan RP69078, Lots 1, 3 & 9 Plan SP180764 and Lots 1, 2, 3, 4, 6 and 7 Plan RP89078

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

Release

¹ Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Contaminated land

It is a requirement of the EP Act that if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

sch4p4(6) Personal information

Signature

Kelly Gleeson
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

11/6/2014.

Date

Enquiries:

Luke Stephan
ES-RSD-SER-BRISBANE
Level 8 400 George Street
GPO Box 2454
BRISBANE QLD 4000
Phone: (07) 3330 5748
Email: Luke.Stephan@ehp.qld.gov.au

Conditions of environmental authority

The environmentally relevant activity(ies) conducted at the location as described above must be conducted in accordance with the following site specific conditions of approval.

Agency interest: General	
Condition number	Condition
G1	A copy of this approval must be kept in a location readily accessible to personnel carrying out the environmentally relevant activity (ERA).
G2	Any record or document required to be kept by a condition of this approval must be kept at the site 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.
G3	The operator of an ERA to which this approval relates must: <ul style="list-style-type: none"> (i) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and (ii) maintain such measures, plant and equipment in a proper and efficient condition; and (iii) operate such measures, plant and equipment in a proper and efficient condition.
G4	All instruments and devices used for the measurement or monitoring of any parameter under any condition of this approval must be calibrated, and appropriately operated and maintained.
G5	A Site-Based Management Plan (SBMP) must be implemented that details how the actual and potential environmental impacts resulting from the carrying out of the environmentally relevant activity (ERA) will be managed.

Release

G6	<p>The SBMP must address at least the following matters:</p> <ul style="list-style-type: none"> • Routine operating practices and procedures to prevent or minimise environmental harm, however occasioned or caused during normal operations including the operation of fabric filter dust collectors, cyclones and amine scrubbers; • Maintenance practices and procedures, including procedures for determining when filters need to be replaced and replacing filters on the core shop spraying booths; • Burner maintenance program; • Measures to prevent the release of contaminants that will or may cause environmental harm to land or waters, (such as the storage of drums containing waste to be stored within a bunded area with their closures in place and the inspection of scrap metals for the furnaces); • Contingency plans and emergency procedures to deal with foreseeable risks and hazards including corrective responses to prevent and mitigate environmental harm (including any necessary site rehabilitation and the loading/unloading of bulk materials to take place only within designated vehicle loading/unloading areas); • Monitoring of the release of contaminants into the environment including procedures, methods, record keeping and notification of results; • Assessment of the environmental impact of any releases of contaminants that will or may cause environmental harm into the environment including procedures, methods, record keeping and notification of results; • Handling of environmental complaints; • Keeping and production of environmental records and reports; • Lines and methods of communication to be utilised for communication of procedures, plans, incidents, potential environmental problems and results, including a feedback mechanism to ensure that management is made aware of potential environmental problems and any failure of procedures adopted; and • Staff training and awareness of environmental issues related to the operation of the environmentally relevant activities, including responsibilities under the <i>Environmental Protection Act 1994</i>.
G7	<p>A copy of the SBMP and any amendment of the SBMP must be kept at the site and be available for examination by an authorised person on request.</p>
G8	<p>In carrying out an ERA to which this approval relates, all reasonable and practicable measures must be taken to prevent and/or minimise the likelihood of environmental harm being caused.</p>

Release

G9	<p>All complaints received by the operator of an ERA to which this approval relates regarding releases of contaminants from operations at the site must be recorded and kept with the following details:</p> <ul style="list-style-type: none"> (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.
G10	The complaints record required by condition number G9 must be maintained for a period of not less than 5 years.
G11	Where the operator of an ERA to which this approval relates has not given notification to the administering authority under section 320 of the <i>Environmental Protection Act 1994</i> , as soon as practicable after becoming aware of any emergency or incident that results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this approval, the operator of an ERA to which this approval relates must notify the administering authority of the release by telephone or facsimile.
G12	The operator of an ERA to which this approval relates must ensure that the results of all monitoring performed in accordance with this approval for the period covered by the return are submitted with the Annual Return.
G13	The operator of an ERA to which this approval relates must notify the administering authority in writing within 28 days of completion of analysis of any result of a monitoring program required by a condition of this approval that indicates an exceedence of any limit specified in this approval.
G14	<p>The written notification required by condition number G13 above must include:</p> <ul style="list-style-type: none"> (i) The full analysis results, and (ii) Details of investigation or corrective actions taken, and (iii) Any subsequent analysis.
Agency interest: Air	
Condition number	Condition
A1	Contaminants resulting from the operation of the sources described in Table 1 of Schedule 1 must only be released to the atmosphere from those release points specified in Table 1 of the air schedule and must be directed vertically upward without any impedance or hindrance.

Release

A2	Contaminants must be released to the atmosphere from a release point at a height and a flow rate not less than the corresponding height and velocity stated for that release point in Table 1 – Contaminant Release Limits to Air.
A3	Contaminants must not be released to the atmosphere from a release point at a concentration, as measured at a monitoring point, in excess of that stated in Table 1 - Contaminant Release Limits to Air.
A4	All contaminants leaving release points S1(a) and S41 must be treated by a cyclone prior to leaving each release point. This condition applies until such time as the cyclone that serves that release point is replaced or fails to be capable of efficient operation.
A5	All contaminants leaving release points S1(b), S1(c), S3, S4, S8, S11, S42, SM14 and SM43 must be treated in a Fabric Filter Dust Collector (FFDC) prior to leaving each release point.
A6	All collected material removed from FFDCs must be removed and disposed of in a manner that will minimise the likelihood of release of the collected contaminants to the atmosphere or to waters.
A7	FFDCs serving release points S3, S8, S11, SM14 and SM43 must be automatically cleaned by the reverse pulse, reverse air, reverse flow or mechanical shaking method.
A8	A differential pressure sensor must be installed on the FFDCs serving release points S3, S8, S11, SM14 and SM43.
A9	A visual alarm must warn the operator in charge of the FFDCs serving release points S3, S8, S11, SM14 and SM43 whenever the pressure differential across the fabric exceeds 2.5 kilopascals.
A10	A filter medium breakthrough detector must be installed in the outlet of the FFDCs serving release points S3, S8, S11, SM14 and SM43.
A11	A visual alarm must warn the operator in charge of the FFDCs serving release points S3, S8, S11, SM14 and SM43 whenever filter medium breakthrough occurs.
A12	If a filter medium breakthrough occurs on any of the FFDCs the corresponding equipment that produces the emissions must be shut does as soon as practicable.
A13	Replacement bags for the FFDCs must be held on site or be readily available from a local contract maintenance service company at all times.
A14	The filling of all silos must be controlled by automatic devices which prevent silos from being filled beyond their nominal capacity.
A15	Silos that would otherwise release particulates to the atmosphere must be served by a FFDC.

A16	Pouring spouts are to be plugged during melting, unless there is an extraction system in place.
A17	The purchasing and inspection of scrap metal for use in melting furnaces must be in accordance with procedures for purchase specifications and incoming inspections that identify and minimise scrap metal contaminated by any oil, grease, polymer, paint or heavy metal plating.
A18	The only type of fuel to be burned in the following industrial fuel burning equipment is natural gas: (i) Scrap Preheating Equipment (ii) Ladle Preheating Equipment (iii) Heat Treatment Furnace and Ovens (iv) Preheat Oven
A19	The purchasing and inspection of scrap metals for use in preheating furnaces must be in accordance with procedures to identify and minimise scrap metal contaminated by any oil, grease, polymer, paint or heavy metal plating.
A20	Input charges to heat treatment furnaces and preheat ovens must consist of iron or steel components only and must not be contaminated by any oil, grease, polymer, paint, heavy metal plating or any other non-refractory coating.
A21	The exhaust from the core box/boxes in the Core Plant Curing Area must be treated in an amine scrubber prior to release to the atmosphere.
A22	The liquor in the scrubber(s) must be maintained at a pH level of less than 2.
A23	The scrubber(s) must be fitted with a device to monitor the pH of the scrubbing liquor.
A24	The scrubber and ancillary equipment, containing liquor or chemicals, must be installed within a bunded area capable of containing 110% of the volume of all liquids stored or used within the bund.
A25	If the measured scrubbing liquor pH is above 2 and/or the scrubbing liquor recirculation rate falls below that rate required for the effective operation of the scrubber and/or the scrubber fails to operate in accordance with the conditions of this approval, the corresponding activity, including any operation of equipment, that produces the emissions treated in the scrubber must cease as soon as practicable.
A26	Spray painting in the open must be carried out using all reasonable and practicable means to ensure that the releases of solvents, paint fumes and paint particulates do not cause any adverse effect on persons living in or using the area beyond the boundaries of the site.
A27	All trafficable areas must be sealed with bitumen or an equivalent hard surface and cleaned as often as is necessary so as to minimise the release of wind blown and traffic generated dust from such areas. NOTE: This excludes the knockoff area where the excavator operates.

