

Permit

Environmental Protection Act 1994

Environmental authority EPPR00845313

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

Environmental authority number: EPPR00845313

Environmental authority takes effect on day the authority is issued .

The anniversary date of this environmental authority is 31 March each year.

The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
STAPYLTON RESOURCE RECOVERY (QLD) PTY LTD	132-134 COMMERCIAL ROAD TENERIFFE QLD 4005

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 54 - Mechanical waste reprocessing - 1 - Operating a facility for receiving and mechanically reprocessing, in a year, more than 5,000t of inert, non-putrescible waste or green waste only	3/WD6397
ERA 16 - Extraction and Screening - 2(b) - Extracting, other than by dredging, in a year, the following quantity of material - more than 100,000t but not more than 1,000,000t	3/WD6397
ERA 16 - Extraction and Screening - 3(b) - Screening, in a year, the following quantity of material - more than 100,000t but not more than 1,000,000t	3/WD6397
ERA 16 - Extraction and Screening - 2(b) - Extracting, other than by dredging, in a year, the following quantity of material - more than 100,000t but not more than 1,000,000t	476/CP816504

Environmentally relevant activity/activities	Location(s)
ERA 16 - Extraction and Screening - 3(b) - Screening, in a year, the following quantity of material - more than 100,000t but not more than 1,000,000t	476/CP816504

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 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 environmentally relevant activity (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 contaminated land give written notice to the administering authority if they become aware of the following:

- the happening of an event involving a hazardous contaminant on the contaminated land (notice must be given within 24 hours); or
- a change in the condition of the contaminated land (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 contaminated land (notice must be given within 20 business days)

that is causing, or is reasonably likely to cause, serious or material environmental harm.

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 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, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect until the additional authorisation has taken 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 environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day. An annual return will be due each year on 01 April.

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 environmental authority.



Signature

21 February 2025

Date

Casey Sirl
Department of the Environment, Tourism, Science
and Innovation

Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:

Permits and Licensing/Operational Support
GPO Box 2454, BRISBANE QLD 4001

Phone: 1300 130 372

Email: palm@des.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)

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. 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 Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access State controlled roads), the Department of Resources (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

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 contact Mine Safety and Health at www.resources.qld.gov.au, or phone 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 environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

Agency interest: General

Prevent and/or minimise likelihood of environmental harm.

- (A1) 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.

Maintenance of Plant and Equipment

- (A2) The operator of an ERA to which this approval relates must:
- (i) install all plant and equipment necessary to ensure compliance with the conditions of this approval;
 - (ii) maintain such plant and equipment in a proper and efficient condition; and
 - (iii) operate such plant and equipment in a proper and efficient manner.

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 approval.

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

Calibration

- (A4) All instruments, equipment and measurement devices used for measuring or monitoring in accordance with any condition of this approval must be calibrated, and appropriately operated and maintained.

Monitoring

- (A5) A competent person(s) must conduct any monitoring required by this approval.

Display of Approval

- (A6) A copy of this approval must be kept in a location readily accessible to personnel carrying out the activity.

Site Based Management Plan.

- (A7) From commencement of an ERA to which this approval 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 ERAs that are carried out. The SBMP must address the following matters:
- (a) Environmental commitments – a commitment by senior management to achieve specified and relevant environmental goals.
 - (b) Identification of environmental issues and potential impacts.
 - (c) Control measures for routine operations to minimised likelihood of environmental harm.
 - (d) Contingency plans and emergency procedures for non-routine stations.
 - (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.

Records

- (A8) Record, compile and keep all monitoring results (for a minimum of 5 years) required by this approval and present this information

Spill Kits

- (A9) Appropriate spill kits, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site.
- (A10) Anyone operating under this approval must be trained in the use of the spill kit.

Notification

- (A11) The registered operator of an ERA to which this approval relates must telephone the administering authority's Pollution Hotline (1300 130 372) as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval or an event where environmental harm has been caused or may be threatened.
- (A12) The registered operator of an ERA to which this approval relates must provide written advice detailing the following information to the administering authority within fourteen (14) business days following any notification in accordance with condition (A11):
- (a) the name of the registered operator, including the approval number;
 - (b) the name and telephone number of a designated contact person;
 - (c) the location of the release/event;
 - (d) the time of the release / event;
 - (e) the time you became aware of the release / event;
 - (f) the suspected cause of the release/event;
 - (g) a description of the resulting effects of the release/event;
 - (h) the results of any sampling performed in relation to the release / event;
 - (i) actions taken to mitigate any environmental harm and or environmental nuisance caused by the release/event; and
 - (i) proposed actions to prevent a recurrence of the release / event.

