Permit

Environmental Protection Act 1994

Environmental Authority P-EA-100976315

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

Environmental authority number: P-EA-100976315

Environmental authority takes effect on the date that your related development approval MCU25/0038 takes effect. This is the take effect date.

Within 5 business days of the environmental authority taking effect, the administering authority must be given written notice of the occurrence. Prior to the commencement of the activity, the administering authority must be given written notice of the proposed date of commencement.

The first annual fee is payable within 20 business days of the take effect date.

The anniversary date of this environmental authority is the same day each year as the take effect date. The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
[Second Chance (AUST) Pty Ltd	53-55 Rosella Parade KINGAROY QLD 4610

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening - 2(a) - Extracting, other than by dredging, in a year, the following quantity of material - more than 5,000t but not more than 100,000t	6/BO76
ERA 16 - Extraction and Screening - 3(a) - Screening, in a year, the following quantity of material - more than 5,000t but not more than 100,000t	6/BO76

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between

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that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

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

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

Mobile and temporary activities

If you operate a mobile and temporary ERA, other than regulated waste transport, you are required to maintain a work diary. You must:

- use the approved form for a work diary (ESR/2015/1696);
- keep the work diary records for 2 years after the last entry;
- inform the administering authority within 7 days of the work diary being lost or stolen;
- record the information required in the work diary for each location within 1 day of leaving the location.

Contaminated land

It is a requirement of the EP Act that an owner or occupier of land give written notice to the administering authority if they become aware of the following:

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

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term ‘duty to notify’.

Take effect

Please note that, in accordance with section 200(1) of the EP Act, an EA has effect:

(a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority—on the nominated day; or

(b) if the authority states a day or an event for it to take effect—on the stated day or when the stated event happens; or

(c) otherwise—on the day the authority is issued.

However, in accordance with section 200(2) of the EP Act, the day that the EA takes effect may not be before:

(a) if the authority is for a resource activity—the day the relevant tenure is granted to the applicant; or

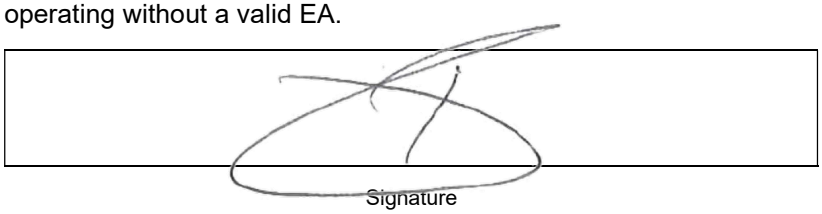
(b) if a development permit for a material change of use of premises under the *Planning Act 2016* is necessary for carrying out an activity that related to the authority—the day the development permit takes effect; or

(c) if an SDA Approval under the *State Development and Public Works Organisation Act 1971* is necessary for carrying out an activity that relates to the authority—the day the approval takes effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

The anniversary day of this EA is the same day each year as the effective date. The payment of the annual fee will be due each year on this day.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid EA.



Signature

23 March 2026

Date

Tristan Roberts

Department of the Environment, Tourism, Science and Innovation
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:

Energy and Extractive Resources Business Centre
GPO Box 2454, Brisbane QLD 4001
Phone: (07) 3330 5715
Email: EnergyandExtractive@detsi.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this EA, 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 restore the environment (section 319C)
- 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).

Other permits required

This permit only provides an approval under the EP Act. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department, and other State and Federal Government agencies prior to commencing any activity at the site. For example, this may include permits or approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access State controlled roads), the Department of Natural Resources and Mines, Manufacturing, and Regional and Rural Development (to clear vegetation), and the Department of Primary Industries (to clear marine plants or to obtain a quarry material allocation).

Obligations under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)

Matters of national environmental significance (MNES) are regulated under the Commonwealth EPBC Act rather than under state legislation. You may need to submit a referral if your project potentially impacts any matters protected under the EPBC Act. For more information on self-assessments, and referral and assessment processes, please visit the Australian Government Department of Climate Change, Energy, the Environment and Water's website at www.dcceew.gov.au/environment/epbc/advice.