A28	Water sprays must be operated to minimise the release of particulate matter from all temporary storages of waste foundry sand and slag.
A29	The operator of an ERA to which this approval relates must investigate any complaint concerning odour and fume received from a person allegedly affected by the odours/fumes and any complaint notified in writing by the administering authority. The investigation must address the adequacy of measures implemented to prevent odour and fume releases causing an environmental nuisance and whether any remedial actions are necessary and whether practices and procedures incorporated into the SBMP need to be updated to prevent such occurrences.
A30	<p>Monitoring of any releases to the atmosphere required by a condition of this approval must be carried out in accordance with the following requirements:</p> <ol style="list-style-type: none"> Monitoring provisions for the release points listed in Table 1 – Contaminant Release Limits to Air must comply with the Australian Standard AS4323.1 – 1995 'Stationary source emissions Method Selection of sampling positions' (or more recent editions). The following tests must be performed for each required determination specified in Table 1 – Contaminant Release Limits to Air: <ul style="list-style-type: none"> (i) gas velocity and volume flow rate; (ii) temperature; (iii) water vapour concentration (moisture content). (iv) Where practicable, samples must be taken when emissions are expected to be at maximum rates. During the sampling period the following additional information must be gathered: <ul style="list-style-type: none"> (i) production rate at the time of sampling; (ii) raw materials used; (iii) number of equipment and mixing vessels operating; (iv) operating or mixing temperature' (v) product made; and (vi) reference to the actual test methods and accuracy of the methods.
Agency interest: Water	
Condition number	Condition
WA1	Contaminants must not be released from the site to any waters or the bed and banks of any waters.
WA2	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.

Release

WA3	<p>You are responsible for ensuring annual groundwater and surface water monitoring is performed which complies with the following requirements:</p> <ul style="list-style-type: none"> (i) Collection of groundwater samples from at least eight (8) on-site groundwater monitoring bores (ii) Collection of surface water samples from: <ul style="list-style-type: none"> a) an appropriate upstream source at or upstream of the property boundary; b) an appropriate downstream source at or downstream of the property boundary; and c) All on-site dams (iii) Analysis of samples for the following: <ul style="list-style-type: none"> a) Standing Water Level (groundwater only) b) pH c) Electrical conductivity d) Total dissolved solids e) Arsenic f) Beryllium g) Cadmium h) Chromium i) Copper j) Nickel k) Lead l) Zinc m) Manganese n) Molybdenum o) Iron p) Chromium VI q) Fluoride
WA4	<p>A copy of water quality monitoring results required under condition WA3 must be kept at the site and be available for examination by an authorised person on request for a period of at least 10 years.</p>
WA5	<p>A Stormwater Management Plant (SMP) must be implemented that details how the actual and potential environmental impacts resulting from the contamination of stormwater at the site will be managed.</p>

Release

WA6	<p>The SMP must address at least the following matters:</p> <ul style="list-style-type: none"> (i) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants; (ii) diversion of upstream runoff away from areas containing wastes or contaminants, including trafficable areas and waste storage areas; (iii) minimisation of the size of contaminated areas; (iv) cleaning of contaminated areas without water; (v) installation of pollution control equipment such as oil separators, silt and rubbish traps, stormwater diversion systems, sedimentation ponds and settling pits where practical; (vi) paving and roofing of contaminated areas; (vii) sampling and monitoring of any contaminated stormwater released from the site to waters for contaminants likely to be present in the stormwater and assessment of the impact of any such releases on the receiving environment; and (viii) recording and reporting the results of the monitoring of stormwater releases and any assessment of the impacts of the releases on the receiving environment to the administering authority.
WA7	A copy of the SMP and any amendment of the SMP must be kept at the site and be available for examination by an authorised person on request.
WA8	The maintenance and cleaning of vehicles and any other equipment or plant, where such maintenance and cleaning has the capacity to release contaminants which will or may cause environmental harm, must be carried out in areas from where contaminants cannot be released into any waters, roadside gutter or stormwater drainage system.
WA9	Any spillage of wastes, contaminants or other materials capable of causing environmental harm or nuisance must be cleaned up as quickly as practicable. Such spillage's must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter or waters.
WA10	All liquid chemical tank storages used to contain raw materials, processed materials and/or wastes, must be bunded so as to effectively contain a volume equivalent to at least that of 100 % of the largest storage tank plus 10 % of the second largest tank within the bund.
WA11	All liquid chemical drum storages, used to contain raw materials, processed materials and/or wastes, including storages of oils, paints, solvents and resins, must be bunded so as to effectively contain a volume equivalent to at least 25% of the maximum design storage volume within the bund.
WA12	All bunded areas must be roofed where practicable.

Release

Agency interest: Noise	
Condition number	Condition
N1	All noise from activities must not exceed the levels specified in Table 2 – Noise Limits, with the exception of brief and temporary noise from metal unloading from trucks that is carried out in accordance with condition N5.
N2	The Main Foundry doors, specifically the Scrap Entry Door, Aftercast South Door and the Northern Main Bay Door, must be kept closed at all times after 8.30 pm and before 6.00 am.
N3	External telephone repeater bells and amplified address systems must not be used after 8.30 pm nor before 6.00 am.
N4	External Knockoff work must only occur between the hours of 8 am and 5 pm.
N5	Metal Unloading from trucks must only occur between the hours of 7 am and 5 pm.
N6	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.
N7	<p>For the purposes of investigating any complaint made about noise nuisance and also for checking compliance with condition N1, monitoring and recording of the noise levels from the site must be undertaken for the following descriptors, characteristics and conditions:</p> <ul style="list-style-type: none"> (i) LA_{10, adj, 10 mins}; (ii) LA_{1, adj, 10 mins}; (iii) the level and frequency of occurrence of impulsive or tonal noise; (iv) atmospheric conditions including wind speed and direction; (v) effects due to extraneous factors such as traffic noise; and (vi) location, date and time of recording.
N8	The method of measurement and reporting of noise levels must comply with the latest edition of the administering authorities Noise Measurement Manual.
N9	The method of measurement and reporting of noise levels must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required measurements.
N10	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.

Release

Agency interest: Land	
Condition number	Condition
L1	Contaminants must not be released to land.
Agency interest: Waste	
Condition number	Condition
WS1	The operator of an ERA to which this approval relates must not: <ul style="list-style-type: none"> (i) burn waste at or on the site; or (ii) allow waste to burn or be burnt at or on the site; or (iii) remove waste from the site and burn such waste elsewhere.
WS2	There must be no on-site disposal of resin, shot blast sand, paint, solvent, or drums at the site.
WS3	Except when necessarily opened for use, all containers of oils, paints, resins and solvents must be sealed or covered to prevent loss of contents or exposure of the contents to the atmosphere.
WS4	All waste foundry sand and slag produced and stored at the site must be effectively contained to minimise the likelihood of: <ul style="list-style-type: none"> (i) leachate from the material being released to any waters or stormwater drainage system; (ii) such material causing and/or contributing to land contamination; and (iii) being washed or blown out of the designated storage area.
WS5	A Waste Management Plan (WMP) must be implemented that details how the actual and potential environmental impacts resulting from all wastes, that will or may cause environmental harm, produced at the site will be managed.

WS6	<p>The WMP must address at least the following matters:</p> <ul style="list-style-type: none"> (i) the quantity and nature of each waste produced, and (ii) the current method of disposal, and (iii) proposed methods of pre-treatment or disposal, and (iv) expected reduction in quantity of waste produced through waste minimisation and cleaner production, and (v) areas to be set aside for the segregation and storage of recyclable solid wastes; (vi) where practicable recyclable waste is not be deposited in the general waste stream. Such steps may include, but not be limited to provision of receptacles; suitable signage; and promotion of awareness among staff of the recycling service; and (vii) provisions for carrying out and submitting to the administering authority a waste audit every 5 years.
WS7	A copy of the WMP and any amendment of the WMP must be kept at the site and be available for examination by an authorised person on request.
WS8	<p>Where regulated waste is removed from the site (other than by a release as permitted under another schedule of this approval), the operator of an ERA to which this approval relates must monitor and keep records of the following:</p> <ul style="list-style-type: none"> (a) the date, quantity and type of waste removed; and (b) name of the waste transporter and/or disposal operator that removed the waste; and (c) the intended treatment/disposal destination of the waste.
WS9	If the operator of an ERA to which this approval relates becomes aware that a person has removed regulated waste from the site and disposed of the regulated waste in a manner which is not authorised by this approval or improper or unlawful, then the operator of an ERA to which this approval relates must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.