Exception Reporting

- (A13) A person carrying out an ERA to which this approval relates, as soon as practicable but not more than six (6) weeks following any environmental monitoring performed in relation to a condition of this approval, emergency or incident, provide written advice of the results of any environmental monitoring performed.

(A14) The written notification required by approval condition (A13) must include:

- (a) the full analysis results;
- (b) details of investigation or corrective actions taken; and
- (c) any subsequent analysis.

Activity Limits and location

(A15) Activities conducted under this environmental authority must be conducted in accordance with the following limitation:

1. the total material processed under ERA 54-1 must not exceed 280000 t/yr
2. the total material processed under ERA54-1 and ERA 16 combined must not exceed 680000t/yr;
3. The only material authorised to be crushed, ground, milled or screened under ERA 54-1 is:
 - i. inert, non-putrescible timber that does not constitute a regulated waste; and
 - ii. concrete waste including masonry, bricks, pavers and tiles and similar inert waste.

The mechanical waste processing and crushing, grinding, milling and screening activities under ERA 54-1 are permitted to operate only within the areas defined as the '*Location of ERA 54-1 activities*' as specified in Appendix 1.

(A16) The maximum height of any timber stockpile must not exceed 4 metres from the base of any stockpile.

Agency Interest: Air

Nuisance

(B1) The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.

Dust Nuisance

(B2) The release of dust and/or particulate matter resulting from an ERA to which this approval relates must not cause an environmental nuisance at any nuisance sensitive or commercial place.

(B3) Dust and particulate matter must not exceed the following levels when measured at any nuisance sensitive or commercial place:

(a) Dust deposition of 120 milligrams per square metre per day, when monitored in accordance with Australian Standard AS 3580.10.1 of 2003 (or more recent editions); OR

(b) A concentration of particulate matter with an aerodynamic diameter of less than 10 micrometre (μm) (PM_{10}) suspended in the atmosphere of 50 micrograms per cubic metre over a 24 hour averaging time, at a nuisance sensitive or commercial place downwind of the site, when monitored in accordance with:

- Australian Standard AS 3580.9.6 of 2003 (or more recent editions)
- 'Ambient air particulate matter - Determination of suspended particulate PM_{10} high-volume sampler with size-selective inlet -Gravimetric method'; or
- any alternative method of monitoring PM_{10} which may be permitted by the 'Air Quality Sampling Manual' as published from time to time by the administering authority.

(B4) In the event that dust or particulate matter exceeds the levels specified in condition (B3) at a nuisance sensitive or commercial place, within four (4) weeks of the request of the administering authority, a dust management plan must be developed. The dust management plan must address at least, but not be limited to, the following matters:

- (a) identification of dust sources and activities at the place(s) which impact on dust sensitive areas;
- (b) control or abatement measures that can be undertaken to reduce identified dust sources
- (c) the expected reduction of dust emissions at the dust sensitive place that would be achieved from implementing the proposed measures
- (d) the handling of future dust complaints
- (e) community liaison and consultation; and
- (f) training of staff in dust management practices.

Dust Control

- (B5) The registered operator of this approval must undertake all reasonable and practicable measures to minimise wind-borne dust and particulate emissions to the atmosphere from the ERA(s).

Reasonable and practicable measures may include, but are not limited to:

- installation and operation of dust minimisation systems including dust extraction and water sprays;
- sealing trafficable areas with a hard surface and regularly cleaning;
- securely fixing tailgates on trucks; and
- covering the load of all trucks transporting material from the premises to prevent wind-blown releases and spillage.

Agency Interest: Water

Preventing Contaminant Release to Water

- (C1) Contaminants must not be released from the site to any waters or the bed and banks of any waters except for those stated in accordance with Table 2-Contaminant Release Limits to Water.
- (C2) The release of contaminants to waters may only occur at Discharge Location S2 (located at 524080 m E, 6933453 m S) and S4 (located at 524442 m E, 6933647 m S) as shown in *Appendix 2 – Discharge locations*.

