Permit

Environmental Protection Act 1994

Environmental authority EA0001696

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

Environmental authority number: EA0001696

Environmental authority takes effect on the day the authority is issued.

The anniversary date of this environmental authority remains 13 May.

Payment of the annual fee will be due each year on the anniversary day. The submission of an annual return will be due on 1 March each year.

Environmental authority holder

Name	Registered address
SEQ WASTE & RECYCLING PTY LTD	4/65 Christensen Road STAPYLTON QLD 4207 Australia

Environmentally relevant activity and location details

Environmentally relevant activities	Location
ERA 62 - Resource recovery and transfer facility operation 1: Operating a facility for receiving and sorting, dismantling, baling or temporarily storing- (b) general waste 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	540 – 604 Warrego Highway North Tivoli Qld 4305 Lot 2 RP885020

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.

ABN 46 640 294 485

Queensland Government

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.

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 March.

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.

Olga Hawas
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Waste Assessment
Department of Environment and Science
Phone: 1300 130 372
Email: palm@des.qld.gov.au

Date issued: 1 September 2020

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).

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

Location: 540-604 Warrego Highway, North Tivoli QLD 4305 - Lot 2 RP885020

Activity: ERA 62 - Resource recovery and transfer facility operation 1: Operating a facility for receiving and sorting, dismantling, baling or temporarily storing- (b) general waste

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

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

Agency interest: General	
Condition number	**Condition**
G1	Any breach of a condition of this environmental authority must be reported to the **administering authority** as soon as practicable within 24 hours of becoming aware of the breach. **Records** must be kept including full details of the breach and any subsequent actions taken.
G2	**Activities** under this environmental authority must be conducted in accordance with the following limitations: a) Other than **incidental wastes**, the only waste to be accepted at the waste transfer station are **construction and demolition wastes**; b) The activity must be undertaken in accordance with Appendix 1 – Site Plans.
G3	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused by the **activities**.
G4	Written procedures must be developed and documented for the **activity** that meet the following standards: 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.
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.

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.
G7	All **records** must be kept for a period of at least five years and provided to the **administering authority** upon request.
G8	Chemicals and fuels in containers of greater than 15 litres must be stored within a **secondary containment system.**
G9	All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (**NATA**) certification, or an equivalent certification, for such analyses.
G10	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.

Agency interest: Waste

Condition number	Condition
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.
W2	**Incompatible wastes** must not be mixed in the same container or waste storage area.

Agency interest: Acoustic

Condition number	Condition
N1	Other than as permitted within this environmental authority, noise generated by the **activity** must not cause **environmental nuisance** to any **sensitive place** or **commercial place.**
N2	Noise from the **activity** must not include **substantial low frequency noise** components and must not exceed the levels identified in *Table 1 – Noise limits* and the associated requirements at any **nuisance sensitive place** or **commercial place**.

Table 1 – Noise limits

Noise level (dB(A))	**Monday to Saturday**			**Sunday and Public Holidays**		
	7am-6pm	**6pm-10pm**	**10pm-7am**	**9am-6pm**	**6pm-10pm**	**10pm-9am**
Noise measured at a sensitive place						
$L_{Aeq,adj,1hr}$	**Background** +3	**Background** +3	**Background** +0	**Background** +0	**Background** +0	**Background** +0
$maxL_{pA,1hr}$	--	--	47	--	--	47
Noise measured at a commercial place						
$L_{Aeq,adj,1hr}$	**Background** +5	**Background** +5	**Background** +0	**Background** +0	**Background** +0	**Background** +0

	Associated requirements: 1) Limits are applied at the **sensitive** or **commercial place**. 2) The location, date and time of monitoring must be recorded. 3) All monitoring devices must be correctly calibrated and maintained. 4) Any monitoring must be in accordance with the most recent version of the **administering authority's** *Noise Measurement Manual*. 5) Any monitoring of noise emissions from the **activity** must be undertaken when the **activity** is in operation. 6) All monitoring must be performed by an **appropriately qualified person**(s).
Agency interest: Air	
Condition number	**Condition**
A1	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, 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;** or c) a concentration of respirable crystalline silica (as $PM_{2.5}$) of 3 micrograms per cubic metre over a 1 year averaging time, when monitored in accordance with Australian Standard AS 3580.9.10 (or more recent editions) or any other method approved by the **administering authority**.
Agency interest: Land	
Condition number	**Condition**
L1	Contaminants must not be released to **land.**
Agency interest: Water	
Condition number	**Condition**
WT1	Contaminants must not be released to any **waters**.
WT2	All stormwater runoff from **disturbed areas** must be directed into a bio-infiltration swale.
WT3	An **appropriately qualified person**(s) must monitor and record all indicators required by and in accordance with *Table 2 – Stormwater Monitoring* and the associated monitoring requirements.

