Permit

Environmental Protection Act 1994

Environmental authority EPPR00816513

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

Environmental authority number: EPPR00816513

Environmental authority takes effect on the date it is issued.
The anniversary day of this environmental authority remains **3 March**. The payment of the annual fee will be due each year on this day.

Environmental authority holder

Name	Registered address
Coastal Sand, Soil & Mulch Pty Ltd	73 Dublin Road, CRAIGNISH QLD 4655

Environmentally relevant activity and location details

Environmentally relevant activities	Location
ERA 16 - Extraction and Screening 2: Extracting, other than by dredging, in a year, the following quantity of material (a) 5,000t to 100,000t. ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t. ERA 53 - Organic material processing: Processing more than 200t of organic material in a year - (a) by composting the organic material. 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. ERA 62 - Resource recovery and transfer facility operation; 1: Operating a facility for receiving and sorting, dismantling, baling or temporarily storing-(a) scrap metal, non-putrescible waste or green waste only.	Dublin Road, CRAIGNISH QLD 4655 - Lot 73/MCH844
ERA 57 - Regulated Waste Transport: Transporting regulated waste, other than end-of-life tyres (03 vehicles only).	Various locations throughout the State of Queensland

Queensland Government

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).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- one 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.

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.

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)

Scott Blanchard
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

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Date of decision: 13 May 2021

Conditions of environmental authority

Part 1 – Common Conditions for ALL activities undertaken at Lot 73 Plan MCH844

Environmentally Relevant Activities	Locations
ERA 16 - Extraction and Screening 2: Extracting, other than by dredging, in a year, the following quantity of material (a) 5,000t to 100,000t. ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t. ERA 53 - Organic material processing: Processing more than 200t of organic material in a year - (a) by composting the organic material. 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. ERA 62 - Resource recovery and transfer facility operation: 1: Operating a facility for receiving and sorting, dismantling, baling or temporarily storing-(a) scrap metal, non-putrescible waste or green waste only.	Dublin Road, CRAIGNISH QLD 4655 - Lot 73/MCH844

The environmentally relevant activities conducted at the locations as described above must be conducted in accordance with the following common conditions of approval:

Agency interest: General	
Condition number	**Condition**
P1-G1	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused by the **activities**.
P1-G2	Any breach of a condition of this environmental authority must be reported to the **administering authority** as soon as practicable and within 24 hours of becoming aware of the breach. **Records** must be kept including full details of the breach and any subsequent actions taken.
P1-G3	All **records** must be kept for a period of at least five years and provided to the **administering authority** upon request.
P1-G4	Written procedures must be developed and documented within 3 months of the environmental authority taking effect that: a) identify all potential risks to the environment from the **activity**, including during and outside routine operations, during closure and in an emergency; and b) identify **measures** to prevent or minimise the potential for environmental harm for each of the potential risks identified; and c) establish an inspection and maintenance program for plant and equipment including calibration and servicing that is in accordance with manufacturer's instructions; and

	d) establish a staff training program on obligations under this environmental authority and the *Environmental Protection Act 1994* to be conducted as part of staff inductions and at least annually; and e) establish processes to review environmental risks, incidents, performance and complaints.
P1-G5	Written procedures required by condition G4 must be: a) implemented; and b) reviewed at least annually; and c) provided to the **administering authority** upon request at the time and in the format requested.
P1-G6	For plant and equipment, all **measures** necessary to comply with the conditions of this environmental authority must be: a) installed, operated and maintained in a proper and effective manner; and b) in accordance with condition G4.
P1-G7	When required by the **administering authority**, monitoring must be undertaken in the manner prescribed by the **administering authority** to investigate a complaint of environmental harm, which includes **environmental nuisance**, arising from the **activity**. The monitoring data and an analysis of the results must be provided within 10 business days to the **administering authority** upon its request.
P1-G8	Chemicals and fuels in containers of greater than 15 litres must be stored within a **secondary containment system.** *Note: Liquid chemicals include, but is not limited to:* • *oils;* • *paints;* • *lacquers;* • *thinners;* • *adhesives; and* • *cleaning solvents.*
Agency interest: Waste	
P1-W1	All waste generated in carrying out the **activity** must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
P1-W2	**Incompatible wastes** must not be mixed in the same container or waste storage area.
Agency interest: Air	
P1-A1	Odours or airborne contaminants must not cause **environmental nuisance** to any **sensitive place** or **commercial place**.