Definitions

Key terms and/or phrases used in this document are defined in this section. Applicants should note that where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

administering authority means the Department of Environment and Heritage Protection or its successor.

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

approval means this environmental authority.

background noise level means either:

$L_{A90,T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than 15 minutes, using Fast response, or

$L_{A90,T}$ being the arithmetic average of the minimum A-weighted sound pressure level readings measured in the absence of the noise under investigation during a representative time period of not less than 15 minutes, using Fast response

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

contaminants means contaminants that will or may cause environmental harm.

cubic metre (m^3) 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.

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.

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.

$L_{A1,adj,10\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 1% of any 10 minutes measurement period, using Fast response.

$L_{A10,adj,10\ mins}$ means the A-weighted sound pressure level, (adjusted for tonal character and impulsiveness of the sound) exceeded for 10% of any 10 minutes measurement period, using Fast response.

land in the land application schedule means land excluding waters and the atmosphere.

mg/ m^3 means milligrams per cubic metre.

noise affected premises means a noise sensitive place or a commercial place.

noise sensitive place means:

- a dwelling, 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;

Release

- a protected area; or
 - a park or gardens; and
- includes the curtilage of such place.

ppm means parts per million.

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.

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Release

Schedules

Schedule 1—Release limits

Table 1 – Contaminant Release Limits to Air

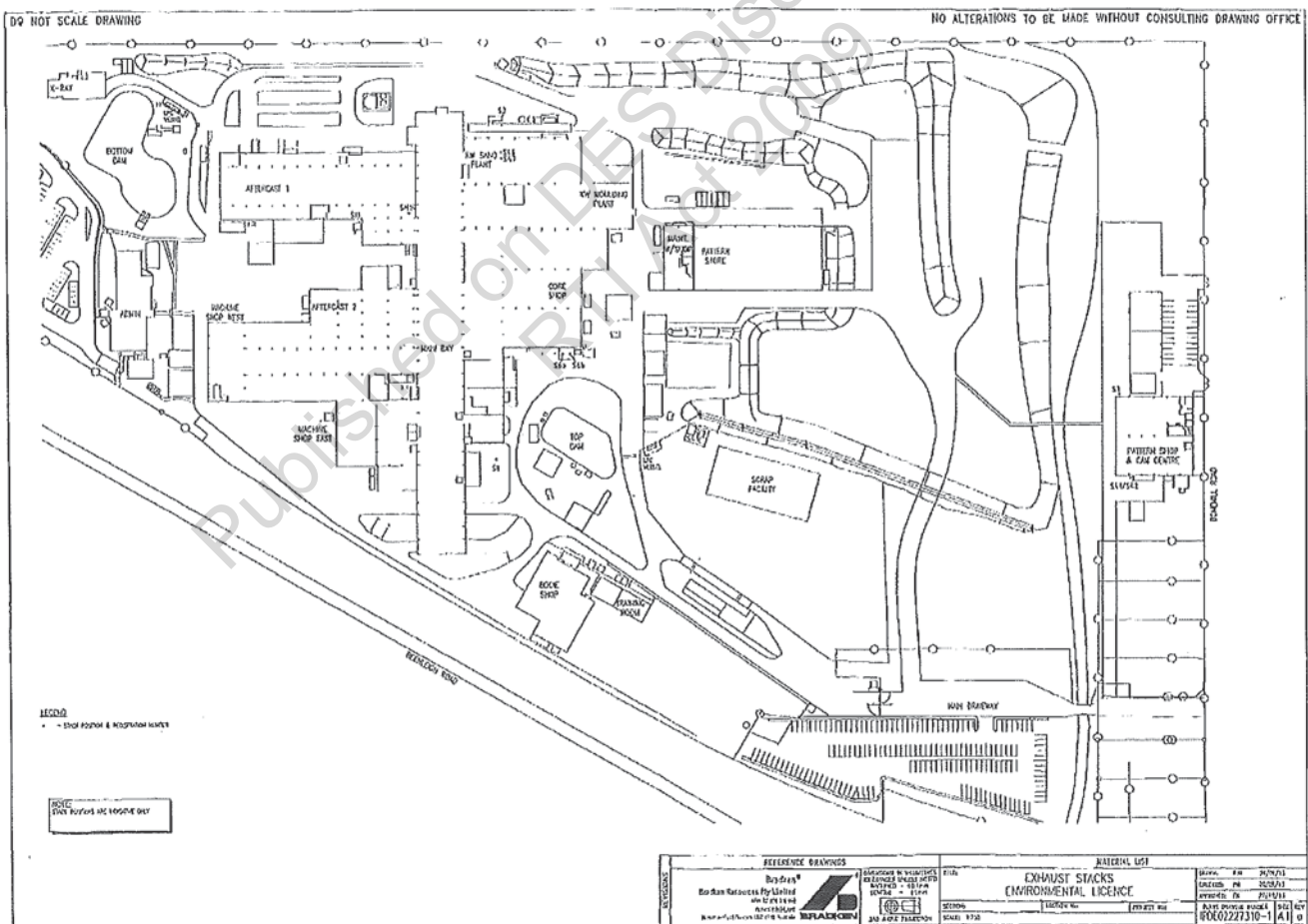
Release point number	Release point description	Minimum release height (metres)	Minimum velocity (m/sec)	Contaminant release	Maximum release limit
S1(a)	Woodworking Extraction System (via cyclone)	NS	NS	NS	NS
S1(b)	Woodworking Extraction System (via baghouse)	NS	NS	NS	NS
S1(c)	Woodworking Extraction System (via baghouse)	NS	NS	NS	NS
S3	KW Sand Plant Extraction System (via baghouse)	25.0	10.0	Total suspended particulates	50 mg/m ³
S4	Jobbing Floor Large Sand Mixer Extraction System (via baghouse)	NS	NS	NS	NS
S6(a)	Amine System (via scrubber (a))	6.7	2.0	Tri-Ethyl Amine	4 ppm
S6(b)	Amine System (via scrubber (b))	6.7	2.0	Tri-Ethyl Amine.	4 ppm
S8	Furnace Extraction System that services both electric arc furnaces (via baghouse)	19.2	10.0	Total suspended particulates	100 mg/m ³
S11	Pangborn Shot Blast Unit (via baghouse)	13.0	10.0	Total suspended particulates	50 mg/m ³
S41	Woodworking Extraction System for CAD-CAM operation (via cyclone)	NS	NS	NS	NS
S42	Woodworking Extraction System for CAD-CAM operation (via baghouse)	NS	NS	NS	NS
S43	Extraction System for Manganese Cutting Bay	14	15	Total suspended particulates	50 mg/m ³
S46	Cooling Line North	28.9	NS	NS	NS
S47	Cooling Line South	28.9	NS	NS	NS
SM14	Wheelabrator Shot Blast (via baghouse)	11.5	10.0	Total suspended particulates	50 mg/m ³

Release

TABLE 2 – Noise Limits

Noise level dB(A) measured as	Monday to Saturday			Sundays and public holidays		
	7am - 6pm	6pm - 10pm	10pm - 7am	9am - 6pm	6pm - 10pm	10pm - 9am
Noise measured at a 'Noise sensitive place'						
L _{A10} , adj, 10 mins	60	60	55	60	60	55
L _{A1} , adj, 10 mins	65	65	60	65	65	60
Noise measured at a 'Commercial place'						
L _{A10} , adj, 10 mins	65	65	60	65	65	60
L _{A1} , adj, 10 mins	70	70	65	70	70	65

Schedule 2 – Map of Contaminant Release Points to Air



END OF PERMIT

Release

Licence No. SR2270 (without development approval) Section 93 *Environmental Protection Act 1994*

This licence to carry out an environmentally relevant activity is issued in accordance with section 93 of the Environmental Protection Act 1994.

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

Bradken Resources Pty Limited
Level 2 The Terrace
155 George Street
SYDNEY NSW 2000

in respect of carrying out the following environmentally relevant activity (ERA):

ERA No - 40(a)(vii) - Metal foundry - commercially producing metal castings using ferrous metals in works having an average annual metal tonnage output of 10 000 tonnes or more.

at the following place/s:

Lot 3, RP 86297, Lot 1, RP 83964, Lots 1, 2, 3, 4, RP 69078, Lots 6, 7, 9, RP 68078, County of Stanley, Parish of Yeerongpilly

located at: 76 Nathan Road
RUNCORN QLD 4113

This licence is subject to the conditions set out in the attached schedules.