Obligations under the *Mining and Quarrying Safety and Health Act 1999*

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation, visit Resources Safety and Health Queensland's website at www.rshq.qld.gov.au, or call 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

Development approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this EA are separate, and in addition to, any conditions that may be on the development approval. If a copy of this EA is attached to a development approval, it is for information only and may not be current. Please contact the Department of the Environment, Tourism, Science and Innovation to ensure that you have the most current version of the EA relating to this site.

Obligations under the *Aboriginal Cultural Heritage Act 2003* and *Torres Strait Islander Cultural Heritage Act 2003* (the Cultural Heritage Acts)

The Cultural Heritage Acts require anyone who carries out a land-use activity to exercise a duty of care. This 'duty of care' means land users must take all reasonable and practicable measures to ensure their activity does not harm Aboriginal or Torres Strait Islander cultural heritage, and applies to any activity where Aboriginal or Torres Strait Islander cultural heritage is located. For more information on your obligations under this legislation, please visit the Department of Women, Aboriginal and Torres Strait Islander Partnerships and Multiculturalism webpage at, www.dwatsipm.qld.gov.au.

Conditions of environmental authority

<table>
<tr><th>Ref</th><th>Condition</th></tr>
<tr><td colspan="2">Schedule: General</td></tr>
<tr><td>G1.0</td><td>Activities under this environmental authority must be conducted in accordance with the following limitations:
a) Extraction and screening must only occur within the area identified as the “Total Extractive Activities Area’’ in Appendix A – Extraction activities area layout plan and bounded by the coordinates listed in Appendix B- Approved extraction area GPS coordinates (GDA2020).
b) The amount of material extracted per year must not exceed 100,000 tonnes.
c) The amount of material screened per year must not exceed 100,000 tonnes.
d) The maximum area of disturbance and maximum depth of extraction at any one time must not exceed the limits specified in Table 1: Maximum area and depth of extraction at any one time.
Table 1: Maximum area and depth of extraction at any one time
<table>
<tr><th>Source area</th><th>Area of disturbance (hectares)</th><th>Depth of Extraction (metres below ground level)</th></tr>
<tr><td>Weathered granite</td><td>4</td><td>9</td></tr>
<tr><td>Fine-grained sand</td><td>4</td><td>3</td></tr>
<tr><td>Medium-grained sand</td><td>4</td><td>3</td></tr>
</table>
e) No clearing of remnant vegetation is authorised under this environmental authority.
f) Extraction must not intercept groundwater.
g) Blasting is not permitted.</td></tr>
<tr><td>G2.0</td><td>All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused, or likely to be caused, by the activities.</td></tr>
<tr><td>G3.0</td><td>Unless specifically authorised by a condition of this environmental authority, this environmental authority does not authorise a relevant act which is:
a) an act that causes serious or material environmental harm or an environmental nuisance; or
b) an act that contravenes a noise standard; or
c) a deposit of a contaminant, or release of stormwater run-off, mentioned in section 440ZG of the Environmental Protection Act 1994.</td></tr>
<tr><td>G4.0</td><td>Contravention of conditions
Unless specifically authorised by a condition of this environmental authority, details of any contravention of a condition of this environmental authority must:
a) be reported to the administering authority within 24 hours of becoming aware of the contravention; and
b) include the nature and circumstances of the contravention and any immediate actions taken.</td></tr>
<tr><td>G4.1</td><td>As soon as reasonably practicable but no later than 20 business days of a report made under condition G4.0 (or a longer period agreed to in writing by the administering authority), an investigation must be undertaken to determine:
a) the potential circumstances and actions that may have contributed to the contravention; and
b) reasonable and practicable measures that will be implemented to address the cause of the contravention to prevent future contraventions of this nature.</td></tr>
<tr><td>G4.2</td><td>As soon as reasonably practicable but no later than 20 business days of investigating a contravention under condition G4.1 (or a longer period agreed to in writing by the administering</td></tr>
</table>