Table 2 – Stormwater Monitoring

Indicators	Measurement (units)	Minimum frequency	Monitoring location
Water			
pH	pH, 1 min rolling average	On commencement during the first release, and six monthly thereafter	Bio-infiltration swale outlet
TSS (Total suspended solids)	mg/L		
Dissolved Oxygen	mg/L		
Electrical Conductivity	µS/cm		
Total Nitrogen	mg/L		
Total Phosphorus	mg/L		
Total Petroleum Hydrocarbons	mg/L		

Associated monitoring requirements

1) Monitoring must be undertaken any time the **activity** is in operation.
2) Monitoring must be undertaken during a release.
3) All monitoring devices must be effectively calibrated and maintained in accordance with the applicable manufacturer's instruction.
4) Monitoring must be taken when emissions are expected to be representative of actual operating conditions for the sample frequency period.
5) Water quality monitoring must be in accordance with the methods prescribed in the current edition of the **administering authority's** *Monitoring and Sampling Manual*; and the most recent editions of AS/NZS 5667 (parts 1, 4 and 10):1998 Water quality - sampling.

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.

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 EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirement using the relevant protocols, standards, methods or literature.

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

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

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

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

Incidental waste means minor amounts of wastes occasionally found in defined waste loads and can be removed during sorting.

Incompatible waste means waste that may chemically react when:
1. placed in proximity to other wastes; and/or
2. mixed with other wastes.

$L_{Aeq\ adj,T}$ means the adjusted A weighted equivalent continuous sound pressure level measured on fast response, adjusted for tonality and impulsiveness, during the time period T, where T is measured for a period no less than 15 minutes when the **activity** is causing a steady state noise, and no shorter than one hour when the approved **activity** is causing an intermittent noise.

Land does not include waters.

$MaxL_{pA}$ means the highest noise level during a specifc time period or during a specified number of events expressed as the absolute maximum level of the root-mean-square (r.m.s.) sound pressure level using time weighting 'F'.

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

NATA means National Association of Testing Authorities.

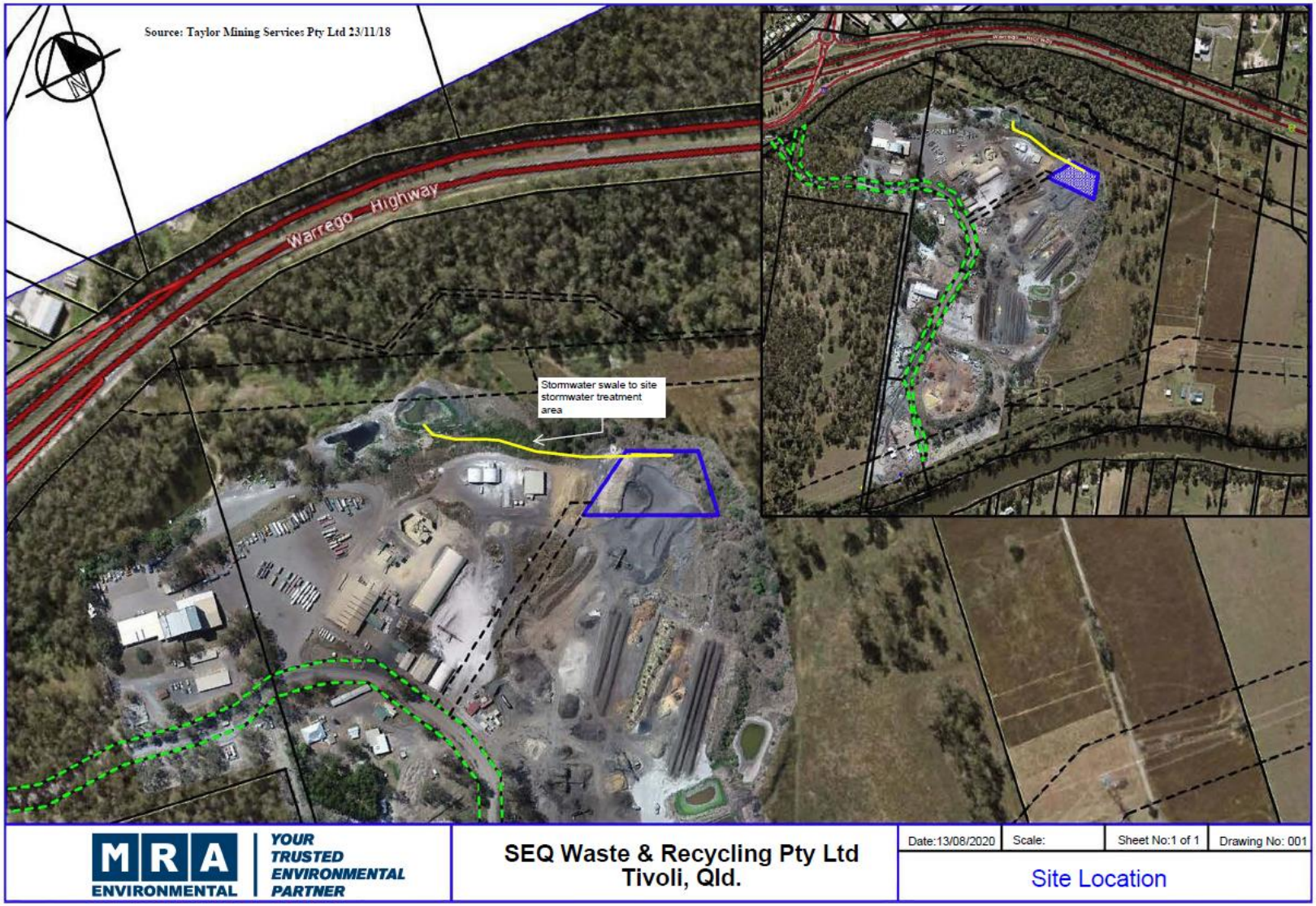
Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

