

Notice

Environmental Protection Act 1994

Correction of a clerical or formal error in an environmental authority

This statutory notice is issued by the administering authority¹ to advise you that your environmental authority has been amended under section 211 of the Environmental Protection Act 1994 to correct a clerical or formal error.

Martin and Robson (Australia) Pty Ltd
Level 7 320 Adelaide Street
Brisbane QLD 4000

Your reference: EPPR00381213

Our reference: AR103582

Attention: Mr Colin Eames. Email: admin@martinandrobson.com.au

Amendment of an environmental authority to correct a clerical or formal error

1. Environmental authority details

Environmental authority number EPPR00381213 dated 24/08/2017

Land description: Lot 58 SP123751. Graham Heggie Street, Outer Harbour Mackay QLD 5740.

2. Amendment

The administering authority has become aware that there is a clerical error on the environmental authority that requires correction. This correction is minor in nature and will not adversely impact your or anyone else's interests. As a result, the following amendment made to your environmental authority:

The EA has the incorrect permit number. It should be EPPR00381213 but the EA issued to you has EPPR03979316.

The amended environmental authority is enclosed with this notice.

Should you have any questions in relation to this notice, please contact Vicki Carney on telephone 0733305884.

¹ The Department of Environment and Heritage Protection is the administering authority under the *Environmental Protection Act 1994*.

Correction of a clerical or formal error in an environmental authority

Chris Mooney

Signature

5/9/17

Date

Chris Mooney
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Industry and Development Business Centre
Department of Environment and Heritage Protection
Level 8, 400 George Street, Brisbane
GPO Box 2454, BRISBANE QLD 4001
1300 130 372
palm@ehp.qld.gov.au

Department of Environment and Heritage Protection

Permit¹

Environmental Protection Act 1994

Environmental authority

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

Permit¹ number: EPPR00381213

The anniversary date of this environmental authority is the 10 June. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Principal address
Martin and Robson (Australia) Pty Ltd	Level 7 320 Adelaide Street Brisbane QLD 4000

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
31 Mineral processing Threshold 2 (a) processing, in a year, the following quantities of mineral products, other than coke— 1,000t to 100,000t.	Lot 58 SP123751. Graham Heggie Street, Outer Harbour, Mackay QLD 4740
50 Bulk material handling Threshold 1(a) loading or unloading 100t or more of minerals in a day or stockpiling 50,000t or more of minerals-within 5km of the highest astronomical tide or 1km of a watercourse.	

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.

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

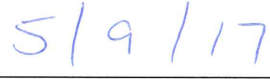
It is a requirement of the EP Act that if an owner or occupier of land becomes aware of the following:

- a notifiable activity (as defined in Schedule 3) that is being, or has been, carried out on the land, (notice must be given within 20 business days)
- an event involving a hazardous contaminant on the land, or a change in the condition of the contaminated land, that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours).

For further information, including the form for giving written notice, refer to the Queensland Government website <http://www.qld.gov.au/> (using the search term 'managing contaminated land')


Signature

Chris Mooney
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994


Date

Enquiries:
Vicki Carney
Heritage, Utilities and Government
Organisations Assessment
Department of Environment and Heritage
Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: 07 3330 6037
Email: Vicki.Carney@ehp.qld.gov.au

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)

Conditions of environmental authority

Location: Lot 58 SP123751. Graham Heggie Street, Outer Harbour, Mackay QLD 4740

Relevant activity/ies:

31 Mineral processing

Threshold 2 (a) processing, in a year, the following quantities of mineral products, other than coke— 1,000t to 100,000t.

50 Bulk material handling

Threshold 1(a) loading or unloading 100t or more of minerals in a day or stockpiling 50,000t or more of minerals-within 5km of the highest astronomical tide or 1km of a watercourse.