Monitoring

- (C3) Monitoring must be undertaken and records kept of contaminant releases to waters from Discharge Location S2 and S4 for the quality characteristics, and not less frequently, than that specified in *Table 2-Contaminant Release Limits to Water*. All determinations of the quality of contaminants released must be:
- (a) made in accordance with methods prescribed in the latest edition of the Administering Authority's Water Quality Sampling Manual; and
 - (b) carried out on samples that are representative of the discharge.

Table 1: Contaminant release limits to water.

Quality Characteristic	Discharge Limit	Limit Type	Monitoring Frequency
pH (pH Units)	6.5 to 8.0	range	Monthly upon release
Total Suspended Solids (mg/L)	50.0*	maximum	Monthly upon release
Total Suspended Solids (mg/L)	90 percentile < 100 mg/L^	maximum	Monthly upon release
Turbidity (ntu)	50.0	maximum	Monthly upon release
Dissolved Oxygen	80 – 105%	range	Monthly upon release
Litter / gross pollutants	None	maximum	Weekly upon release
Visible Oil and Grease	No visible oil and grease.	maximum	Weekly upon release
Phosphorus (mg/L)	0.07	maximum	Upon request of the administering authority
Total Nitrogen (mg/L)	0.65	maximum	

*Limit applied below a 24-hour storm event with an average recurrence interval of 1 in 5 years

^Limit applied above a 24-hour storm event with an average recurrence interval of 1 in 5 years

Sediment Retention Infrastructure

- (C4) The holder of this approval must provide and maintain infrastructure to capture and retain the stormwater from all disturbed areas during a 24-hour storm event with an average recurrence interval of 1 in 5 years.

Liquid Fuel and Chemical Storage Bunding

- (C5) All liquid fuel and chemical tank storages must be designed, constructed and maintained in accordance with AS 1940- Storage and Handling of Flammable and Combustible Liquids.
- (C6) All pipework to and from the bunded areas must be directed over the bund walls and not through them.
- (C7) All tanker vehicle delivery areas must be bunded so that the capacity of the bund is sufficient to contain 110% of the volume of refilling pipes and coupling and decoupling points are to be capped when not in use.
- (C8) All bunded areas must be roofed where practicable.
- (C9) All empty drums must be stored on a concrete hardstand area with their closures in place.
- (C10) Spillage of all chemicals and fuels must be contained within a spillage containment compound impervious to the material stored and controlled in a manner that prevents environmental harm.

Overfill Protection Measures

- (C11) The registered operator of an ERA to which this approval relates must ensure effective and appropriate practical measures are used to prevent overfilling of vessels or containers (including fuel tanks) and prevent spillage of fuel during fuel transfer operations. These measures may include, but are not limited to the use of high level audio and/or visual alarms and ensuring operator diligence.

Maintenance of Vehicles and Plant or Equipment

- (C12) The maintenance and cleaning of vehicles and any other equipment or plant must be carried out in areas from where contaminants cannot be released into any waters, roadside gutter or external stormwater drainage system.

Bund Filter

- (C13) The registered operator of an ERA to which this approval relates must install a bund filter at the diesel storage facility and this device must be operated and maintained such that collected waste oil and sludge is removed by a competent person as often as necessary to ensure the effective operation of the device.
- (C14) The bund filter must be inspected weekly and the hydrocarbon absorbent bund filter replaced when required.
- (C15) Such inspections must be undertaken by a competent person and a record kept of each inspection and each replacement of hydrocarbon absorbent bund filters.

Agency Interest: Noise

Noise Nuisance

- (D1) Noise from an ERA to which this approval relates must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
- (D2) All noise from activities must not exceed the levels specified in *Table 3. Noise limits at a Nuisance Sensitive or Commercial Place*.