Ref	Condition
	authority), the reasonable and practicable measures identified in the investigation must be implemented.
G4.3	The outcome of the investigation carried out under condition G4.1 and the reasonable and practicable measures implemented under condition G4.2 must be recorded.
G5.0	**Complaints** The following details must be recorded for all complaints received and provided to the administering authority upon request: a) date and time the complaint was received; and b) if authorised by the person making the complaint, their name and contact details; and c) nature and details of the complaint.
G5.1	As soon as reasonably practicable but no later than 5 business days of receiving a complaint (or a longer period agreed to in writing by the administering authority), an investigation must be undertaken to determine: a) the potential circumstances and actions on site that may have contributed to the basis of the complaint; and b) reasonable and practicable measures that will be implemented to address the complaint.
G5.2	As soon as reasonably practicable but no later than 5 business days of investigating a complaint under condition G5.1 (or a longer period agreed to in writing by the administering authority), the reasonable and practicable measures identified in the investigation must be implemented
G5.3	The outcome of the investigation carried out under condition G5.1 and the reasonable and practicable measures implemented under condition G5.2 must be recorded.
G6.0	When required by the administering authority, monitoring must be undertaken in the manner prescribed by the administering authority to investigate a complaint of environmental nuisance arising from the activity. The monitoring results must be provided within 10 business days to the administering authority upon its request.
G7.0	**Environmental risk management procedures** Written procedures must be developed and implemented by an appropriately qualified person that ensure: a) all potential risks to the environment from the carrying out of the activity are identified and assessed, including: (i) during routine operations; and (ii) outside routine operations (e.g., maintenance, start up and shut down); and (iii) during preparation, rehabilitation, and closure; and (iv) in an emergency (e.g., fire, flood or other natural disaster); and b) for each potential risk identified, any necessary measures to prevent or minimise the potential for environmental harm are implemented; and c) staff understand their obligations under this environmental authority and the *Environmental Protection Act 1994*; and d) environmental risk management procedures are continually reviewed and improved, based on a reasonable risk-management approach.

<table>
<tr><th>Ref</th><th>Condition</th></tr>
<tr><td>G8.0</td><td>Plant and equipment

An appropriately qualified person must install, operate, calibrate, and maintain the plant and equipment required to carry out the activity (including monitoring devices) in a proper and effective manner.</td></tr>
<tr><td>G8.1</td><td>Records of installation, calibration and maintenance carried out under condition G8.0 must be kept.</td></tr>
<tr><td>G9.0</td><td>Record keeping

Unless otherwise specified by a condition of this environmental authority, records must be:

a) kept for the period outlined in Table 2: Record keeping requirements; and
b) provided to the administering authority upon request and in the format requested.

Table 2: Record keeping requirements
<table><tr><th>Description of records</th><th>Retention requirement</th></tr><tr><td>Monitoring results</td><td>Retain for 15 years</td></tr><tr><td>All other records</td><td>Retain for 5 years</td></tr></table></td></tr>
<tr><td>G10.0</td><td>Chemical storage

Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system.</td></tr>
<tr><td>G11.0</td><td>Monitoring and sampling

All monitoring and sampling required by the conditions of this environmental authority must be carried out, interpreted, and recorded by an appropriately qualified person.</td></tr>
<tr><td>G11.1</td><td>Unless otherwise authorised in writing by the administering authority, all laboratory analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) accreditation for such analyses.
The only exception to this condition is for in situ monitoring of pH and electrical conductivity.</td></tr>
<tr><td colspan="2">Schedule: Air</td></tr>
<tr><td>A1.0</td><td>Other than as permitted within this environmental authority, odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place.</td></tr>
<tr><td>A2.0</td><td>Dust and particulate matter emissions from the activity must not exceed the following concentrations at a sensitive place or a commercial place:

a) dust deposition of 120 milligrams per square metre per day, averaged over 30 days, when monitored in accordance with the latest edition of Australian Standard AS/NZS 3580.10.1 Methods for sampling and analysis of ambient air, Method 10.1: Determination of particulate matter – Deposited matter – Gravimetric method; or
b) a concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (µm) (PM_{10}) suspended in the atmosphere of:
(i) 50 micrograms per cubic metre over a 24-hour averaging time; and
(ii) 25 micrograms per cubic metre over one-year averaging time;</td></tr>
</table>