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	In carrying out the environmentally relevant activity, <u>you</u> must take all reasonable and practicable <u>measures</u> to prevent and/or to minimise the likelihood of environmental harm being caused.
G2	The operator of an <u>activity</u> to which this approval relates must: (a) Install all <u>measures</u>, plant and equipment necessary to ensure compliance with the conditions of this environmental authority; and (b) maintain such <u>measures</u>, plant and equipment in a proper and efficient condition; and (c) operate such <u>measures</u>, plant and equipment in a proper and efficient manner.
G3	From commencement of an <u>activity</u> to which this Environmental Authority relates, a Site Based Management Plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and "continual improvement" in the overall environmental performance of all <u>activities</u> that are carried out. The Site Based Management Plan must address the following matters: a) Environmental commitments- a commitment by senior management to achieve environmental goals. b) Identification of environmental issues and potential impacts. c) Control <u>measures</u> for routine operations to minimise likelihood of environmental harm. d) Contingency plans and emergency procedures for non-routine situations. e) Organisational structure and responsibility. f) Effective communication. g) Monitoring of contaminant releases. h) Conducting environmental impact assessments. i) Staff training. j) Record keeping. k) Periodic review of environmental performance and continual improvement.
G4	The Site Based Management Plan must not be implemented or amended in a way that contravenes any condition of this approval.
G5	Record, compile and keep all monitoring results required by this document and present this information to the administering authority when requested.
G6	All <u>records</u> required by this environmental authority must be kept for five years.
G7	Telephone the EHP Pollution Hotline or local office as soon as practicable after becoming aware of any <u>release of contaminants</u> not in accordance with the conditions of this environmental authority.
G8	The operator of the <u>activity</u> must record the following details for all complaints received and provide this information to the administering authority on request: a) Time, date name and contact details of the complainant; b) Reasons for the complaint; c) any investigations undertaken; d) conclusions formed; and e) any actions taken.

G9	A written notice detailing the following information must be provided to the <u>administering authority</u> within fourteen (14) days of any advice provided in accordance with conditions G7: a) The name of the operator, including their approval and registration number; b) the name and telephone number of a designated contact person; c) quantity and substance released; d) vehicle and registration details; e) person/s involved (driver and any others); f) the location and time of the release; g) the suspected cause of the release; h) a description of the effects of the release; i) the results of any sampling performed in relation to the release; j) actions taken to mitigate any environmental harm caused by the release; and k) proposed actions to prevent a recurrence of the release.
G10	All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any conditions of this approval must be calibrated and appropriately operated and maintained.
Agency interest: Air	
Condition number	Condition
A1	The release of <u>noxious</u> or <u>offensive</u> odours or any other <u>noxious</u> or <u>offensive</u> airborne contaminants resulting from the activity must not cause a nuisance at any <u>nuisance sensitive</u> or <u>commercial place</u> .
A2	The release of dust and/or particulate matter resulting from the activity must not cause an <u>environmental nuisance</u> at any <u>nuisance sensitive</u> or <u>commercial place</u> .
A3	Dust and particulate matter must not exceed the following levels when measured at any <u>nuisance sensitive</u> or <u>commercial place</u>: a) Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with <i>Australian Standard AS 3580.10 of 2003</i> (or more recent editions); and b) A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere of 50 micrograms per cubic metre over a 24 hour averaging time, at a <u>nuisance sensitive</u> or <u>commercial place</u> downwind of the site, when monitored in accordance with: i. Australian Standard <i>AS/NZS 3580.10.1:2016</i>; Methods for sampling and analysis of ambient air - Determination of particulate matter - Deposited matter Gravimetric method or; ii. any alternative method of monitoring PM10 which may be permitted by the <i>Air Quality Sampling Manual</i> as published from time to time by the administering authority.