Table 2: Noise limits at Nuisance sensitive or Commercial Place

Noise limits at noise sensitive place	
Period	Noise Level at a Noise Sensitive Place Measured as the Adjusted Maximum Sound Pressure Level. $L_{A,max,adj,T}$
7am – 6pm	Background noise level plus 5 dB(A)
6pm – 10pm	Background noise level plus 5 dB(A)
10pm – 7am	Background noise level plus 3 dB(A)
Noise limits at a commercial place	
Period	Noise Level at a Commercial Place Measured as the Adjusted Maximum Sound Pressure Level. $L_{A,max,adj,T}$
7am – 6pm	Background noise level plus 10 dB(A)
6pm – 10pm	Background noise level plus 10 dB(A)
10pm – 7am	Background noise level plus 8 dB(A)

Noise Monitoring

- (D3) When requested by the administering authority monitoring and recording of the noise levels from the activities must be undertaken for the following descriptors, characteristics and conditions:

Other Than Blasting

- a) LA_{max} adj, T
- b) LA_{bg}, T (or LA₉₀, T);
- c) LA_N, T (where N equals statistical levels of 1, 10, 50, 90 and 99);
- d) (Max L_{pA} T;
- e) LA_{eq}, T,
- f) The level and frequency of occurrence of impulsive or tonal noise;
- g) Atmospheric conditions including temperature, relative humidity and wind speed and direction;
- h) Effects due to extraneous factors such as traffic noise.
- i) Location, date and time of recording.

Blasting

- j) Over-pressure level dB (linear peak).

- (D4) Noise monitoring must also be undertaken to investigate any complaint of noise annoyance upon receipt of a written request from the administering authority to carry out such monitoring.
- (D5) The method of measurement and reporting of noise levels must comply with the latest edition of the Administering Authority's Noise Measurement Manual.
- (D6) The measurement and reporting of noise and vibration levels must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required measurements.
- (D7) For the purposes of investigating any complaint about vibration monitoring and recording of the vibration from blasting must be measured and assessed in accordance with AS2670.2-1990 Part 2 or more recent updates to this standard.
- (D8) If noise monitoring indicates or where it is determined by an authorised person that environmental nuisance is being caused, you must:
- (a) address the complaint, including the use of appropriate dispute resolution if required; and
 - (b) immediately implement noise abatement measures so that emissions of noise from site activities do not result in further environmental nuisance.
 - (c) Implement acoustic barriers for the mechanical waste processing areas. The acoustic barriers are to be designed by an appropriately qualified person to ensure compliance with the noise limits in Table 3.

Blasting

- (D9) Noise emanating from blasting operations must not exceed an over-pressure level of 115dB (linear peak) for more than 5% of the total number of blasts carried out over any 12 month period, when measured at any noise sensitive place or commercial place.
- (D10) Noise emanating from blasting operations must not exceed an over-pressure level of 120dB (linear peak) at any time when measured at any noise sensitive place or commercial place.

- (D11) Ground vibration caused by blasting operations must not exceed a peak particle velocity of 5 mm/sec for more than 5% of the total number of blasts carried out over any 12 month period, when measured at any point within one metre of any residential boundary or in or on any other noise sensitive place.
- (D12) Ground vibration caused by blasting operations must not exceed a peak particle velocity of 10 mm/sec at any time, when measured at any point within one metre of any residential boundary or in or on any other noise sensitive place.
- (D13) Blasting must be conducted between the hours of 9am to 5 pm, Monday to Saturday.

Agency Interest: Waste

General

- (F1) The registered operator of an ERA to which this approval relates must not:
 - a) burn waste at or on the approved place;
 - b) allow waste to burn or be burnt at or on the approved place; nor
 - c) remove waste from the approved place and burn such waste elsewhere other than an appropriate approved waste disposal facility that can lawfully burn such waste.

Waste handling

- (F2) All waste generated in the carrying out of an ERA to which this approval relates must be minimised, recycled, sorted, handled, and transferred in a proper and efficient manner. Disposal of such waste must be at a facility lawfully able to accept such waste.
- (F3) All regulated waste removed from the site must be removed by a person who holds a current approval to transport such waste under the provisions of the *Environmental Protection Act 1994*.
- (F4) Where regulated waste is removed from the approved place (other than by a release as permitted under another schedule of this approval), the registered operator of an ERA to which this approval relates must monitor and keep records of the following:
 - a) the date, quantity and type of waste removed;
 - b) the name of the waste transporter and/or disposal operator that removed the waste; and
 - c) the intended treatment/disposal destination of the waste.