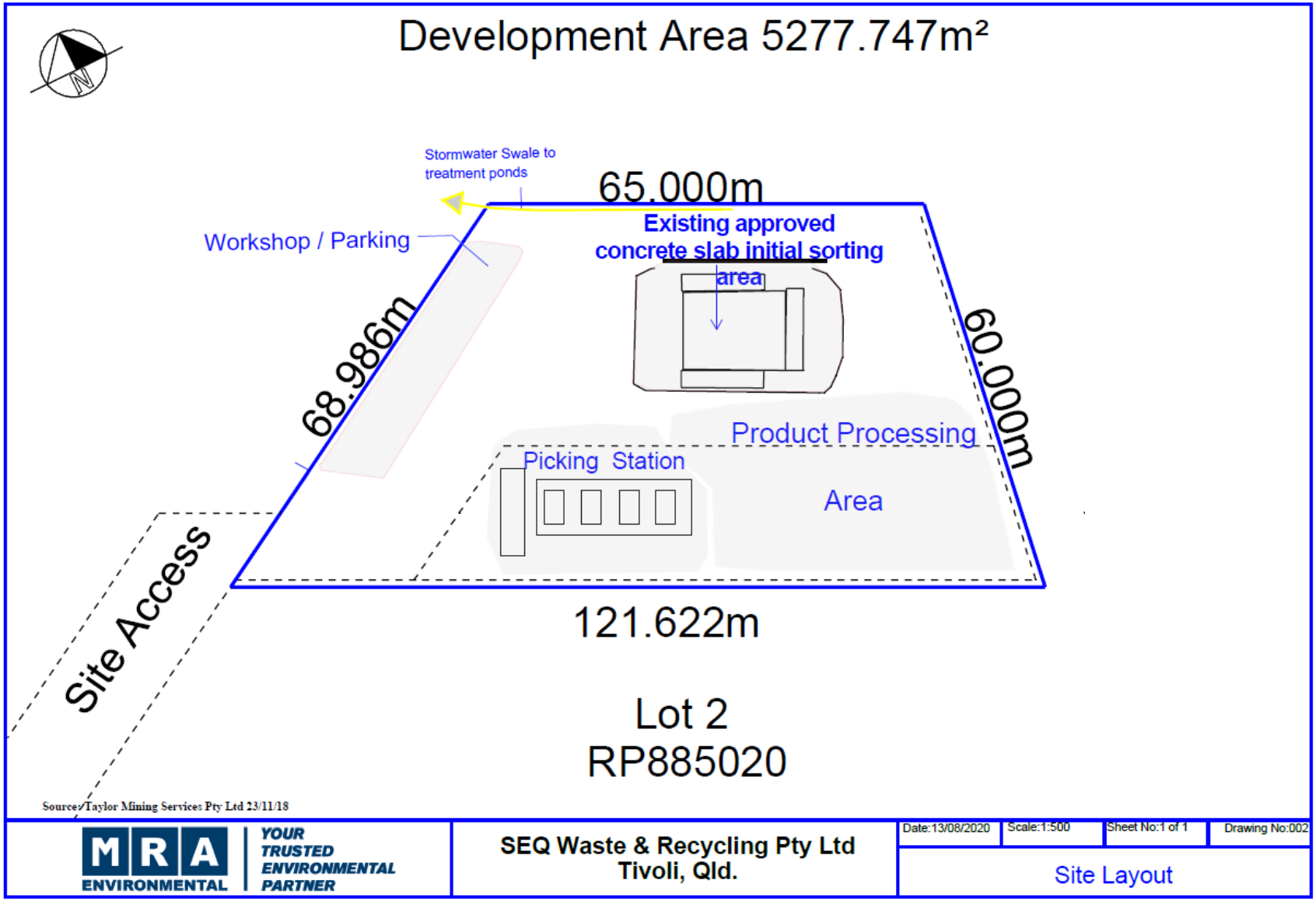
Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system, to land, groundwater, or surface waters.

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 public 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.

Appendix 1 – Site Plans





END OF ENVIRONMENTAL AUTHORITY