P1-A2	Dust and particulate matter emissions must not exceed the following concentrations at any **sensitive place** 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 (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, when monitored in accordance with Australian Standard AS 3580.9.6 (or more recent editions) or any other method approved by the **administering authority**.
Agency interest: Water	
P1-WT1	**Contaminants** must not be released to any **waters** in a manner that causes or is likely to cause environmental harm.
P1-WT2	The stormwater runoff from **disturbed areas,** generated by a storm event up to and including a **24-hour storm event with an average recurrence interval of 1 in 10 years** must be retained on site or managed to remove contaminants before released offsite.
P1-WT3	All ponds used for the storage or treatment of contaminants or wastes at or on the **authorised place**, must be constructed, installed and maintained: a) so as to minimise the likelihood of any release of contaminated water through the bed or banks of the pond to any **waters** (including **groundwater)** achieving permeability through bed or banks of any pond of at least 1 $x10^{-9}$ m/s; b) so as to ensure the stability of the ponds' construction.
Agency interest: Noise	
P1-N1	Noise generated by the activity must not cause **environmental nuisance** to any **sensitive** or **commercial place**.
Agency interest: Land	
P1-L1	Contaminants must not be released to **land**.
P1-L2	**Land** that has been disturbed for activities conducted under this environmental authority must be rehabilitated in a manner such that: a) the potential for erosion is minimised; b) the quality of water, including seepage, released from the site does not cause environmental harm; c) the potential for **environmental nuisance** caused by dust is minimised; d) the water quality of any residual water body does not have potential to cause environmental harm; and e) suitable native species of vegetation for the location are established and sustained for earthen surfaces where beneficial for the end **land** use.

Part 2 – Conditions for extraction and screening activities undertaken at Lot 73 Plan MCH844

Environmentally Relevant Activities	Locations
ERA 16 - Extraction and Screening 2: Extracting, other than by dredging, in a year, the following quantity of material (a) 5,000t to 100,000t. ERA 16 - Extraction and Screening 3: Screening, in a year, the following quantity of material (a) 5,000t to 100,000t.	Dublin Road, CRAIGNISH QLD 4655 - Lot 73/MCH844

The environmentally relevant activities conducted at the locations as described above must be conducted in accordance with the following conditions of approval:

Agency interest: Land	
Condition number	**Condition**
P2-L1	Extraction is only authorised to occur within the area defined as 'Revised Excavation' as shown in Appendix 1 - Monitoring Locations and Development Plan.
P2-L2	Notwithstanding condition P2-L1, extraction must not occur: a) within 100m of mapped Remnant Regional Ecosystems within and adjacent to the site; b) within 50m of the edge of the natural depression located to the east of the western dam, labelled as the 'trench' in Appendix 1 - Monitoring Locations and Development Plan; c) within 20m of *Melaleuca cheelii* at the site.
P2-L3	High visibility markers must be established along the boundary of proposed excavation to clearly identify buffers to areas identified by condition P2-L2 within one month of the issue of this environmental authority.
P2-L4	Spillage of all chemicals and fuels must be contained within an on-site containment system and controlled in a manner that prevents environmental harm. NOTE: All petroleum product storage's must be designed, constructed and maintained in accordance with AS 1940 - Storage and Handling of Flammable and Combustible Liquids
P2-L5	Only clean and uncontaminated fill is permitted to be accepted for use as backfill at the site.
P2-L6	**Records** of the source, volumes, composition and pH of all imported materials accepted at the site for use as backfill must be kept and presented to the administering authority on request.
P2-L7	The latest edition of the Queensland Environmental Protection Agency's INSTRUCTIONS FOR THE TREATMENT AND MANAGEMENT OF ACID SULFATE SOILS, 2001, ('the Instructions') must be complied with when treating and managing acid sulfate soils.

