Permit

Environmental Protection Act 1994

Environmental authority EA0002231

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

Environmental authority number: EA0002231

Environmental authority takes effect on the day the authority is issued

The first annual fee is payable within 20 business days of the effective date.
The anniversary date of this environmental authority is the same day each year as the effective date. Payment of the annual fee will be due each year on the anniversary day. The submission of an annual return will be due on March 1 each year.

Environmental authority holder

Name	Registered address
GREEN SOLUTIONS WIDEBAY PTY LTD	383 Windermere Rd QUNABA QLD 4670 Australia

Environmentally relevant activity and location details

Environmentally relevant activities	Location
ERA 53 - Organic material processing Processing more than 200t of organic material in a year - (a) by composting the organic material	LOT 2 on RP7346
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 33 - Crushing, milling, grinding or screening Crushing, grinding, milling or screening more than 5000t of material in a year	

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-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.

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.

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

Date issued: 02 April 2020

Enquiries:
Waste and Contaminated Land Assessment
Department of Environment and Science

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 Natural Resources, Mines and Energy (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Conditions of environmental authority

Location:

417 Windermere Road, Qunaba QLD 4670
Lot 2 on Plan RP7346

Relevant activities:

ERA 33 Crushing, milling, grinding or screening

ERA 53(a) Organic material processing: Processing more than 200t of organic material in a year by composting the organic material

ERA 54-(1) Mechanical waste reprocessing: Operating a facility for receiving and mechanically reprocessing, in a year, more than 5,000t of inert, non-putrescible waste or green waste only

Agency interest: General	
Condition number	**Condition**
G1	**Activities** under this environmental authority must be conducted in accordance with the following limitations: 1. Composting must be limited to processing: a. **Green waste**, cardboard and paper waste. 2. The activities must only be undertaken on parts of the site identified in 'Figure 1. Site Plan' in Attachment 1.
G2	All reasonable and practicable **measures** must be taken to minimise the likelihood of **environmental harm** being caused.
G3	Any breach of a condition of this environmental authority must be reported to the **administering authority** within 24 hours of becoming aware of the breach and record full details of the breach and any subsequent actions.
G4	All information and **records** that are required by the conditions of this environmental authority must be kept for a period of 5 years.
G5	An **appropriately qualified person(s)** must monitor, record and interpret all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority.
G6	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	Written procedures must be developed and documented 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.
G8	Written procedures required by condition G7 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.
G9	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 G7.
G10	All analysis and tests required under this approval must be carried out by a laboratory that has **NATA** certification for such analysis and tests.
G11	Chemicals and fuels in containers of greater than 15 litres must be stored within a **secondary containment system**.
Agency interest: Air	
Condition number	**Condition**
A1	Other than as permitted within this **environmental authority**, odours or airborne contaminants must not cause **environmental nuisance** to any **sensitive place** or **commercial place**.
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, averaged over 1 month, 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 micrometres (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	

Condition number	Condition
WT1	Other than as permitted within this environmental authority, contaminants must not be released to any **waters** in a manner which will cause **environmental harm**.
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 50 years** must be retained on site or managed to remove contaminants before released offsite.
Agency interest: Noise	
Condition number	**Condition**
N1	Noise generated by the **activity** must not cause **environmental nuisance** to any **sensitive place** or **commercial place.**
Agency interest: Land	
Condition number	**Condition**
L1	Contaminants must not be released to **land**.
L2	Land that has been disturbed for **activities** conducted under this environmental authority must be rehabilitated in a manner such that: 1. the potential for erosion is minimised; 2. the quality of water, including seepage, released from the site does not cause environmental harm; 3. the potential for **environmental nuisance** caused by dust is minimised; 4. the water quality of any residual water body does not have potential to cause environmental harm; and 5. suitable native species of vegetation for the location are established and sustained for earthen surfaces where beneficial for the end land use.
L3	An area which provides an impervious barrier to subsoil and **groundwater** must be used for: 1. receiving, mixing and storing processing materials for the **activity**; and 2. collecting and storing **leachate**.
Agency interest: Waste	
Condition number	**Condition**
WS1	All waste generated in carrying out the **activity** must be reused, recycled or lawfully disposed of offsite.

Definitions

Words and phrases used throughout this permit[1] are defined below. Applicants should note that where a term is not defined, the definition in the *Environmental Protection Act 1994*, its regulations or environmental protection policies must be used. If a word remains undefined it has its ordinary meaning.

24 hour storm event with an average recurrence interval of 1 in 50 years means the maximum rainfall depth from a 24-hour duration precipitation event with an average recurrence interval of once in 50 years.

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

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

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

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.

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.

Environmental harm is any adverse effect, or potential adverse effect (whether temporary or permanent and of whatever magnitude, duration or frequency) on an environmental value, and includes environmental nuisance.

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

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

Green waste means grass cuttings, trees, bushes, shrubs, loppings of trees, bushes or shrubs, or similar matter produced as a result of the ordinary use or occupation of premises.

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

Land does not include **waters**.

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

NATA means National Association of Testing Authorities.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this 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, 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 garden; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2019.

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.

Attachment 1 – 'Figure 1. Site Plan'



END OF ENVIRONMENTAL AUTHORITY