(NOTE: Records of documents maintained in compliance with a waste tracking system established under the *Environmental Protection Act 1994* or any other law for regulated waste will be deemed to satisfy this condition.)

Notification of Improper Disposal of Regulated Waste

- (F5) If the registered operator of an ERA to which this approval relates becomes aware that a person has removed regulated waste from the approved place and disposed of the regulated waste in a manner which is not authorised by this approval or is improper or unlawful, then the registered operator of the 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.

Agency Interest: Land

Preventing Contaminant Release to Land

- (L1) Contaminants must not be released to land unless otherwise prescribed by a condition of this approval.
- (L2) Waste waters released from the bund filter at the chemical storage facility must only be released to the Sampling Point S4 at latitude: -27.721424° longitude: 153.247878° as shown in Appendix 2 and must be free of contaminants and visible oil and grease.

Site Rehabilitation

- (L3) Completed areas must be stabilised by landscaping or revegetating as soon as practicable and to the satisfaction of the administering authority.
- (L4) Rehabilitation must be carried out in such a manner as to minimise releases of wind-blown dust and erosion.
- (L5) Access to areas awaiting rehabilitation or being rehabilitated must be restricted by suitable barriers to prevent disturbance of these areas.

Agency Interest: Social

Complaint Recording

- (G1) A person carrying out an ERA to which this approval relates must record the following details for all complaints received and provide this information to the administering authority on request. A record of the following information must be kept for a period of three (3) years:
 - 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.
- (G2) In consultation with the administering authority, cooperate with and participate in any community environmental liaison committee established in respect of either the site specifically or the area where the site is located.

END OF CONDITIONS

Definitions

Words and phrases used throughout this approval are defined below. Where a definition for a term used in this approval is sought and the term is not defined within this approval the definitions provided in the relevant legislation shall be used.

"**Act**" means the *Environmental Protection Act 1994*.

"**administering authority**" means the Department of Environment, Science and Innovation or its successor.

"**annual return**" means the return required under section 316 of the *Environment Protection Act 1994*

"**Appropriately qualified person(s)**" means a person, or persons, who has professional qualifications, training, skills or experience relevant to the environmental authority requirement and can give authoritative assessment, advice and analysis in relation to the EA requirements using the relevant protocols, standards, methods or literature.

"**approval**" means this environmental authority granted under the *Environmental Protection Act 1994*

"**authorised person**" means a person holding office as an authorised person under an appointment under this Act by the chief executive or chief executive officer of a local government.

"**Background noise level**" means either:

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

LA_{avg, 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 fifteen (15) minutes, using Fast response.

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

"**competent**" means a person who is suitably qualified and capable to perform the required task.

"**dwelling**" means any of the following structures or vehicles that is principally used as a residence:

- (a) a house, unit, motel, nursing home or other building or part of a building;
- (b) a caravan, mobile home or other vehicle or structure on land; and
- (c) a watercraft in a marina.

"**intrusive noise**" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration -

- (a) is clearly audible to, or can be felt by, an individual; and
- (b) annoys the individual.

In determining whether a noise annoys an individual, regard must be had to Australian Standard 1055.2 - 1989 Acoustics - *Description and Measurement of Environmental Noise Part 2 Application to Specific Situations*.

LA_{1, adj, 1hr} means the A-weighted sound pressure level, adjusted for tonal character or impulsiveness, that is exceeded for 1% of a 1 hour period when measured using time-weighting 'F'.

LA_{10, adj, 1hr} means the A-weighted sound pressure level, adjusted for tonal character or impulsiveness, that is exceeded for 10% of a 1 hour period when measured using time-weighting 'F'.

LA_{eq, adj, 1hr} means an A-weighted sound pressure level of a continuous steady sound, adjusted for tonal character, that within a 1 hour period has the same mean square sound pressure of a sound that varies with time.

"land" means land excluding waters and the atmosphere.

"licensed" means the person operating the facility mentioned in that condition holds a relevant licence under the *Environmental Protection Act 1994* to carry out an environmentally relevant activity mentioned in that condition.

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

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

"noxious" means harmful or injurious to health or physical well-being.

"nuisance sensitive place" includes -

- a dwelling, residential allotment, 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; or
- a protected area under the *Nature Conservation Act 1992*, the *Marine Parks Act 1992* or a World Heritage Area; or
- a public thoroughfare, park or gardens; or
- 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.