P2-L8	All acid sulfate soils must be disposed of or treated/managed within the **authorised place**. The following locations, amongst others, must be managed with applications of lime if necessary to control the potential release of acidic **leachate**: a) Guard layers under stockpiled material; b) Bunds around stockpiles of excavated material; c) The base and side of areas where excavated material is to be placed; and d) The face of exposed soil batters, prior to backfilling or landscaping.
P2-L9	A qualified fauna spotter / catcher holding a Rehabilitation Permit from the Queensland Parks and Wildlife Service is required to inspect any tree immediately prior to it being felled for the presence of vertebrate fauna. The fauna spotter / catcher is to be present at all times whilst native vegetation is being removed to collect, remove and rehabilitate any native animals that are displaced or injured as a consequence of vegetation clearing activities. A receipt verifying the qualified fauna spotter's attendance during clearing activities is required to be kept and presented to the administering authority on request.
P2-L10	Rehabilitation of **disturbed areas** must take place progressively as works are staged and new areas of extraction are commenced.
Agency interest: Noise	
P2-N1	When requested by the **administering authority**, noise monitoring must be undertaken to investigate any complaint of noise nuisance, and the results notified within 14 days to the **administering authority**. Monitoring must include: a) **$L_{A\ 10,\ adj,\ 10\ mins}$;** b) **$L_{A\ 1,\ adj,\ 10\ mins}$;** c) the level and frequency of occurrence of impulsive or tonal noise; d) atmospheric conditions including wind speed and direction; e) effects due to extraneous factors such as traffic noise; and f) location, date and time of recording. Associated monitoring requirements 1. The method of measurement and reporting of noise levels must comply with the latest edition of the administering authority's Noise Measurement Manual.
Agency interest: Water	
P2-WA1	Erosion protection **measures** and sediment control **measures** must be implemented and maintained to minimise erosion and the release of sediment. Runoff from excavated areas is to be directed into the excavation zone, and away from overland flow paths to **waters**.

P2-WA2

Suitable banks and/or diversion drains must be installed and maintained to exclude stormwater runoff from entering any ponds or other structures / areas used for the storage or treatment of contaminants including acid sulfate soils.

P2-WA3

Acid sulfate soils must be managed such that contaminants are not directly or indirectly released to any **waters**.

P2-WA4

Contaminants must only be released to surface **waters** in compliance with the release limits listed in *Table 2 - Contaminant release limits to water* and from the following discharge locations:

- Discharge Location 1 (D1) - the release of stormwater runoff from the western dam.

Table 2 - Contaminant release limits to water

Monitoring point	Discharge Location	Parameter	Maximum release limit	Monitoring frequency
DI	DI	Suspended Solids	40 mg/L	Weekly in the event of a release
DI	DI	pH	6.5 — 8.0 (range)	Weekly in the event of a release

** Discharge location D1 shown in Appendix 1 - Monitoring Locations and Development Plan.*

P2-WA5

Monitoring must be undertaken and **records** kept of contaminant releases to **waters** from the discharge location for the quality characteristics and not less frequently than 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.

P2-WA6

Monitoring must be undertaken and **records** kept of groundwater from the monitoring point locations for the quality characteristics and not less frequently than specified in *Table 3 — Groundwater monitoring program*. The distance between groundwater bores and the closest area of extraction must be measured and recorded during monitoring events.

Table 3 - Groundwater monitoring program

Monitoring point	Quality characteristics	Frequency
MBI, MB2, MB3	Water level (m AHD)	Monthly
MBI, MB2, MB3	pH	Monthly

** Monitoring point locations are shown in Appendix 1 - Monitoring Locations and Development Plan.*

	*** MB1 is to be located 10m to the south-east of the proposed area of extraction shown in Figure 1.*
P2-WA7	In the event that changes to groundwater pH are detected by monitoring conducted under condition P2-WA6, the environmental authority holder must notify the **administering authority** within 7 days of receiving the analysis results, and at the request of the **administering authority**, must complete an investigation into the source, cause or extent of environmental harm being caused, or the extent of environmental harm likely to be caused, and provide this to the administering authority within one (1) month of receiving the analysis results.
P2-WA8	Notwithstanding condition P2-WA7, the groundwater monitoring data obtained under Condition P2-WA6 must be analysed by a suitably qualified groundwater expert every 12 months to determine any impacts from the activities on the groundwater regime. A summary of the findings, with any conclusions and recommendations must be provided to the **administering authority** within two weeks of the analysis.
P2-WA9	All bores must be surveyed for location and elevation to Australian Height Datum (AHD).
P2-WA10	A plan showing surveyed bore locations and elevation to AHD must be provided to the **administering authority** within 6 months from the date of commencement of this environmental authority.

Part 3 – Conditions for composting activities undertaken at Lot 73 Plan MCH844

Environmentally Relevant Activity	Location
ERA 53 - Organic material processing: Processing more than 200t of organic material in a year - (a) by composting the organic material.	Dublin Road, CRAIGNISH QLD 4655 - Lot 73/ MCH844

The environmentally relevant activity conducted at the locations as described above must be conducted in accordance with the following conditions of approval:

Agency interest: General	
Condition number	**Condition**
P3-G1	**Activities** under this environmental authority must be conducted in accordance with the following limitations: 1. Composting activities, including storage of feedstock and finished composting products, must only be undertaken within the impervious operational pad outlined in *Appendix 2 - Proposed composting area plan.* 2. The manufacture of compost at the site must be by **aerobic composting methods** only. 3. The only materials to be accepted as feedstock for composting are: a) Green waste; b) Offcuts/waste cuts/sawdust of milled **raw timber;** c) Biosolids; d) Cardboard/paper; e) Animal manure; f) Fish processing waste (shells and guts); g) Poultry processing waste; h) Food waste; i) Abattoir waste.
Agency interest: Land	
P3-L1	An area which provides an impervious barrier to subsoil and **groundwater** must be used for: a) receiving, mixing and storing processing materials for the **activity**; b) collecting and storing **leachate**.
Agency interest: Water	
P3-WA2	A **groundwater monitoring system** must:

a) be designed and installed by an **appropriately qualified person**(s) with experience and qualifications in hydrology and **groundwater** monitoring; and

b) include a sufficient number of bores installed at locations and depths which yield representative **groundwater** samples from at least the uppermost aquifer so as to:

i. detect any seepage of contaminants to **groundwater** from the site; and

ii. establish the quality of **groundwater** affected by any seepage of contaminants; and

c) include monitoring of background **groundwater** quality, with both hydraulically **up-gradient bore**(s) or **background bore**(s) that have not been affected by any release of contaminants to **groundwater** from the **activity and** hydraulically **down gradient bore(s)** of the **activity.**

d) **Groundwater** samples taken from the bores must be analysed for, but are not limited to, the water quality parameters required in *Table 1 - **Groundwater** Quality Characteristics;* and

e) **Groundwater** samples taken from the bores must be representative of the aquifer(s).

Table 1 - Groundwater Monitoring Quality Characteristics

Water Quality Parameters	**Units**	**Monitoring Frequency**
pH	pH units	Every 6 months from commencement of the issue of the permit.
Electrical Conductivity	µS/cm	
Total Nitrogen (as N)	mg/L	
Ammonia (as N)	mg/L	
Nitrite (as N)	mg/L	
Nitrate (as N)	mg/L	
Total Phosphorus (as P)	mg/L	
E. Coli	CFU/100mL	
COD	mg/L	

Associated monitoring requirements

1. All monitoring devices must be effectively calibrated and maintained in accordance with the manufacturer's instructions.
2. All **groundwater** monitoring must be conducted in accordance with the current edition of the **administering authority**'s Monitoring and Sampling Manual. Measurements and recording of standing **groundwater** levels must be in metres, accurate to 0.1 metre. The elevation of the reference point, relative to Australian Height Datum, for use in any **groundwater** level measurement must be determined to an accuracy of 0.05 metre.

	3. Measurement of **groundwater** levels must be undertaken prior to any disturbance by sampling, and must be reported as the depth in metres from the established reference point to the water surface within the bore. 4. Each **groundwater** monitoring bore must be fitted with a locked cap at all times other than when sampling is being undertaken. 5. All determinations of the quality of the **groundwater** must employ analytical practical quantification limits sufficiently low enough to enable comparisons to be made against water quality objectives/limits relevant to the particular water quality characteristic.
P3-WA3	In regards to the **groundwater monitoring system** required by condition P3-WA2 for monitoring the effects of the **activity** on **groundwater,** a report must be submitted annually to the **administering authority,** consisting of an analysis and interpretation of monitoring results by an **appropriately qualified person,** containing at least the following: a) The location of the **groundwater** bores; and b) The water quality of each aquifer; and c) Defined **groundwater** contours; and d) An indication of direction of flow; and e) An assessment of the nature and extent of any environmental harm caused by the **activity** on **groundwater.**

Part 4 – Conditions for activities listed below on Lot 73 Plan MCH844

Environmentally Relevant Activity	Location
ERA 54–1 Mechanical waste processing: Operating a facility for receiving and mechanically processing, in a year, more than 5,000t of inert, non-putrescible waste or green waste only; and ERA 62–1(a) Resource recovery and transfer facility operation: Operating a facility for receiving and sorting, dismantling, baling or temporarily storing scrap metal, non-putrescible waste or green waste only.	Dublin Road, CRAIGNISH QLD 4655 - Lot 73/ MCH844

The environmentally relevant activity conducted at the locations as described above must be conducted in accordance with the following conditions of approval:

Agency interest: General	
Condition number	**Condition**
P4-G1	**Activities** under this environmental authority must be conducted in accordance with the following limitations: a) the **activity** must only receive **inert** non-putrescible waste and **green waste**; and b) dust and particulate shields must be installed on the crushing and screening equipment.