The anniversary date of this licence is 25 March

This licence takes effect from 8 February 2002.

.....
Signed

.....
Date

Michael Ronan
Acting Manager (Licensing)
Delegate of Administering Authority
Environmental Protection Act 1994

Note: This licence document is not proof of the current status of the licence. The current status of the licence may be ascertained by contacting the Environmental Protection Agency.

Schedule of conditions

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

This licence incorporates the following schedules of conditions relevant to various issues:

- Schedule A – General Conditions
- Schedule B – Air
- Schedule C – Water
- Schedule D – Stormwater Management
- Schedule F – Noise
- Schedule G – Waste Management
- Schedule H – Self Monitoring and Reporting
- Schedule I – Definitions
- Schedule J – Noise Audit

Schedule A - General conditions

Display of Environmental Authority

- (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) No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.

An example of a substantial increase in the risk of environmental harm is an increase of 10% or more in the quantity of the contaminant to be released into the environment.

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 Management Plan

- (A5) By 1 August 1998 the holder of this environmental authority, must develop and implement an effective and appropriate Site-based Management Plan that details how the holder of this environmental authority will manage the actual and potential environmental impacts resulting from the carrying out of the environmentally relevant activity/activities.

(A6) The Site-based Management Plan must address at least the following matters:

- Routine operating procedures to prevent or minimise environmental harm, however occasioned or caused during normal operations;
- Maintenance practices and procedures, including procedures for determining when filters need to be replaced and; replacing filters on the core shop spraying booths;
- Burner maintenance program;
- Measures to prevent the release of contaminants that will or may cause environmental harm to land or waters, (such as the storage of drums containing waste to be stored within a bunded area with their closures in place);
- Contingency plans and emergency procedures to deal with foreseeable risks and hazards including corrective responses to prevent and mitigate environmental harm (including any necessary site rehabilitation and the loading/unloading of bulk materials to take place only within designated vehicle loading/unloading areas);
- Monitoring of the release of contaminants into the environment including procedures, methods, record keeping and notification of results;
- Assessment of the environmental impact of any releases of contaminants that will or may cause environmental harm into the environment including procedures, methods, record keeping and notification of results;
- Handling of environmental complaints;
- Keeping and production of environmental records and reports;
- Lines and methods of communication to be utilised for communication of procedures, plans, incidents, potential environmental problems and results, including a feedback mechanism to ensure that management is made aware of potential environmental problems and any failure of procedures adopted; and
- Staff training and awareness of environmental issues related to the operation of the environmentally relevant activities, including responsibilities under the Environmental Protection Act.

(A7) A copy of the Site-based Management Plan and any amendment of the Site-based Management Plan must be kept at the licensed place and be available for examination by an authorised person on request.

END OF CONDITIONS FOR SCHEDULE A

Schedule B - Air

Specified Releases of Contaminants to the Atmosphere

- (B1) Contaminants resulting from the operation of the sources described in Table 1 of the air schedule must only be released to the atmosphere from those release points specified in Table 1 of the air schedule.
- (B2) Contaminants released from each release point specified in Table 1 of the air schedule must be directed vertically upwards without any impedance or hindrance.
- (B3) Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1 of the air schedule.
- (B4) Contaminants must be released to the atmosphere from a release point at a velocity not less than the corresponding velocity stated for that release point in Table 1 of the air schedule.
- (B5) Contaminants must not be released to the atmosphere from a release point at a concentration, as measured at a monitoring point specified in Schedule H, in excess of that stated in Table 2 of the air schedule.

- (B6) Except as provided for by condition B7, contaminants released to the atmosphere from a release point specified in Table 3 of the air schedule must be treated by a fabric filter dust collector that is maintained in a proper and efficient condition and operated in a proper and efficient manner prior to any release of such contaminants from such release points.
- (B7) Contaminants released to the atmosphere from release point S1a and S41 specified in Table 3 of the air schedule must be treated by a cyclone that is maintained in a proper and efficient condition and operated in a proper and efficient manner prior to any release of such contaminants from such release points. This condition applies until such time as the cyclone that serves that release point is replaced or fails to be capable of efficient operation after which time condition B6 will apply to such release point(s).

SCHEDULE B -Table 1

RELEASE POINT NUMBER	SOURCE DESCRIPTION	MINIMUM RELEASE HEIGHT (metres above ground)	MINIMUM EFFLUX VELOCITY (metres/second)
S3	KW Sand Plant Extraction System (via baghouse)	25.0	10.0
S6(a)	Amine System (via Scrubber (a))	6.7	2.0
S6(b)	Amine System (via Scrubber (b))	6.7	2.0
S6(c)	Amine System (via Scrubber (c))	6.7	2.0
S8	Furnace Extraction System that services both electric arc furnaces (via baghouse)	19.2	10.0
S11	Pangborn Shot Blast Unit (via baghouse)	13.0	10.0
SM14	Wheelabrator Shot Blast (via baghouse)	11.5	10.0

SCHEDULE B - Table 2

RELEASE POINT NUMBER	CONTAMINANT	CONCENTRATION RELEASE LIMIT
S3	Total suspended particulates	50 mg/m ³
S6(a)	Di-methyl Ethyl Amine.	5 ppm
S6(b)	Di-methyl Ethyl Amine.	5 ppm
S6(c)	Di-methyl Ethyl Amine.	5 ppm
S8	Total suspended particulates	100 mg/m ³
S11	Total suspended particulates	50 mg/m ³
SM14	Total suspended particulates	50 mg/m ³

SCHEDULE B - Table 3

RELEASE POINT NUMBER	SOURCE DESCRIPTION
S1(a)	Woodworking Extraction System (via cyclone)
S1(b)	Woodworking Extraction System (via baghouse)
S1(c)	Woodworking Extraction System (via baghouse)
S4	Jobbing Floor Large Sand Mixer Extraction System (via baghouse)
S41	Woodworking Extraction System for CAD-CAM operation (via cyclone)
S42	Woodworking Extraction System for CAD-CAM operation (via baghouse)

Fabric Filter Dust Collector (FFDC)

- (B8) All contaminants leaving those release points numbered S1b, S1c, S3, S4, S8, S11, SM14, S42 described in Table 1 must be treated in a fabric filter dust collector (FFDC) prior to leaving each release point.
- (B9) All collected material removed from FFDCs must be removed and disposed of in a manner that will minimise the likelihood of release of the collected contaminants to the atmosphere or to waters.
- (B10) FFDCs serving release points S3, S8, S11 and SM14 must be automatically cleaned by the reverse pulse or mechanical shaking method.
- (B11) By the 31 March 1998, a differential pressure sensor must be installed on the FFDCs serving release points S3, S8, S11 and SM14. For other FFDCs, practices and procedures must be implemented to ensure the proper and efficient operation of the FFDCs.
- (B12) By the 31 March 1998, a visual alarm must warn the operator in charge of the FFDCs serving release points S3, S8, S11 and SM14 whenever the pressure differential across the fabric exceeds 2.5 kilopascals. For other FFDCs, practices and procedures must be implemented to ensure the proper and efficient operation of the FFDCs.
- (B13) By the 31 March 1998, a filter medium breakthrough detector must be installed in the outlet of the FFDCs serving release points S3, S8, S11 and SM14. For other FFDCs, practices and procedures must be implemented to ensure the proper and efficient operation of the FFDCs.
- (B14) By the 31 March 1998, a visual alarm must warn the operator in charge of the FFDCs serving release points S3, S8, S11 and SM14 whenever filter medium breakthrough occurs. For other FFDCs, practices and procedures must be implemented to ensure the proper and efficient operation of the FFDCs.
- (B15) If a filter medium breakthrough occurs on any of the FFDCs identified in the application for the environmental authority, the corresponding equipment that produces the emissions must be shut down as soon as practicable.
- (B16) Replacement bags for the FFDCs must be held on site or be readily available from a local contract maintenance service company at all times.

Sand Silos

- (B17) The filling of all silos must be controlled by automatic devices which prevent silos from being filled beyond their nominal capacity.

Fume Control - Arc furnaces (2 x 7.5 tonne)

- (B18) Silos that would otherwise release particulates to the atmosphere must be served by a fabric filter.
- (B19) Pouring spouts are to be plugged during melting, unless there is an extraction system in place.

Feedstock - Arc Furnaces

- (B20) The purchasing and inspection of scrap metal for use in melting furnaces must be in accordance with the holder of this environmental authority's documented procedures for purchase specifications and incoming inspections to ensure that scrap metal is not contaminated by any oil, grease, polymer, paint or heavy metal plating.