A4	When requested by <u>the administering authority</u> , dust and particulate monitoring must be undertaken To investigate any complaint of environmental nuisance caused by dust and/or particulate matter, and the results notified within fourteen (14) days to the administering authority following completion of monitoring. Monitoring must be carried out at a place(s) relevant to the potentially affected sensitive place and at upwind control sites and must include:- a) for a complaint alleging dust nuisance, dust deposition; and b) for a complaint alleging adverse health effects caused by dust, the concentration per cubic metre of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM10) suspended in the atmosphere over a 24 hour averaging time.
A5	Water sprays are to be operated on the magnetite stockpiles system as necessary to minimise the release of dust and particulate matter to the atmosphere.
A6	All external material transfer conveyers must be roofed and enclosed on two sides.
Agency interest: Water	
Condition number	Condition
WT1	Except as otherwise provided by the conditions of the Environmental Authority the environmentally relevant activity must be carried out by such reasonable and practicable means necessary to prevent or minimise the release or likelihood of <u>release of contaminants to waters</u> .
	Erosion protection measures and sediment control <u>measures</u> must be implemented and maintained to minimise erosion and the release of sediment.
WT2	Contaminants must not be released from the site to any <u>waters</u> or the bed and banks of any <u>waters</u> .
WT3	There must be no release of stormwater runoff that has been in contact with any contaminants at the site to any <u>waters</u> , roadside gutter or stormwater drain.
WT4	Any stormwater impacted by operations on site will pass through a humeceptor (triple interceptor) before leaving the site.
WT5	Any recycled stormwater collected on site will only be used for irrigation, dust suppression and process water.
WT6	Within 12 months of the date of issue of this Environmental Authority the holder must develop and implement an updated Stormwater Management Plan for the licensed place, and provide a copy to the administering authority.
WT7	The Stormwater Management Plan provided must be implemented to address at least the following issues: a) prevention of incident stormwater and stormwater runoff from becoming contaminated, and b) division of upstream runoff away from process areas where storm water may become contaminated, and c) minimisation of the size of contaminated areas, and d) cleaning of contaminated areas without water, and e) installation of oil separators, silt and rubbish traps, stormwater division systems, and f) paving and roofing of contaminated areas.
WT8	The holder of this Environmental Authority must submit details of any amendment to the Stormwater Management Plan to the administering authority.

Agency interest: Noise																																																												
Condition number	Condition																																																											
N1	Noise from the ERA must not cause an <u>environmental nuisance</u> at any <u>nuisance sensitive place</u> or <u>commercial place</u> .																																																											
N2	When requested by the Administering Authority, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within fourteen (14) days to the <u>administering authority</u> . Monitoring must include: • Airblast overpressure (dB (Lin) Peak); • <u>L_{A10, adj, 10 mins}</u>; • <u>L_{A1, adj, 10 mins}</u> • The level and frequency of occurrence of impulsive or tonal noise; • Atmospheric conditions including wind speed and direction; • Effects due to extraneous factors such as traffic noise; and • Location, date and time of recording.																																																											
N3	All noise from <u>activities</u> must not exceed the levels specified in Table 1- Noise limits at any <u>nuisance sensitive</u> or <u>commercial place</u>. Table 1 Noise Limits at any <u>nuisance sensitive</u> or <u>commercial place</u>. <table><tr><th rowspan="3">Noise level dB(A) measured as</th><th colspan="3">Monday to Saturday</th><th colspan="3">Sundays and public holidays</th></tr><tr><th>7am — 6pm</th><th>6pm — 10pm</th><th>10pm — 7am</th><th>9am — 6pm</th><th>6pm- 10pm</th><th>10pm — 9am</th></tr><tr><th colspan="6">Noise measured at a noise sensitive place</th></tr><tr><td><u>L_{A10, adj, 10 mins}</u></td><td>b/g*+5</td><td>b/g*+5</td><td>b/g*+3</td><td>b/g*+5</td><td>b/g*+5</td><td>b/g*+0</td></tr><tr><td><u>L_{A1, adj, 10mins}</u></td><td>b/g+10</td><td>b/g+10</td><td>b/g+5</td><td>b/g+10</td><td>b/g+10</td><td>b/g+5</td></tr><tr><th colspan="7">Noise measured at a commercial place</th></tr><tr><td><u>L_{A10, adj, 10 mins}</u></td><td>b/g*+10</td><td>b/g*+10</td><td>b/g*+5</td><td>b/g*+1-</td><td>b/g*+10</td><td>b/g*+5</td></tr><tr><td><u>L_{A1, adj, 10mins}</u></td><td>b/g+15</td><td>b/g+15</td><td>b/g+10</td><td>b/g+15</td><td>b/g+15</td><td>b/g+10</td></tr></table> *<u>Background</u> noise						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						<u>L_{A10, adj, 10 mins}</u>	b/g*+5	b/g*+5	b/g*+3	b/g*+5	b/g*+5	b/g*+0	<u>L_{A1, adj, 10mins}</u>	b/g+10	b/g+10	b/g+5	b/g+10	b/g+10	b/g+5	Noise measured at a commercial place							<u>L_{A10, adj, 10 mins}</u>	b/g*+10	b/g*+10	b/g*+5	b/g*+1-	b/g*+10	b/g*+5	<u>L_{A1, adj, 10mins}</u>	b/g+15	b/g+15	b/g+10	b/g+15	b/g+15	b/g+10
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N4	The method of measurement and reporting of noise levels must comply with the latest edition of the Department’s Noise Measurement Manual.																																																											
Agency interest: Land																																																												
Condition number	Condition																																																											
L1	Contaminants (except recycled stormwater) must not be released to land.																																																											
L2	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm.																																																											
L3	Treatment and management of acid sulfate soils must comply with the latest edition of the Queensland Acid Sulfate Soil Technical Manual.																																																											