<table>
<tr><th>Ref</th><th>Condition</th></tr>
<tr><td></td><td>when monitored in accordance with the most current edition of the relevant Australian Standards.</td></tr>
<tr><td>A3.0</td><td>Air quality monitoring, including for dust and point source emissions from the activity, must be undertaken in accordance with the latest edition of:
a) the relevant Australian Standards; or
b) a method approved by any other Australian, European or North American jurisdiction/EPAs (if monitoring requirements are not described in the Australian Standards).</td></tr>
<tr><td colspan="2">Schedule: Biodiversity</td></tr>
<tr><td>B1.0</td><td>Prescribed environmental matters - Matters of State environmental significance
Direct or indirect impacts to matters of state environmental significance or prescribed environmental matters, including those outside the approved place, are not authorised under this environmental authority.</td></tr>
<tr><td colspan="2">Schedule: Land</td></tr>
<tr><td>L1.0</td><td>Other than as permitted within this environmental authority, contaminants must not be released to land.</td></tr>
<tr><td>L2.0</td><td>Point source releases
Contaminants must not be released to land unless the contaminants being released:
(a) are only released from the release points specified in Table 3: Contaminant release points and Table 4: Contaminants release limits and monitoring frequency; and
(b) comply with the release limits (limit and type) for each quality characteristic specified in Table 4: Contaminants release limits and monitoring frequency; and
(c) are monitored at the minimum monitoring frequency for each quality characteristic specified in Table 4: Contaminants release limits and monitoring frequency; and
(d) are monitored at the release points identified in Table 3 - Contaminants release points.

Table 3: Contaminants release points
<table>
<tr><th rowspan="2">Release Point</th><th colspan="2">Location (GDA 2020 Zone 56)</th><th rowspan="2">Release Method</th></tr>
<tr><th>Easting</th><th>Northing</th></tr>
<tr><td>#1</td><td>359,340</td><td>7,079,504</td><td rowspan="7">Discharge must only occur from an appropriately designed and reinforced release point to the grassed area.</td></tr>
<tr><td>#2</td><td>359,724</td><td>7,079,590</td></tr>
<tr><td>#3</td><td>359,830</td><td>7,079,890</td></tr>
<tr><td>#4</td><td>360,227</td><td>7,080,118</td></tr>
<tr><td>#5</td><td>360,438</td><td>7,080,553</td></tr>
<tr><td>#6</td><td>360,126</td><td>7,080,497</td></tr>
<tr><td>#7</td><td>359,747</td><td>7,080,678</td></tr>
</table>
</td></tr>
</table>