Fuel Burning

- (B21) The only type of fuel to be burned in the following industrial fuel burning equipment is natural gas.

Industrial fuel burning equipment

- (i) Scrap Preheating Equipment
- (ii) Ladle Preheating Equipment
- (iii) Heat Treatment Furnace and Ovens
- (iv) Preheat Oven

Scrap Preheating

- (B22) The purchasing and inspection of scrap metals for use in preheating furnaces must be in accordance with the holder of this environmental authority's documented procedures to ensure scrap metal is not contaminated by any oil, grease, polymer, paint or heavy metal plating.

Heat Treatment Furnaces and Ovens, Preheat Oven

- (B23) Input charges to heat treatment furnaces and preheat ovens must consist of iron or steel components only and must not be contaminated by any oil, grease, polymer, paint, heavy metal plating or any other non-refractory coating.

Amine Scrubbers - Core Plant Curing (Release point numbers S6 (a) S6(b) S6(c))

- (B24) The exhaust from the core box/boxes in the Core Plant Curing Area must be treated in an amine scrubber prior to release to the atmosphere.
- (B25) All plant and equipment which comprises the amine scrubbing system, including exhaust scrubbers, must be maintained and operated in accordance with proper and efficient practices, so as to ensure the effective environmental performance of the amine scrubber. These practices must be incorporated in the Bradken Brisbane K.W. Plant Procedures Manual - Amine (doc ref BK1-AP.01).
- (B26) The Bradken-Brisbane K.W. Plant Procedures Manual - Amine (doc ref BK1-AP.01) and any amendments to the manual must be kept at the licensed place and be made available to an authorised person on request.
- (B27) The liquor in the scrubber(s) must be maintained at a pH level of less than 2.
- (B28) The scrubber(s) must be fitted with a device to monitor the pH of the scrubbing liquor.
- (B29) The scrubber and ancillary equipment, containing liquor or chemicals, must be installed within a bunded area capable of containing 110% of the volume of all liquids stored or used within the bund.
- (B30) If the measured scrubbing liquor pH is above 2 and/or the scrubbing liquor recirculation rate falls below that rate required for the effective operation of the scrubber and/or the scrubber fails to operate in accordance with the conditions of this environmental authority, the corresponding activity, including any operation of equipment, that produces the emissions treated in the scrubber must cease as soon as practicable.

Spray painting

- (B31) Spray painting in the open must be carried out using all reasonable and practicable means to ensure that the releases of solvents, paint fumes and paint particulates do not cause any adverse effect on persons living in or using the area beyond the boundaries of the licensed place.

Dust Control

- (B32) By 1 December 1998 all trafficable areas must be sealed with bitumen or an equivalent hard surface and cleaned as often as is necessary so as to minimise the release of wind blown and traffic generated dust from such areas.

- (B33) By 1 June 1998 water sprays must be operated to minimise the release of particulate matter from all temporary storages of waste foundry sand and slag.

Complaint Investigation

- (B34) The holder of this environmental authority must investigate any complaint concerning odour and fume received from a person allegedly affected by the odours/fumes and any complaint notified in writing by the administering authority. The investigation must address the adequacy of measures implemented to prevent odour and fume releases causing an environmental nuisance and whether any remedial actions are necessary and whether practices and procedures incorporated into the Site-based Management Plan need to be updated to prevent such occurrences.

END OF CONDITIONS FOR SCHEDULE B

Schedule C - Water

Environmental Management Program (EMP)

- (C1) The holder of this environmental authority is required to prepare and carry out an environmental management program which includes the management of leachate waters and stormwater management dams at the licensed place. This requirement is made by separate written notice under section 82 of the Act.
- (C2) By the completion of the redevelopment of the site, but no longer than 1 June 1999 contaminants that will or may cause environmental harm must not be directly or indirectly released from the licensed place to any surface waters or groundwaters.

END OF CONDITIONS FOR SCHEDULE C

Schedule D - Stormwater management

Release of Contaminated Stormwater Runoff

Stormwater Management Plan

- (D1) By 1 February 1998, the holder of this environmental authority, must develop and implement an effective and appropriate Stormwater Management Plan which details how the holder of this environmental authority will manage the actual and potential environmental impacts resulting from the contamination of stormwater at the licensed place.
- (D2) The Stormwater Management Plan must address at least the following matters:
- (i) prevention of incident stormwater and stormwater runoff from contacting wastes or contaminants;
 - (ii) diversion of upstream runoff away from areas containing wastes or contaminants, including trafficable areas and waste storage areas;
 - (iii) minimisation of the size of contaminated areas;
 - (iv) cleaning of contaminated areas without water;
 - (v) installation of pollution control equipment such as oil separators, silt and rubbish traps, stormwater diversion systems, sedimentation ponds and settling pits where practical;
 - (vi) paving and roofing of contaminated areas;
 - (vii) sampling and monitoring of any contaminated stormwater released from the licensed place to waters for contaminants likely to be present in the stormwater and assessment of the impact of any such releases on the receiving environment; and
 - (viii) recording and reporting the results of the monitoring of stormwater releases and any assessment of the impacts of the releases on the receiving environment to the administering authority.

- (D3) A copy of the Stormwater Management Plan and any amendment of the Stormwater Management Plan must be kept at the licensed place and be available for examination by an authorised person on request.

General

- (D4) The maintenance and cleaning of vehicles and any other equipment or plant, where such maintenance and cleaning has the capacity to release contaminants which will or may cause environmental harm, must be carried out in areas from where contaminants cannot be released into any waters, roadside gutter or stormwater drainage system.
- (D5) Any spillage of wastes, contaminants or other materials capable of causing environmental harm or nuisance must be cleaned up as quickly as practicable. Such spillage's must not be cleaned up by hosing, sweeping or otherwise releasing such wastes, contaminants or material to any stormwater drainage system, roadside gutter or waters.

Bunding

- (D6) By 1 June 1998, all liquid chemical tank storages used to contain raw materials, processed materials and/or wastes, must be banded so as to effectively contain a volume equivalent to at least that of 100 % of the largest storage tank plus 10 % of the second largest tank within the bund.
- (D7) By 1 June 1998, all liquid chemical drum storages, used to contain raw materials, processed materials and/or wastes, including storages of oils, paints, solvents and resins, must be banded so as to effectively contain a volume equivalent to at least 25% of the maximum design storage volume within the bund.
- (D8) By 1 November 1998, all banded areas must be roofed where practicable.
- (D9) Where it is impractical to completely roof a banded area the holder of this environmental authority must ensure that any stormwater captured within the bund is treated through an oil separator and discharged to sewer as per trade waste agreement.

END OF CONDITIONS FOR SCHEDULE D

Schedule F - Noise

Emission of Noise

- (F1) Noise emissions from the foundry shall be subject to the following:
- (i) The holder of this environmental authority must carry out, document and report upon a noise audit as required by conditions J1 to J5 inclusive of Schedule J - Noise Audit; and
 - (ii) The emission of noise from the licensed place must not result in the levels of noise greater than those specified in Schedule F Table 1; and
 - (iii) The Main Foundry doors, specifically the Scrap Entry Door, Anode Yoke Processing Cell Door and the Northern Main Bay Door, must be kept closed at all times after 8.30 pm and before 6.00 am; and
 - (iv) External telephone repeater bells and amplified address systems must not be used after 8.30 pm nor before 6.00 am.
 - (v) External Riser Knockoff work is to occur between the hours of 8 am and 5 pm.
 - (vi) Metal Unloading from trucks is to occur between the hours of 7 am and 5 pm.

SCHEDULE F TABLE 1

INTERIM NOISE LIMITS AT A NOISE SENSITIVE PLACE	
<i>Period</i>	<i>Noise Level at a Noise Sensitive Place Measured as the Maximum Sound Pressure Level</i> $MaxL_{pA,T}$ (no adjustments)
Monday to Saturday 7 am - 6 pm	75 dB(A)
Monday to Saturday 6 pm - 10 pm	70 dB(A)
Monday to Saturday 10 pm - 7 am	65 dB(A)
All other times and public holidays	70 dB(A)
INTERIM NOISE LIMITS AT A COMMERCIAL PLACE	
<i>Period</i>	<i>Noise Level at a Commercial Place measured as the Maximum Sound Pressure Level</i> $MaxL_{pA,T}$ (no adjustments)
Monday to Saturday 7 am - 6 pm	75 dB(A)
Monday to Saturday 6 pm - 10 pm	70 dB(A)
Monday to Saturday 10 pm - 7 am	65 dB(A)
All other times and public holidays	70 dB(A)

- (F2) Table 1 is to be reviewed after completion of the engineering works associated with the noise audit, by December 1998, with the target being Table 2.