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

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

"regulated waste" is waste that—

- (a) is commercial waste or industrial waste; and
- (b) is of a type, or contains a constituent of a type, mentioned in schedule 9, part 1, column 1 of the Environmental Protection Regulation 2019.

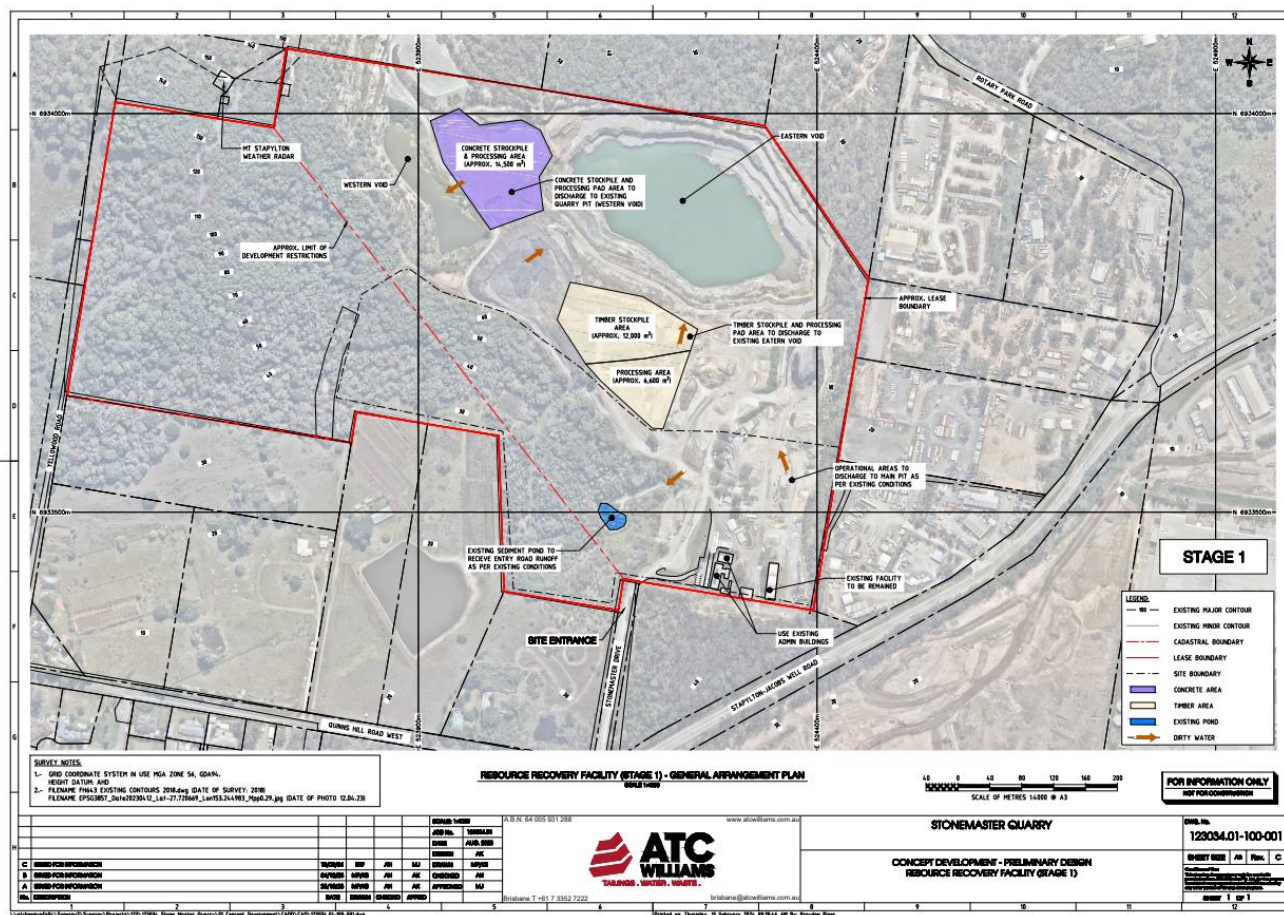
"site" means land or tidal waters on or in which it is proposed to carry out the activities approved under this approval.