L4	Acid sulfate soils must be managed such that contaminants are not directly or indirectly released to any <u>waters</u> .
Agency interest: Waste	
Condition number	Condition
W1	The holder of this Environmental Authority must submit details of any amendment to the Waste Management Plan to the <u>administering authority</u> .
W2	The Waste Management Plan must be implemented and detail at least the following: a) the quality and nature of each waste produced, and b) the current method of pre-treatment or disposal, and c) proposed methods of pre-treatment or disposal, and d) expected reduction in quantity of waste produced through waste minimisation and cleaner production. An updated Waste Management Plan must be submitted to the <u>administering authority</u> every 5 years.
W3	A record of all waste must be kept detailing the following information: a) date of pickup of waste; b) description of waste; c) quantity of waste; d) origin of the waste; and e) destination of waste NOTE: Trackable wastes as listed in Schedule 2E of the Environmental Protection Regulation 2008 are not covered by this condition. Trackable wastes have similar recording requirements to this condition in accordance with a waste tracking system established under the above Regulation.

Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

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

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or experience relevant to the nominated subject matter and can give authoritative assessment, advice and analysis to performance relative to the subject matter using the relevant protocols, standards, methods or literature.

Background means noise, measured in the absence of the noise under investigation, as L A90,r being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than 15 minutes, using Fast response.

Commercial place means a place used as a workplace, an office or for business or commercial purposes and includes a place within the curtilage of such a place reasonably used by persons at that place.

Environmental nuisance as defined under Chapter 1 of the *Environmental Protection Act 1994*.

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

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

Measures has the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

Noxious means harmful or injurious to health or physical well-being.

Nuisance sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
6. a public thoroughfare, park or gardens; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

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

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Release of a contaminant (into the environment) means to:

1. deposit, discharge, emit or disturb the contaminant; and
2. cause or allow the contaminant to be deposited, discharged, emitted or disturbed; and
3. fail to prevent the contaminant from being deposited, discharged emitted or disturbed; and
4. allow the contaminant to escape; and
5. fail to prevent the contaminant from escaping.

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

You means the holder of the environmental authority.

END OF PERMIT