SCHEDULE F TABLE 2 -

NOISE LIMITS AT A NOISE SENSITIVE PLACE	
<i>Period</i>	<i>Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level</i> $MaxL_{pA,adj,T}$
Monday to Saturday 7 am - 6 pm	65 dB(A)
Monday to Saturday 6 pm - 10 pm	55 dB(A)
Monday to Saturday 10 pm - 7 am	55 dB(A)
All other times and public holidays	55 dB(A)
NOISE LIMITS AT A COMMERCIAL PLACE	
<i>Period</i>	<i>Noise Level at a Commercial Place measured as the Adjusted Maximum Sound Pressure Level</i> $MaxL_{pA,adj,T}$
Monday to Saturday 7 am - 6 pm	65 dB(A)
Monday to Saturday 6 pm - 10 pm	55 dB(A)
Monday to Saturday 10 pm - 7 am	55 dB(A)
All other times and public holidays	55 dB(A)

END OF CONDITIONS FOR SCHEDULE F

Schedule G - Waste management

General

- (G1) The holder of this environmental authority must not:
- (i) burn waste at or on the licensed place; or
 - (ii) allow waste to burn or be burnt at or on the licensed place; or
 - (iii) remove waste from the licensed place and burn such waste elsewhere.
- (G2) There must be no on-site disposal of resin, shot blast sand, paint, solvent, or drums at the licensed place.
- (G3) On-site disposal of foundry sand and slag must be in compliance with the requirements set out in the letter to Mr G. Chaplin from the Manager, Waste Management Branch, Department of Environment dated 18 October 1996.

Material Storage and Handling

- (G4) Except when necessarily opened for use, all containers of oils, paints, resins and solvents must be sealed or covered to prevent loss of contents or exposure of the contents to the atmosphere.

Waste Storage and Handling Conditions

- (G5) All waste foundry sand and slag produced after 30 December 1997 and stored at the licensed place must be effectively contained on a hard stand area to minimise the likelihood of:
- (i) leachate from the material being released to any waters or stormwater drainage system;
 - (ii) such material causing and/or contributing to land contamination; and
 - (iii) being washed or blown out of the designated storage area.

Waste Management Plan (WMP)

- (G6) By 1 August 1998, the holder of this environmental authority, must develop and implement an effective and appropriate Waste Management Plan that details how the holder of this environmental authority will manage the actual and potential environmental impacts resulting from all wastes, that will or may cause environmental harm, produced at the licensed place.
- (G7) The Waste Management Plan must address at least the following matters:
- (i) the quantity and nature of each waste produced, and
 - (ii) the current method of disposal, and
 - (iii) proposed methods of pre-treatment or disposal, and
 - (iv) expected reduction in quantity of waste produced through waste minimisation and cleaner production, and
 - (v) areas to be set aside for the segregation and storage of recyclable solid wastes.
 - (vi) where practicable recyclable waste is not be deposited in the general waste stream. Such steps may include, but not be limited to provision of receptacles; suitable signage; and promotion of awareness among staff of the recycling service.
 - (vii) provisions for carrying out and submitting to the administering authority a waste audit within 2 years of the date of issue of this environmental authority and thereafter every 5 years.
- (G8) A copy of the Waste Management Plan and any amendment of the Waste Management Plan must be kept at the licensed place and be available for examination by an authorised person on request.

Off Site Movement

- (G9) Where regulated waste, as defined by Brisbane City Council, is removed from the licensed place (other than by a release as permitted under another schedule of this environmental authority), the holder of this environmental authority must monitor and keep records of the following:
- (a) the date, quantity and type of waste removed; and
 - (b) name of the waste transporter and/or disposal operator that removed the waste; and
 - (c) the intended treatment/disposal destination of the waste.

Notification of Improper Disposal Of Regulated Waste

- (G10) If the holder of this environmental authority becomes aware that a person has removed regulated waste from the licensed place and disposed of the regulated waste in a manner which is not authorised by this environmental authority or improper or unlawful, then the holder of this environmental authority must, as soon as practicable, notify the administering authority of all relevant facts, matters and circumstances known concerning the disposal.

END OF CONDITIONS FOR SCHEDULE G

Schedule H - Self monitoring and reporting

Complaint Recording

- (H1) 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.
- (H2) The complaints record required by condition number H1 must be maintained for a period of not less than 5 years.

Notification of Emergencies and Incidents

- (H3) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, as soon as practicable after becoming aware of any emergency or incident that results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.

Monitoring of Contaminant Releases to the Atmosphere

- (H4) Monitoring facilities with sample access holes complying with the Australian Standard AS 4323.1 - 1995 "Stationary source emissions Method 1: Selection of sampling provisions" and safe access to such facilities must be provided for all the release points listed in Schedule B Table 1.

Noise Monitoring

- (H5) For the purposes of investigating any complaint made about noise that allegedly constitutes an annoyance and monitoring to confirm noise levels predicted in a noise audit, monitoring and recording of the noise levels from the activity/activities must be undertaken for the following descriptors, characteristics and conditions:
- (i) $L_{Amax, adj T}$;
 - (ii) $L_{Aeq, T}$ or $L_{A90, T}$;
 - (iii) $L_{AN, t}$ (where N equals statistical levels of 1, 10, 50, 90 and 99);
 - (iv) $Max L_{pA T}$;
 - (v) $L_{Aeq, T}$;
 - (vi) The level and frequency of occurrence of impulsive or tonal noise;
 - (vii) Atmospheric conditions including temperature, relative humidity and wind speed and direction;
 - (viii) Effects due to extraneous factors such as traffic noise; and
 - (ix) Location, date and time of recording.
- (H6) Environmental noise monitoring must be undertaken to investigate any complaint of noise annoyance upon receipt of a written request from the administering authority to carry out such monitoring.
- (H7) The method of measurement and reporting of noise levels must comply with the Department of Environment and Heritage Noise Measurement Manual, second edition, March 1995, or more recent additions or supplements to that document as become available.
- (H8) The measurement and reporting of noise levels must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required measurements.
- (H9) 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.

Report Submission

- (H10) 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.

Exception Reporting

- (H11) The holder of this environmental authority must notify the administering authority in writing within 28 days of completion of analysis of any result of a monitoring program required by a condition of this environmental authority that indicates an exceedance of any limit specified in this environmental authority.
- (H12) The written notification required by condition number H11 above must include:
- (i) The full analysis results, and
 - (ii) Details of investigation or corrective actions taken, and
 - (iii) Any subsequent analysis.

END OF CONDITIONS FOR SCHEDULE H

Schedule I - Definitions

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

- (I1) "land" in the Land Application Schedule, means land excluding waters and the atmosphere.

- (I2) "contaminants" means contaminants that will or may cause environmental harm.

Air Definitions

- (I3) "mg/m³" means milligrams per cubic metre.
- (I4) "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.
- (I5) "point source" means any stack, chimney, vent, infrastructure, or device which is designed to cause or allow the release of contaminants to the atmosphere.
- (I6) "ppm" means parts per million.

Noise Definitions

- (I7) " $L_{Amax,adj,T}$ " means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than 15 minutes, using Fast response.
- (I8) "background noise level" means either:
- $L_{A90,T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than 15 minutes, using Fast response, or
- $L_{A_{bg},T}$ being the arithmetic average of the minimum readings measured in the absence of the noise under investigation during a representative time period of not less than 15 minutes, using Fast response.
- (I9) " $MaxL_{pA,T}$ " means the maximum A-weighted sound pressure level measured over a time period of not less than 15 minutes, using Fast response.
- (I10) " $MaxL_{pA,adj,T}$ " means the maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than 15 minutes, using Fast response
- (I11) "noise sensitive place" means -
- (a) a dwelling, mobile home or caravan park, residential marina or other residential premises; or
 - (b) a motel, hotel or hostel; or
 - (c) a kindergarten, school, university or other educational institution; or
 - (d) a medical centre or hospital; or
 - (e) a protected area; or
 - (f) a public park or gardens.
- (I12) "commercial place" means a place used as an office or for business or commercial purposes.
- (I13) "annoyance". In determining what constitutes "annoyance" regard must be had to Australian Standard 1055.2 - 1989 Acoustics - Description and Measurement of Environmental Noise Part 2 Application to specific situations.
- (I14) A "protected area" means under the regulations:
- (a) a protected area under the *Nature Conservation Act 1992*; or
 - (b) a marine park under the *Marine Parks Act 1982*; or
 - (c) a World Heritage Area.
- (I15) A "park or garden", means a park or garden open to the public as of right whether by the payment of a fee or otherwise.