Part 5 – Conditions for sites listed below

Environmentally Relevant Activity	Location
ERA 57 - Regulated Waste Transport Transporting regulated waste, other than end-of-life tyres (03 vehicles only).	State of Queensland

The environmentally relevant activity conducted at the locations as described above must be conducted in accordance with the following eligibility criteria and conditions.

Eligibility criteria

Eligibility criteria
Regulated waste is transported by road vehicles only (not by train, boat, aircraft, pipeline or other means).

Table 8.1 General conditions

Conditions applying to all regulated waste transport activities operating under this code.

Condition number	Condition
1	For new **operators** — details of all vehicles used to transport **regulated waste** must be provided to the **department** before commencing the **activity**.
2	For existing **operators** — if any vehicle registration details change, or any vehicles are added to or removed from the fleet of vehicles used to transport **regulated waste**, details of these changes must be provided to the **department**: a) as soon as practicable after the changes occur; or b) if transporting tyres — prior to each **anniversary day** (see section 9); or c) if transporting other **regulated wastes** — when paying the annual fee to the **department** for the **registration certificate**.
3	**Incompatible wastes** must not be: a) placed in the same container; or b) transported in such a way that mixing may occur.
4	**Regulated waste** must only be transported in suitably designed vehicles, tanks, containers or secondary containers that are appropriate for containing the waste being transported.
5	All vehicles, tanks, containers and secondary containers used to transport **regulated waste**: a) must be maintained in a good condition at all times to prevent any spillage or leakage of **regulated waste** or other contaminants; and b) kept free of **regulated waste** residues at all times when not in use.
6	A solid impervious partition must be provided to separate the load compartment/area of the **regulated waste** transport vehicle from the driver's compartment.

7	**Regulated waste** must not be removed or released from any vehicle other than: a) at a facility that can lawfully receive the **regulated waste**; or b) for the purpose of consolidation grease trap and/or other oily wastes in a larger **road tank vehicle** where access to the waste source is restricted to smaller **road tank vehicles**.
8	**Regulated waste** must not leak or spill from the vehicle.
9	Notwithstanding condition 8, any leakage or spillage of **regulated wastes** must be contained immediately, recovered and disposed of to a facility that can lawfully accept the waste.
10	An appropriate spill kit, personal protective equipment and relevant instructions for the management of the **regulated wastes** transported must be maintained and kept in each vehicle.
11	If operating interstate, any spillage, leak, escape or other loss of **regulated waste** from the vehicle must be reported as soon as practicable to the relevant **regulatory agency** of the State or Territory in which the vehicle is travelling when the incident occurs.
12	When operating in Queensland, any **release** of contaminants not in accordance with the conditions of this code must be reported by telephone to the **department's** Pollution Hotline or regional office located in the area where the **release** occurred. Any such **release** must be reported as soon as practicable, but no later than 24 hours (depending on the level of risk to the environment), after becoming aware of the **release**.
13	A written notice detailing the following information must be provided to the **department** within 14 days of any advice provided in accordance with condition 12: a) the name of the **operator**, including the operator's **registration certificate** number; b) the name and telephone number of a designated contact person; c) substance and quantity released; d) vehicle and vehicle 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 the risk or extent of environmental harm caused by the **release**; k) the success of any actions taken to mitigate the risk or extent of environmental harm; and l) proposed actions to prevent a recurrence of the **release**.
14	All vehicles used to transport **regulated wastes** (that are not classified as dangerous goods, or as a placard load of dangerous goods), must be covered by a policy of insurance or other form of indemnity, for a sum that is not less than $100,000, in respect of: a) personal injury, death, property damage and other damage (except consequential economic loss) arising out of fire, explosion, leakage or spillage of dangerous goods in, on or from the vehicle or a container on the vehicle; and b) costs incurred by or on behalf of a Commonwealth, State or Territory government authority in a clean-up resulting from any event of the kind referred to in subparagraph a) of this condition.

15	All records required by this code must be kept for 5 years and be made available to an authorised officer of the **department** when requested.
16	A record of all **regulated waste** (excluding trackable waste) must be kept detailing the following information for every load of waste transported: a) date of pickup of waste; b) description of waste; c) quantity of waste; d) origin of the waste; and e) destination of the waste.
17	At all times, a copy of: a) the **registration certificate** issued by the **department** for **regulated waste** transport activities; and b) the appropriate emergency guides in relation to the waste transported must be carried in the cabin of each vehicle used to transport **regulated waste** and when requested, be presented to an authorised officer of the **department** or relevant **regulatory agency** of the State or Territory in which the vehicle is travelling.
18	All vehicle drivers must: a) have access to a copy of this code in the vehicle, or through direct communication with the vehicle depot or operations base; and b) be trained in the requirements of this code, including the use of all equipment and procedures necessary to comply with the conditions of this code, and document all training undertaken.
19	The following details must be recorded: 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.