<table>
<tr><th>Ref</th><th>Condition</th></tr>
<tr><td></td><td>
Table 4: Contaminants release limits
<table>
<tr><th>Parameter</th><th>Release Limit</th><th>Limit type</th><th>Units</th><th>Frequency of Monitoring / Release</th><th>In-situ monitoring authorised.</th></tr>
<tr><td>Total Suspended Solids (TSS)</td><td>≤ 50</td><td>Maximum</td><td>mg/L</td><td>At the beginning of release and weekly thereafter</td><td>No</td></tr>
<tr><td>Turbidity</td><td>≤ 50</td><td>Maximum</td><td>NTU</td><td>At the beginning of release and weekly thereafter</td><td>Yes</td></tr>
<tr><td>pH</td><td>6.5 – 8.5</td><td>Range</td><td>—</td><td>At the beginning of release and weekly thereafter</td><td>Yes</td></tr>
<tr><td>Oil and Grease / Hydrocarbons</td><td>No visible sheen</td><td>—</td><td>—</td><td>At the beginning of release and weekly thereafter</td><td>Visual inspection</td></tr>
</table>
<u>Note</u>: analysis, results and monitoring reports are records that must be kept in accordance with condition G9.0.
</td></tr>
<tr><td>L3.0</td><td>The only contaminants permitted to be released from the release points in Table 3: Contaminants release points to land are the release from onsite stormwater treatment and retention measures once the design capacity has been exceeded or capacity is required to be obtained prior to a significant rainfall event.</td></tr>
<tr><td>L4.0</td><td>Releases of contaminants must not cause:
(a) Scouring or erosion within the release area; and
(b) Permanent or long-term disturbance to vegetation onsite such as reduction in the density of grass within the buffer areas; and
(c) Any disturbance to vegetation outside of the approved area; and
(d) a build-up of sediment within the approved area that would reasonably be expected to be discharged offsite.</td></tr>
<tr><td>L5.0</td><td>Erosion and sediment control measures must:
(a) minimise erosion and the release of sediment within areas disturbed by the activity; and
(b) prevent releases from the activity causing erosion outside of areas disturbed by the activity; and
(c) prevent the release of sediment from areas disturbed by the activity to land or waters; and
(d) be implemented and maintained at all times.</td></tr>
<tr><td>L6.0</td><td>An erosion and sediment control plan must:
(a) be developed:
(i) prior to the commencement of the activity;
(ii) by a certified professional in erosion and sediment control (CPESC); and
(iii) prior to the commencement of any ground disturbance associated with the activity; and
(iv) to ensure compliance with condition L5.0;
(b) be revised as necessary to ensure that all times the plan covers all areas disturbed by the activity; and
(c) be implemented at all times.</td></tr>
<tr><td>L7.0</td><td>Rehabilitation
Disturbance to areas as a result of carrying out activities conducted under this environmental authority must be rehabilitated so that:</td></tr>
</table>

<table>
<tr><th>Ref</th><th>Condition</th></tr>
<tr><td></td><td>(a) the potential for erosion and sedimentation is minimised; and
(b) the potential for environmental nuisance caused by dust is prevented; and
(c) land and water do not contain contaminants capable of causing environmental harm; and
(d) the landform is in a stable condition; and
(e) the top layer of the soil profile is re-instated consistent with surrounding soils; and
(f) the land is re-profiled to reflect the final land use and is consistent with surrounding landforms and established drainage lines; and
(g) the land is vegetated with ground cover that is established, actively growing, self-sustaining and is not a declared pest species.</td></tr>
<tr><td>L7.1</td><td>Rehabilitation works of disturbed areas required under condition L7.0, must be substantially commenced within 12 months of the area becoming no longer required for the activities conducted under this environmental authority.</td></tr>
<tr><td>L7.2</td><td>A rehabilitation plan must:

(a) be developed:
(i) prior to the commencement of the activity;
(ii) by an appropriately qualified person;
(iii) to ensure compliance with conditions L7.0 and L7.1; and
(b) include final land use plans, as well as plans for any planned stages; and
(c) plan for topsoil that is extracted as part of the activity to be preserved and reused during rehabilitation; and
(d) include all areas disturbed by the activity; and
(e) be implemented at all times.</td></tr>
<tr><td colspan="2">Schedule: Noise</td></tr>
<tr><td>N1.0</td><td>Other than as permitted within this environmental authority, noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.</td></tr>
<tr><td>N1.1</td><td>Noise from the activity must not include substantial low frequency noise components and must not exceed the levels identified in Table 5: Noise limits at any sensitive place or commercial place.

Table 5: Noise limits
<table>
<tr><td rowspan="2">Noise level measured in dB(A)</td><td colspan="3">Monday to Saturday</td><td colspan="3">Sunday and Public Holidays</td></tr>
<tr><td>7am–6pm</td><td>6pm–10pm</td><td>10pm–7am</td><td>9am–6pm</td><td>6pm–10pm</td><td>10pm–9am</td></tr>
<tr><td></td><td colspan="6">Noise measured at a sensitive place</td></tr>
<tr><td>$L_{Aeq\ adj,T}$</td><td>45</td><td>35</td><td>30</td><td>40[1]</td><td>Not audible</td><td>Not audible</td></tr>
<tr><td>$L_{Amax,T}$</td><td>-</td><td>-</td><td>49</td><td>-</td><td>-</td><td>49</td></tr>
<tr><td></td><td colspan="6">Noise measured at a commercial place</td></tr>
<tr><td>$L_{Aeq,\ adj,\ T}$</td><td>55</td><td>55</td><td>55</td><td>55</td><td>55</td><td>55</td></tr>
<tr><td></td><td colspan="6">Note 1: Emergency maintenance only.</td></tr>
</table></td></tr>
</table>