"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 runoff, and groundwater and any part thereof.

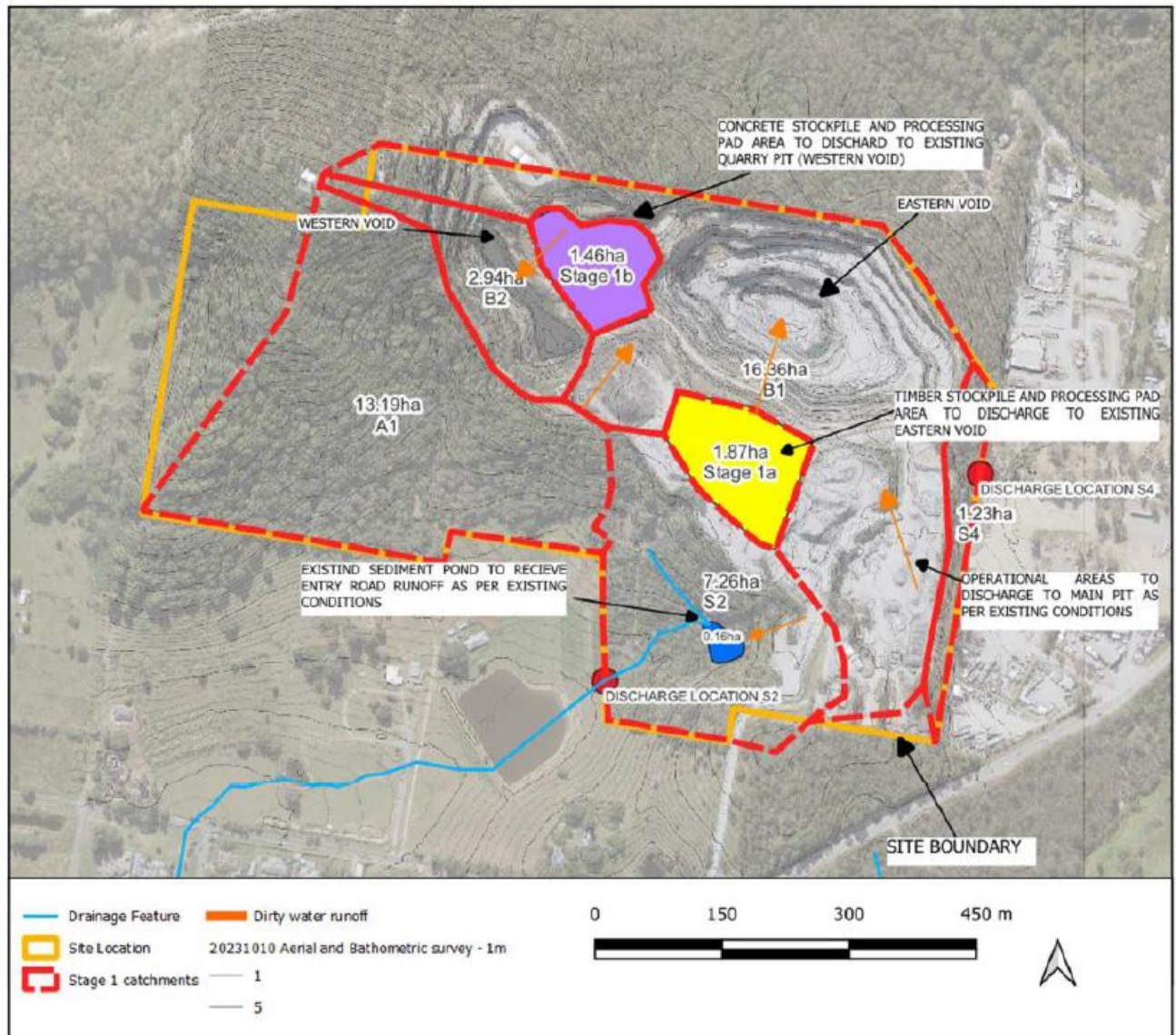
"you" means the holder of this Approval or owner/occupier of the land which is the subject of this Approval.

END OF PERMIT

Appendix 1 – Location of ERA 54-1 Activities.



Appendix 2 – Discharge Locations



END OF ENVIRONMENTAL AUTHORITY