Table 8.6 Rigid vehicle conditions

Conditions applying to the transport of regulated waste in rigid vehicles and trailers under this code.

31	When transporting **regulated waste** in **rigid vehicles** and trailers, the tray of the vehicles must be: a) constructed of an impervious material; b) maintained in a sound condition; and c) designed to contain any spills on the tray.

32	When transporting **regulated waste** in **rigid vehicles** and trailers, any waste not fully contained within weatherproof packages must be covered during transport to contain the load and protect it from wind and rain.
33	When transporting **regulated waste** in **rigid vehicles** and trailers, all regulated waste containers must be: a) mounted securely to the vehicle; and b) contained within the tray of the vehicle.
34	When transporting **regulated waste** in **rigid vehicles** and trailers, the vehicle must be fitted with: a) adequate cargo securing devices; and b) in the case of vehicles transporting **packaged regulated waste** (see definitions in section 9 of this code), rigid sides or gates that contain the load while in transit.
35	When transporting **packaged regulated waste** in **rigid vehicles** and trailers, the top of any container must not protrude above the sides or gates of the vehicle by more than 30% of the height of the container.

Table 8.7 Road tank vehicle conditions

Conditions applying to the transport of liquescent and dry particulate regulated waste in road tank vehicles under this code.

36	**Road tank vehicles** must be constructed to minimise instability and risk of rollover.
37	**Road tank vehicles** must be provided with roll-over protection to protect all tanks, components and fittings on the upper and side surfaces of the tank in the event of the vehicle rolling over or becoming inverted.
38	Waste transfer equipment, including discharge point and pipe-work on **road tank vehicles**, must be: a) fitted to the vehicle so as to not extend beyond the outer body line of the vehicle; or b) designed to provide sufficient inherent resistance to damage; or c) provided with protection to prevent damage.
39	**Road tank vehicles** used for the transport of liquid **regulated waste** must have sampling points on the top of each compartment that are readily accessible for the purposes of a roadside inspection.
40	**Regulated waste** material must not leak or spill from waste transfer hoses to the ground while the **road tank vehicle** is in transit.
41	All tank filling and discharge points on **road tank vehicles** must have adequate ground clearance and be rigidly connected to the tank.
42	All **road tank vehicle** vacuum pump systems must be fitted with operational: a) pressure and/or vacuum relief valves; and b) pump shut-off valves.

43	Where **regulated waste** is transported in **road tank vehicles**, the tank capacity must not be exceeded and a mechanism for volume measurement that is readily visible and calibrated to show maximum volume of waste in the tank must be fitted to each tank.
44	Where **regulated waste** is transported in **road tank vehicles**, manholes of sufficient size to allow internal inspection, cleaning and maintenance of the tanks must be fitted.
45	All filling and discharge points of **road tank vehicles** must be fitted with suitable leak proof caps and captive chains when **regulated wastes** are in transit.
46	Each **road tank vehicle** must be provided with an effective bumper and/or barrier system to protect the tank and fittings from rear impact.
47	The transfer of grease trap and/or **oily wastes** as permitted in condition 7 must: a) only occur directly from one **road tank vehicle** to another; b) be conducted using a closed vacuum system; and c) be supervised at all times.
48	The transfer of grease trap waste and/or **oily wastes** must: a) not take place at a **sensitive place;** b) not take place on a road adjacent to a **sensitive place;** c) not cause odour nuisance at a **sensitive place**. The transfer of grease trap waste and/or oily wastes must take place at least 10 metres up gradient from any **waters** or stormwater drain inlet.
49	Where practicable the transfer of waste must be conducted on a bunded, hardstand area to minimise any **releases** of contaminants to land or water if a spill occurs. Where there is potential for a **release** to **waters** or stormwater during a transfer, temporary bunding and/or containment devices must be used to minimise the potential for **release**.

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.

24-hour storm event with an average recurrence interval (ARI) of 1 in 10 years means the maximum rainfall depth from a 24 hour duration precipitation event with an average recurrence interval of once in 10 years. For example, an Intensity-Frequency-Duration table for a 24 hour duration event with an average recurrence interval of 1 in 10 years, identifies a rainfall intensity of 8.2mm/hour. The rainfall depth for this event is therefore 24 hour x 8.2mm/hour = 196.8mm.