Ref	Condition
N2.0	All monitoring of noise emissions from the activity must be undertaken when the activity is in operation.
N3.0	The following must be recorded when undertaking monitoring of noise emissions from the activity: (a) All equipment in operation at the time of the noise measurement; and (b) The mode of operation at the time of the noise measurement.
N4.0	Noise measurements must be taken using a class 1 sound level meter as classified under AS IEC 61672.
N6.0	When requested by the administering authority, you must carry out an acoustic monitoring program in the following way*:* (a) Conducted by a suitably qualified or experienced person in acoustics; and (b) Assess compliance with the conditions of the EA; and (c) In a way prescribed by the administering authority; and (d) A report must be produced outlining the outcome of the monitoring, including recommendations of noise mitigation measures to secure compliance with the *Environmental Protection Act 1994*; and (e) The report must be submitted to the administering authority by the time and date specified by the administering authority.
Schedule: Waste	
W1.0	All waste generated in carrying out the activity must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
Schedule: Water	
WT1.0	Contaminants must not be released directly to any waters.
WT2.0	Contaminants must not be released to groundwater.
WT3.0	**Stormwater** Stormwater must be managed to: (a) prevent stormwater from being contaminated by the activity; or (b) direct stormwater that is contaminated by the activity to stormwater treatment and retention measures.
WT3.1	Stormwater treatment and retention measures must have capacity to retain stormwater runoff from disturbed areas generated by a rainfall event up to and including a 24-hour rainfall event with an Annual Exceedance Probability of 20%.
WT3.2	The capacity of stormwater treatment and retention measures in condition WT3.1 must be reinstated as soon as reasonable and practicable, but no later than 5 days following a significant rainfall event.
WT3.3	All ponds, dams or similar stormwater treatment and retention measures must be fitted with a bypass mechanism that diverts stormwater from entering the measure once the capacity of the measure has been reached.
WT3.4	Freeboard markers must be installed in all stormwater treatment and retention measures to indicate the freeboard level required to maintain compliance with WT3.2.

Definitions

Key terms and/or phrases used in this document are defined in this section. 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.

Where a word or phrase in this document is defined in this Schedule, it has its corresponding meaning. Where a word or phrase in this document is not defined in this Schedule, it has the meaning given to it in (in order of priority):

- the *Environmental Protection Act 1994* (EP Act), its regulations or its environmental protection policies;
- the *Acts Interpretation Act 1954*;
- the Macquarie Dictionary (taking account of the context in which the word or phrase is used in this document).

For example, environmental value, environmental harm, environmental nuisance, material environmental harm, serious environmental harm and relevant act are defined in the EP Act and groundwater is defined in the Environmental Protection Regulation 2019.