END OF CONDITIONS FOR SCHEDULE I

Schedule J - Noise Audit

- (J1) The holder of this environmental authority must:
- (a) carry out a noise audit to determine the level of noise caused by the carrying out of the environmentally relevant activity and any noise abatement measures necessary to ensure that such noise emissions caused do not result in any environmental nuisance at any noise sensitive place or commercial place (the purpose of the noise audit).
 - (b) lodge with the administering authority on or before **1 August 1997** and at **3 monthly** intervals thereafter until 1 February 1998, a brief report describing the progress in carrying out the noise audit; and
 - (c) on or before **1 February 1998**, have completed the noise audit.
- (J2) The holder of this environmental authority must do all such acts and things necessary to achieve the purpose of the noise audit. Notwithstanding this requirement, the following conditions must be complied with in carrying out the noise audit.
- (i) The background noise level must be determined for those areas beyond the boundaries of the licensed place where noise emissions resulting from the carrying out of the environmentally relevant activity will or may cause an environmental nuisance at any noise sensitive place and/or commercial place.
 - (ii) The determination of background noise levels must be undertaken for those periods of the day when the environmentally relevant activity is carried out and is likely to be carried out. "Periods of the day" for the purposes of this condition (J2) are:

Day period:	7.01 a.m. to 6.00 p.m.
Evening period:	6.01 p.m. to 10.00 p.m.
Night period:	10.01 p.m. to 6.00 a.m.
Morning period:	6.01 a.m. to 7.00 a.m.
 - (iii) The sources of noise, including equipment operated and activities undertaken, that are reasonably likely to contribute to noise emissions that will or may cause environmental nuisance from the carrying out of the environmentally relevant activity must be identified and documented. Those sources of noise that are impulsive and/or tonal in character must also be identified and the degree of impulsiveness and/or tonality determined and documented.
 - (iv) The level of noise caused by the carrying out of the environmentally relevant activity at those areas beyond the boundaries of the licensed place identified in J2(i) must be measured. Such noise levels must be measured for at least:
 - (a) the adjusted average maximum A-weighted sound pressure level $L_{Amax,adj,T}$; and
 - (b) the maximum A-weighted sound pressure level $MaxL_{pA,T}$; and
 - (c) for any predominant sources of noise that exhibit tonal and/or impulsive characteristics, one third octave band spectra.
 - (v) The measurement of noise as required in J2(iv) must be undertaken at a sufficient number of locations and sufficiently frequently to effectively determine the likely effects of the noise on the receiving environment and must include:
 - (a) times representative of those periods of the day when the environmentally relevant activity will or may be carried out; and
 - (b) measurements during those conditions conducive to noise propagation to potentially affected noise sensitive places and/or commercial places, for example when the wind is blowing towards such places, or, if temperature inversion is likely to increase noise levels at such places, when such an inversion is evident; and

- (c) in cases where the noise released from the carrying out of the activity has a directional component, for example where noise is emitted inside a building and is predominantly released through an opening in a building facade, those locations where the level of noise experienced is likely to be greatest.
- (vi) Where sources of noise are identified that are likely to cause environmental nuisance, then all reasonable and practicable means which are capable of reducing the noise emissions must be identified. Reasonable and practicable means must include but are not necessarily limited to amended work methods, practices and procedures, operation of plant and/or equipment, including alternate plant and/or equipment, and noise controls, including control at source and modification of the sound propagation path.
- (vii) The reasonable and practicable means identified to reduce noise levels must be documented, including reasons for preferring the options identified.
- (viii) The cumulative level of noise that would be expected to result at those locations identified in J2(i) and J2(v) following implementation of the identified reasonable and practicable means proposed to reduce noise levels must be predicted. Such predictions may be based on any reliable method including measurement of noise source(s) at a reference distance, calculation of sound power and directivity in accordance with a relevant Australian Standard, modelling, and measurement during a trial.
- (ix) The basis of the predictions made in J2(viii) must be documented, including any data and/or modelling used.
- (x) An implementation timetable detailing the reasonable and practicable means proposed to reduce noise levels must be prepared. Implementation times must be as soon as is reasonably practicable.
- (xi) Practices and procedures identified as necessary to maintain acceptable noise levels must be documented and incorporated into the Site-based Management Plan.
- (xii) In conjunction with the monitoring and recording of noise levels, the following parameters, conditions and information must be recorded:
 - (a) Location, date and time of recording;
 - (b) Atmospheric conditions including temperature, relative humidity and wind speed and direction; and
 - (c) Effects due to extraneous factors such as traffic noise.
- (xiii) The method of measurement and reporting of noise levels must comply with the Department of Environment and Heritage Noise Measurement Manual, second edition, March 1995, or more recent additions or supplements to that document as become available.
- (xv) The measurement and reporting of noise levels and conduct of the noise audit must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required measurements and audit.
- (xvi) In carrying out the noise audit, use may be made of any relevant and appropriate plans, procedures, quality assurance manuals, prior reports, environmental impact assessment or other relevant documents previously prepared that satisfy the requirements of the noise audit.

Noise Audit Report Submission

- (J3) The results of the noise audit, including recommendations, the proposed implementation timetable must be submitted to the administering authority in a report by **31 December 1998**.

Confirmation of Predicted Noise Levels

- (J4) Following implementation of the reasonable and practicable means identified in the noise audit as necessary to prevent any environmental nuisance, the holder of this environmental authority must **within 2 months** measure the noise levels at the relevant locations during the relevant time periods and relevant conditions to confirm that predicted noise levels are being met.
- (J5) Measurement and reporting of noise levels to confirm predicted noise levels must be undertaken in conformity with conditions H5, H6, H7, H8 and H9 of this environmental authority.

END OF CONDITIONS FOR SCHEDULE J

END OF ENVIRONMENTAL AUTHORITY

Published on DES Disclosure Log
RTI Act 2009

Application coversheet

Request to Amend EA – process for all environmental authorities (BPM Scenario 9 – ERA (major/minor), Scenario 10 – Mining (Minor), Scenario 24 – Petroleum, GHG storage or Geothermal (minor))

Note: supplementary coversheet will need to be drawn up to include EIS and public notification processes for Mining and petroleum related applications.

Environmental Protection Act 1994 – Section 224-226 Post Green Tape

Application details			
Client	Bradken Resources Pty Limited	Project Reference No.	241112
Activity	ERA 29-(1D) Metal foundry operation	Permit No.	EPPR00247513
Location	76 Nathan Road, Runcorn	Tenure / Lot on Plan	Lots 1-4 RP69078, Lots 6, 7 & 9 RP68078, Lot 1 RP83964 & Lot 3 RP86297
Keeper/Edocs File No.	SOR117795	Assessing officer	Renee Flinders
Application progress		Dates	Notes / Comments
Date Application Received (PALM)		30-SEP-13	
Date Validated (date PALM determine certain criteria are met) s222		01-OCT-13	
Date Received (in Regional Office from PALM)		03-OCT-13	
Is there a potential "biodiversity offset" requirement? <i>If a check to identify the presence or absence of state significant biodiversity values (SSBV's) has not been undertaken by PaLM, use the EcoMaps Biodiversity Offsets session as an initial check for SSBV's within the impact area. SSBV's requiring an offset for unavoidable impacts are found in Appendix 1, and activities to which the policy applies are found in Chapter 5 of the Qld Biodiversity Offsets Policy 2011.</i>		☐ YES / UNSURE – refer the application to a Biodiversity Offset Officer ☐ NO	
Assessment Level Decision (ALD) s228 <i>Decision must be decided within 10BD</i>		☒ Major ☐ Minor	16-OCT-13
<ul style="list-style-type: none"> If a request needs to be made to PaLM to amend application from "Minor" to "Major" or vice versa – check that any documents attached to Integrated Docs in Ecotrack are saved for transfer to the new amendment application once it is set up. Email PaLM to request change from "Minor" to "Major" or vice versa if necessary and once this has been done move any relevant documents (as above) to the newly created amendment application. Check Ecotrack to ensure that all sites and locations are correct for the newly created amendment application. If sites are being removed or added ensure that they are correct also. 			
Notice of Assessment Level Decision (ALD) s229 (EM841) <i>Notice must be issued within 10BD of decision. Major must contain reasons for</i>			30-OCT-13