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

ADG Code means the *Australian Code for the Transport of Dangerous Goods by Road and Rail*, 7th edition, or more recent versions as they become available. The ADG Code is available for purchase from Canprint — Telephone: (02) 6293 8383 or from the National Transport Commission website at www.ntc.gov.au

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

Aerobic composting methods means using microorganisms that require oxygen to decompose organic matter.

Anniversary day, for a **registration certificate** is defined in Schedule 4 of the EP Act.

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

Approval means 'notice of development application decision' or 'notice of concurrence agency response' under the *Integrated Planning Act 1997.*

Authorised place means the place authorised under this environmental authority for the carrying out of the specified environmentally relevant activities.

Background bore means **groundwater** monitoring bore, constructed in accordance with the Minimum construction requirements for water bores in Australia, and used to sample **groundwater** from an aquifer the water quality of which may be potentially affected by the **activity.** This may be an **up-gradient bore, down-gradient bore** or bore in the same aquifer in a nearby location unaffected by the **activity.**

COD means chemical oxygen demand determined using standard tests (e.g. those used by **NATA** laboratories).

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.

Contaminant(s) as defined in Section 11 of the *Environmental Protection Act 1994*.

Department means the Department of Environment and Science or its predecessor, or its successor.

Disturbed areas includes areas:

1. that are susceptible to erosion;

2. that are contaminated by the **activity;** and/or
3. upon which stockpiles of soil or other materials are located.

Down-gradient bore means a **background bore** in a location hydraulically down gradient of those aspects of the **activity** that may affect **groundwater** quality.

Dwelling means any of the following structures or vehicles that is principally used as a residence

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- a house, unit, motel, nursing home or other building or part of a building;
- a caravan, mobile home or other vehicle or structure on **land**;
- a water craft in a marina.

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

Environmentally relevant activity (ERA) means an activity prescribed by regulation as an ERA.

Green waste as defined in the Waste Reduction and Recycling Regulation 2011.

Groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer.

Groundwater monitoring system means a system of **groundwater** monitoring devices, such as monitoring bores, used to provide data in respect to the level and quality of **groundwater** in the uppermost aquifer where the location of the **groundwater** monitoring devices is such that comparisons of **groundwater** quality and **groundwater** level can be made between **groundwater** flowing from beneath the site (down-gradient flow) of the **activity** and **groundwater** flowing towards the site of the **activity** (up-gradient flow).

Incompatible wastes means wastes that are likely to interact and increase the risk to human health and/or the environment when mixed or brought into contact.

Inert means:

a) bricks, pavers, ceramics, concrete, glass or steel; or
b) similar non-putrescible waste that does not biodegrade or decompose.

$LA10_{, adj, 10 mins}$ 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.

$L_{A\ 1, adj, 10 mins}$ 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.

Land excluding **waters** and the atmosphere.

Leachate means a liquid that has passed through or emerged from, or is likely to have passed through or emerged from, a material stored, processed or disposed of at the site that contains soluble, suspended or miscible contaminants likely to have been derived from the said material.

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

mg/L means milligrams per litre.

NATA means National Association of Testing Authorities.

Oily waste means hydrocarbons and water mixtures or emulsions, including oil and water mixtures or emulsions, which is the **regulated waste** item 41 of Schedule 9 of the Environmental Protection Regulation 2019. **Oily waste** does not include mineral oil (item 38) that is not in a mixture or emulsion with water. Vegetable oil (item 65) is also excluded.

Operator means the person carrying out the ERA.

Packaged regulated waste means **regulated waste** in a container with:

a) a capacity of not more than 450 litres; and
b) a nett mass of not more than 400 kilograms.

Raw timber means offcuts, waste cuts and the sawdust of raw untreated, unfinished and unpainted timber and does not include treated, painted or finished timber.

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

Registration certificate means a **registration certificate** given under section 73F of the EP Act to the **operator** of an ERA.

Regulated waste means waste that—

1. a) is commercial or industrial waste, whether or not it has been immobilised or treated; and
   b) is of a type, or contains a constituent of a type, mentioned in schedule 7.
2. Waste prescribed under subsection (1) includes—
   a) for an element—any chemical compound containing the element; and
   b) anything that contains residues of the waste.

Regulatory agency means the agency of a State or Territory that has responsibility for regulating the transport of regulated wastes in that State or Territory.

Rigid vehicle means a vehicle the load carrying area of which is fixed to the vehicle's chassis or frame (as defined in the ADG Code).

Road tank vehicle means a truck, trailer or semi-trailer or unit in a road train, incorporating a tank, or having a tank or tanks mounted thereon, either permanently or temporarily (as defined in AS 2809.1–2008 — *Road Tank Vehicles for Dangerous Goods*).