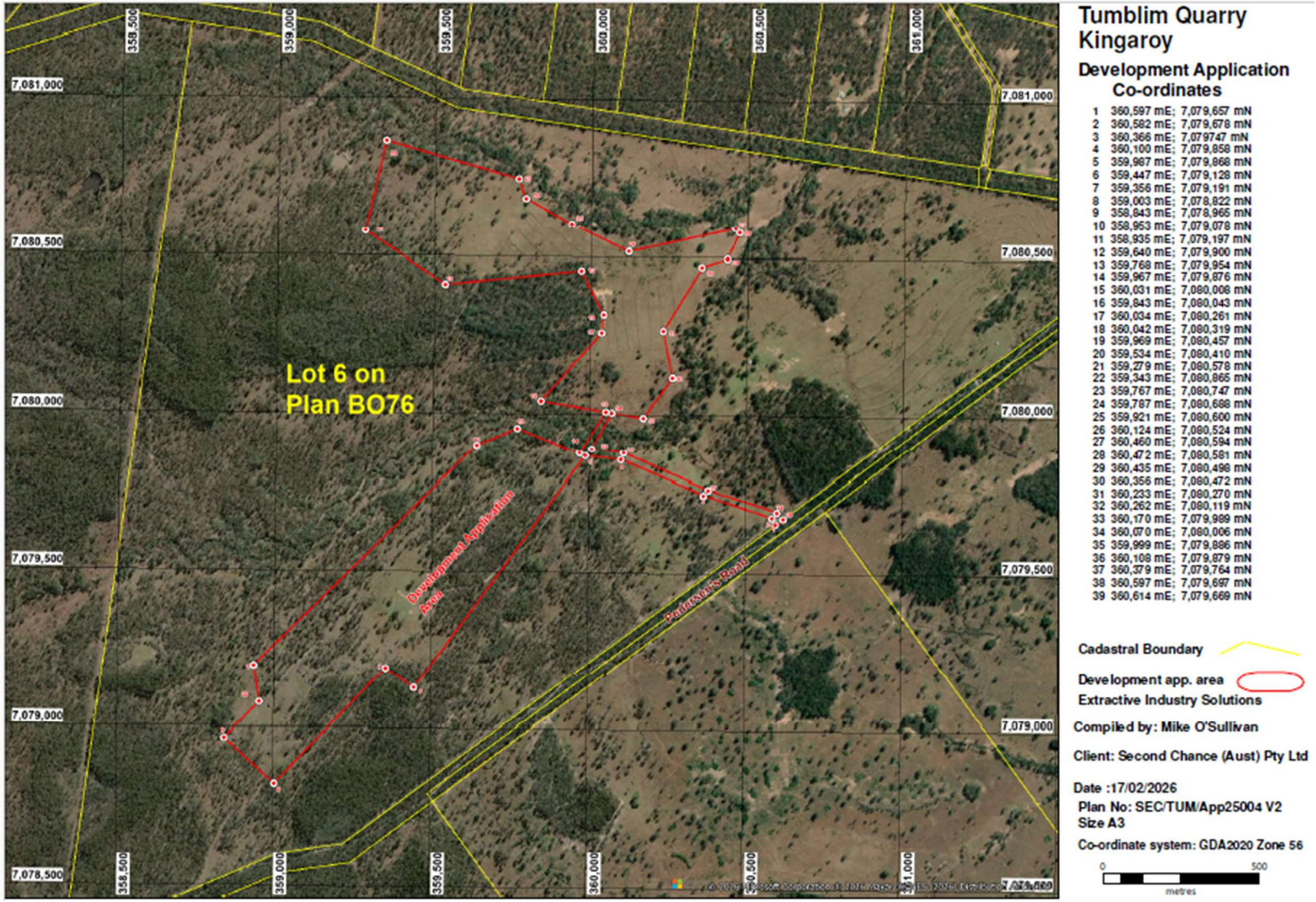
Defined words or phrases in the singular include the plural and vice versa.

24-hour rainfall event with an Annual Exceedance Probability of 20% means the maximum design rainfall depth from a 24-hour duration precipitation event with an annual exceedance probability of 20%. The Design Rainfall Depth (mm) for an AEP probability of 20% over a 24-hour duration can be calculated for your location using the Intensity–Frequency–Duration (IFD) Design Rainfall Data System on the Bureau of Meteorology website.
Activity means the environmentally relevant activities to which the environmental authority relates.
AHD means the Australian height datum adopted by the National Mapping Council of Australia for referencing a level or height back to a standard base level.
Airblast overpressure as defined in the *Guideline: Noise and vibration from blasting* (ESR/2016/2169) available on the DES website.
Annual exceedance probability (AEP) means the probability that a given rainfall total accumulated over a given duration will be exceeded in any one year.
Appropriately qualified person means a person who has professional qualifications, training, skills or experience relevant to the EA requirements and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods or literature.
Blasting is the use of explosives to fracture: (a) rock, coal and other minerals for later recovery; or (b) structural components or other items to facilitate removal from a site or for reuse.
Certified professional in erosion and sediment control (CPESC) is a person who is currently a Certified Professional in Erosion and Sediment Control with the International Erosion Control Association (IECA) Australasia.
Commercial place means a place, or part of a place, used as a workplace, an office or for business or commercial purposes.