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decision.		
If Minor amendment Decision Due (EM797 permit approved as applied for) or (EM845 refused or approved with additional changes) <i>Within 10BD of the notice of ALD is given</i>		
If Major amendment, decide if information request required <i>The information request must be issued within the information request period which is 20 business days after the ALD Notice is given s232(3)(a) s144(a)</i>		
Extend info request period (EM760) <i>The information request period can be extended by written notice by no more than 10BD and must be given before the information request period ends s145.</i>		
Extended by agreement (EM768) <i>The information request period may only be further extended by agreement with the applicant. This agreement must be obtained within the request period</i>		
Information Request issued (EM758)		
Information request due in (6 months from issue date)		
Decision Due <i>Within 20 BD after the information request received or after the information request period ends.</i>	13-NOV-13	
Decision period extension (EM760) <i>The decision period may be extended by written notice by not more than 20 business days. Only 1 notice can be given and it must be given before the decision period ends s168(2)(3)</i>		
Extended by agreement (EM768) <i>The decision period may be further extended if the applicant gives written agreement.</i>		
Extended Decision Due date		
Decision Notification (EM788 ERA major) (EM845 – ERA refusal or changes made by EHP not applied for) (EM797 ERA permit approved as applied for) (EM792 – mining decision notice) <i>Within 10 BD after the decision to grant or refuse the amendment application, DERM must give an amended EA to the applicant OR give an information notice about the decision to refuse S258.</i> <i>Please note: If EHP are concurrence agency a cc of final decision needs to be sent to the assessment manager.</i> <i>After the amendment is made the applicant may submit an amended version of the current EM Plan for the EA, however the amended EM Plan can only be amendments that are necessary to reflect the amendment to the EA S258A.</i>		

Key Statutory Information

If you require information relating to EIS and Public notification processes for mining related amendments please see Business Process Map 10 which details the applicable processes.

If you require information relating to EIS and Public notification processes for Petroleum GHG storage or geothermal activity related amendments please see Business Process Map 24 which details the applicable processes.

Administrative Checks between Application and Ecotrack only	Yes	No	N/A
1. Ensure that Ecotrack is showing the application and correct due dates (timeframes).	☐		
2. Ensure contact details are correct in Ecotrack. (ABN/ACN, name, addresses, phone nos. etc)	☐		☐
3. Location Activity - ensure LGA (unless mobile) and Address are entered.	☐		☐
4. Ensure Lot Plan/Tenure details are correct (check in a mapping system e.g. SMIS, QNtime). (If different update Ecotrack if appropriate and print out hard copy to attach to this checklist)	☐		☐
5. Ensure office responsible, project director and project manager details are correct.	☐		

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6. For ERA 57 Regulated Waste Transport ensure vehicle details are entered.	☐		☐
7. For all Surrender, Transfer and Change to Anniversary Date applications. Are all annual return forms and fees up-to-date? (If NO return application to PaLM for invalidating.)	☐	☐	☐

Refer to the "Application Coversheet Instructions" for more detailed information.

	Keeper (Create / update file)	Tracking System Updated	Copy for File	Copy for Public Register	Ecotrack (Update timeframes)	Ecotrack (Upload signed copy)
Actioned	✓ (6) Personal	✓ (6) Personal i				

Name

Signature

Date

Lightfoot Veronica**To:** ESR - Brisbane**Cc:** Simonutti Anna**Subject:** BRING UP (FOR YOUR ACTION): 241112 – Bradken Resources Pty Ltd

Level 7

400 George St

DEHP
SOUTHERN REGION

- 4 OCT 2013

RECEIVED
LVL 3-400G**FOR YOUR ACTION**

Project Ref: 241112

Appln Ref: 539342

Permit Ref: EPPR00247513

Client: Bradken Resources Pty Ltd

Application Type: Site-specific EA amendment application**ALD Due Date: 16/10/2013**

Please note this amendment application has been entered into Ecotrack as a Minor amendment. If the amendment type proves to be incorrect please contact PaLM for re-entry.

Dear Aaron

The above application has been received by PaLM and requires your assessment.

All application documents are attached for your assessment. Please do not wait for the hardcopy to arrive in the mail as this may compromise any legislative due dates.

If you have any questions regarding this application please contact Nathan Sirl on 31812413 or send an email to palm@ehp.qld.gov.au.

Regards, Veronica Lightfoot

Veronica Lightfoot

Administration Officer

Permit and Licence Manager

Environmental Regulatory Practice and Support

Environmental Performance and Coordination Branch

Telephone: 1300 130 372 (Select option 4) **Facsimile :** 07 3330 5875**Email:** veronica.lightfoot@ehp.qld.gov.au

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Item # 2287722

☐ Regional Information and Filing

☒ Regional - Action Required

☐ PALM to File

AR #: AR048977

Admin. Office: Brisbane South

Project #: 241112

Posted to: LVL 7/400650RGE ST

EA Application #: 539342

Permit #: EPPR00247513

Development Permit Ref # (if applicable): SPDE 03961912

PaLM Coordinator: Nathan Sill

PaLM Processor: V. L. GHTG ST.

3016 - Validation Checklist - EA Amendment Application for a Prescribed ERA

DEHP
SOUTHERN REGION

- 4 OCT 2013

Application Details		Indicate by Yes ☒ No ☒ or N/A ☐	
Amendment Processing:	☐ Existing EA has standard conditions only AND ☐ Is a minor amendment indicated by Question 2 response AND ☐ applicant can comply with standard conditions (Question 4) (all 3 boxes to be ticked for PaLM to issue amended EA)	☒ Other (ES to assess) Amendment type for initial data entry: Minor / Major (please circle)	RECEIVED LVL 8 400G
Amendment Reason: <u>amendment to conditions including Relax points</u>			
Existing ERA No/s: <u>29 (10)</u>			
Proposed ERA No/s (if applicable): <u>-</u>		☒ ERA is <u>not</u> mobile and temporary	
Version of Code (for ERA 57 or 16): <u>-</u>		☐ ERA is mobile and temporary	
ERA No/s to be removed (if applicable): <u>-</u>			
Applicant Name: <u>Bracken Resources Pty Ltd</u>			
Application Dates		Indicate by Yes ☒ No ☒ or N/A ☐	
Application Received: <u>30/09/13</u>		Application requirements requested date:/...../20.....	
Response Due Date:/...../20.....		☐ Application Invalid (tick which applies below) ☐ Application requirements not met within timeframe ☐ Application is unable to be made Invalid date/...../20.....	
Application Complete Date: <u>01/10/13</u>		ALD Due Date: <u>16/10/13</u> (10 b days from application complete date)	
Fill for minor amendment applications only where PaLM are processing end to end		ALD (as minor) Issue Date:/...../20..... Decision Due Date:/...../20..... (10 b days after ALD issue date) Decision Date:/...../20.....	
Application Checks		Indicate by Yes ☒ No ☒ or N/A ☐	
EA Take Effect Date:	EA Take Effect Date: ☐ Applicant has nominated take effect date/...../20..... (if decision date is after the nominated date the decision date will be the take effect date) ☐ Applicant has nominated a take effect event and must give notification when the event has occurred Details of event: ☒ EA will take effect upon approval		
For all amendment applications	☒ Form completed, signed and dated ☒ All attachments present ☒ Correct fee paid ☒ Receipt sent to client		Amount Paid \$: <u>276.00</u> Receipt No: <u>4196817</u> Date Paid: <u>01/10/13</u>

<p>For all amendment applications</p>	<p>“Environmental Impact assessment ” on application form - Administrative check to determine applicant has submitted:</p> <ul style="list-style-type: none"> ☒ a description of the environmental values likely to be affected by each relevant activity; and ☒ details of any emissions or releases likely to be generated by each relevant activity; and ☒ a description of the risk and likely magnitude of impacts on the environmental values; and ☒ details of the management practices proposed to be implemented to prevent or minimise adverse impacts; and ☒ details of how the land the subject of the application will be rehabilitated after each relevant activity ceases <p>“Waste management” on application form Administrative check to determine:</p> <ul style="list-style-type: none"> ☒ Applicant has indicated not applicable on application form ☒ Applicant has given description of the proposed measures for minimising and managing waste generated by the ERA activities <p>“Site Management Plan or Environmental Protection Order” Administrative check to determine:</p> <ul style="list-style-type: none"> ☒ Applicant has indicated there is no site management plan or environmental protection order on the application form ☒ Applicant has given details of the site management plan ☒ Applicant has given details of the environmental protection order
<p>Validity Check Indicate by Yes ☒ No ☒ or N/A ☐</p>	
<p>For all amendment applications</p>	<ul style="list-style-type: none"> ☒ Proposed amendment does not require a development application OR a development application has already been made ☒ Ticked No in sections 1 and 2 in the front checklist on the application form <p>if ☒ to the above the application is invalid:</p> <p>Notice of Invalid Application Issue Date...../...../20....</p>

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