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to **land**, **groundwater,** or surface **waters**.

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

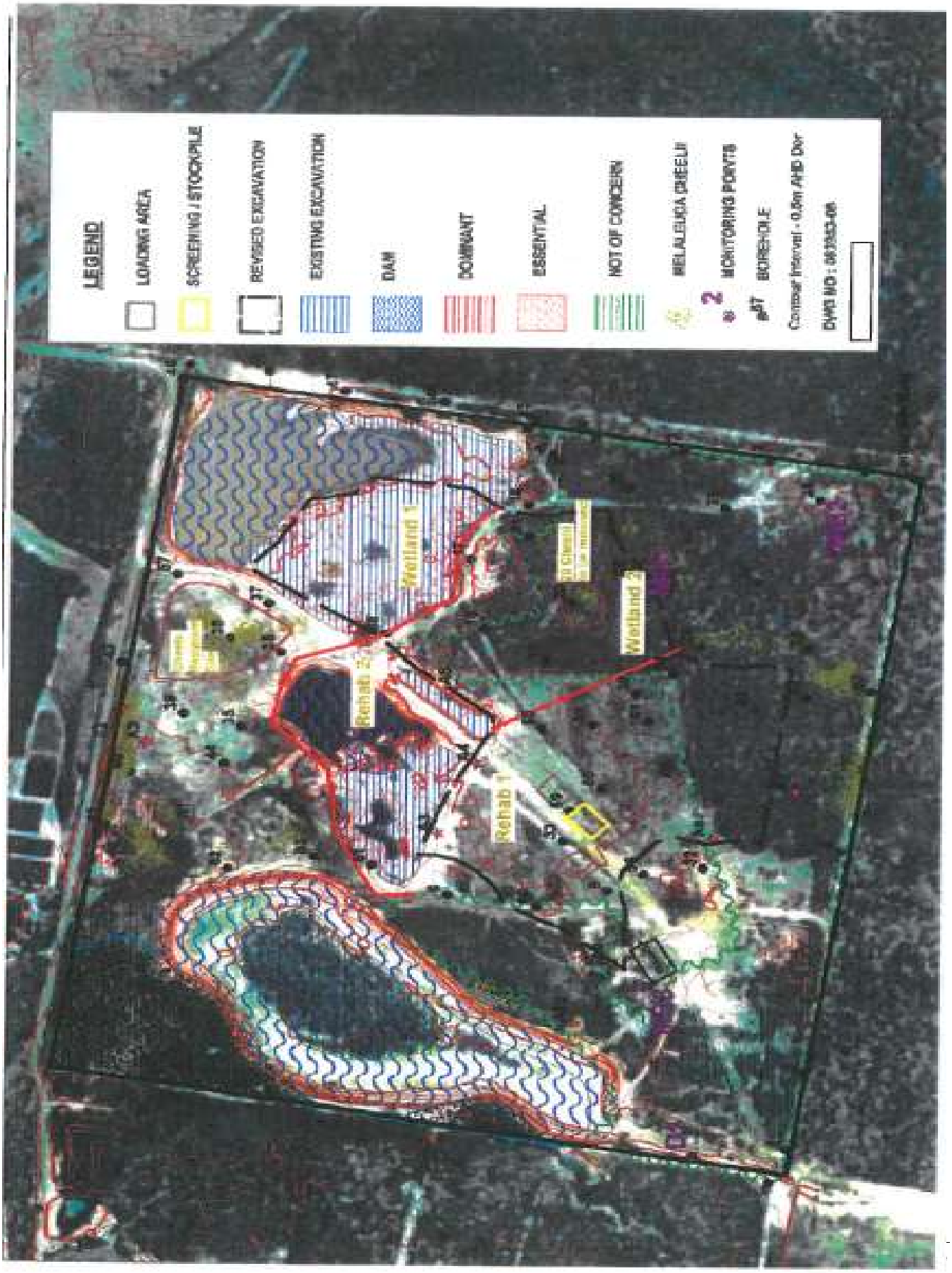
5. a protected area under the *Nature Conservation Act 1992,* the *Marine Parks Act 2004* or a World Heritage Area; or
6. a park or gardens; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

Up-gradient bore means a **background bore,** in a location hydraulically up gradient of all potential influences of the **activity** that may affect **groundwater** quality.

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.

Appendix 1 - Monitoring locations and Development plan



Appendix 2 - Proposed composting area plan



ENVIRONMENTAL AUTHORITY