Declared pest species means species listed as: • 'prohibited matter' or 'restricted matter' species under the *Biosecurity Act 2014*; or • 'Weeds of National Significance' under the Australian Weeds Strategy 2017–2027.
Disturbed areas means areas disturbed by the carrying out of the activity including areas: (a) that are susceptible to erosion; and/or (b) that are contaminated by the activity; and/or (c) upon which stockpiles of soil or other materials are located.
Environmental offset as defined in section 7 of the *Environmental Offsets Act 2014.*
Monitoring results includes analysis results (laboratory and in situ) and monitoring reports.
Matter(s) of State environmental significance has the meaning of the matters of State environmental significance listed in schedule 2 of the *Environmental Offsets Regulation 2014*.
Prescribed environmental matters has the meaning in section 10 of the *Environmental Offsets Act 2014*, limited to the matters of State environmental significant listed in schedule 2 of the *Environmental Offsets Regulation 2014*.
Relevant act as defined in section 493A of the EP Act.
Records include any written procedures, plans, monitoring results, and monitoring programs required under a condition of this environmental authority.
Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system.
Sensitive place is any part of the following: (a) a dwelling, residential allotment, 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 under the *Nature Conservation Act 1992*, the *Marine Parks Act 2004* or a World Heritage Area; or (f) a public park or garden; or (g) for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2019.
Significant residual impact as defined in section 8 of the *Environmental Offsets Act 2014.*
Stormwater treatment and retention measures includes stormwater dams/ponds and sediment dams/ponds.
Substantial low frequency noise means a noise emission that has an unbalanced frequency spectrum shown in a one-third octave band measurements, with a predominant component within the frequency range 10 to 200 Hz. It includes any noise emission likely to cause an overall sound pressure level at a noise sensitive place exceeding 55 dB(Z).

Vibration is the oscillating or periodic motion of a particle, group of particles, or solid object about its equilibrium position.
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.
Significant rainfall event means a rainfall event of 20mm or more over a 24-hour period, as measured at the Bureau of Meteorology's Mounefontein weather station (station number 040138). https://reg.bom.gov.au/climate/data/index.shtml?bookmark=136#textoption

Appendix A: Extraction activities area layout plan



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Appendix B - Approved extraction area GPS coordinates (GDA2020, Zone 56).

Infrastructure	Easting (m)	Northing (m)
Extraction area	360,597	7,079,657
	360,582	7,079,678
	360,366	7,079,747
	360,100	7,079,858
	359,987	7,079,868
	359,447	7,079,128
	359,356	7,079,191
	359,003	7,078,822
	358,843	7,078,965
	358,953	7,079,078
	358,935	7,079,197
	359,640	7,079,900
	359,768	7,079,954
	359,967	7,079,876
	360,031	7,080,008
	359,843	7,080,043
	360,034	7,080,261
	360,042	7,080,319
	359,969	7,080,457
	359,534	7,080,410
	359,279	7,080,578
	359,343	7,080,865
	359,767	7,080,747
	359,787	7,080,688
	359,921	7,080,600
	360,124	7,080,524
	360,460	7,080,594
	360,472	7,080,581
	360,435	7,080,498
	360,356	7,080,472
	360,233	7,080,270
	360,262	7,080,119
	360,170	7,079,989
	360,070	7,080,006
	359,999	7,079,886
	360,108	7,079,879
	360,379	7,079,764
	360,597	7,079,697
	360,614	7,079,669
Processing and stockpiling area	359,413	7,079,525
	359,538	7,079,428
	359,428	7,079,289
	359,309	7,079,395

END OF ENVIRONMENTAL AUTHORITY

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