Queensland Government

Department of
Environment and Heritage Protection

Tox Free Australia Pty Ltd
PO Box 1108
OSBORNE PARK DC WA 6916

Email: r.irvine-marshall@toxfree.com.au

Attention: Ms Rachel Irvine-Marshall

Your reference: EPPR04088316
Our reference: 442254

Application details

I refer to the application that was received by the administering authority on 29-JUN-2016.

Land description: Spiller Avenue, MACKAY HARBOUR QLD 4740 Lot 10 Plan SP258646.

Decision

Your application has been approved and your environmental authority (reference EPPR04088316) is attached.

Should you have any further enquiries, please contact Kimberley Marian on telephone (07) 3330 5527.

Yours sincerely

	2/8/2016.
Signature	Date

Kelly Gleeson
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Kimberley Marian
Waste and Contaminated Land Assessment
Department of Environment and Heritage Protection
GPO Box 2454
Brisbane Qld 4001
Phone: 07 3330 5527
Fax: 07 3330 5875
E-mail: kimberley.marian@ehp.qld.gov.au
Website **www.ehp.qld.gov.au**
ABN 46 640 294 485

Enclosed

Permit - environmental authority (reference EPPR04088316)

Permit[1]

Environmental Protection Act 1994

Environmental authority

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

Permit[1] number: EPPR04088316

Environmental Authority takes effect when your related development permit reference number PL/04/02/00001 takes effect.

Within 20 business days of the environmental authority taking effect, the administering authority must be given written notice of the occurrence.

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. An annual return and the payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name	Registered address
Tox Free Australia Pty Ltd	Level 2 55 Carrington Street NEDLANDS WA 6909

Environmentally relevant activity and location details

Environmentally relevant activity(ies)	Location(s)
58-Regulated waste treatment 62-Waste transfer station operation >30t or 30m3 day	103 Spiller Avenue, MACKAY HARBOUR QLD 4740 - Lot 10 Plan SP258646

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority is issued is a restatement of the ERA as defined by legislation at the time the approval is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an environmental authority as to the scale, intensity or manner of carrying out an ERA, then the conditions prevail to the extent of the inconsistency.

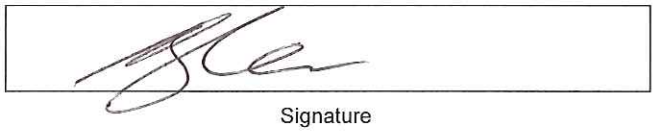
An environmental authority authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the authority specifically authorises environmental harm.

[1] Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation

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 if an owner or occupier of land becomes aware a notifiable activity (as defined in Schedule 3 and Schedule 4) is being carried out on the land, or that the land has been, or is being, contaminated by a hazardous contaminant, the owner or occupier must, within 22 business days after becoming so aware, give written notice to the chief executive.



Signature

2/8/2016.

Date

Kelly Gleeson
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Kimberley Marian
Waste and Contaminated Land Assessment
Department of Environment and Heritage Protection
GPO Box 2454
Brisbane Queensland 4001
Phone: 07 3330 5527
E-mail: kimberley.marian@ehp.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)

Conditions of environmental authority

The environmentally relevant activities conducted at the location as described above must be conducted in accordance with the following site specific 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 conducted under this environmental authority must not be conducted contrary to any of the following limitations: a) only receive, store, consolidate and/or process/treat those wastes listed in Table 1 Waste Acceptance and Purpose of Receival; and b) do not process any of the wastes listed in Table 2 Prohibited Wastes for Treatment.
G3	All reasonable and practicable **measures** must be taken to prevent or minimise environmental harm caused by the activities.
G4	The **activity** must be undertaken in accordance with written procedures that: a) identify potential risks to the environment from the **activity** during routine operations and emergencies; and b) establish and maintain control **measures** that minimise the potential for environmental harm; and c) ensure plant, equipment and **measures** are maintained in a proper and effective condition; and d) ensure plant, equipment and **measures** are operated in a proper and effective manner; and e) ensure that staff are trained and aware of their obligations under the *Environmental Protection Act 1994*; and f) ensure that reviews of environmental performance are undertaken at least annually.
G5	All **records** must be kept for a period of at least five years and provided to the **administering authority** upon request.
G6	Chemicals, fuels and wastes in containers of greater than 15 litres must be stored within a **secondary containment system.**

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 nuisance** arising from the **activity**. The monitoring results must be provided within 10 business days to the **administering authority** upon its request.
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.
Agency interest: Water	
Condition number	**Condition**
WT1	Contaminants must not be released to any **waters**.
WT2	Contaminants must not be released to **groundwater** or at a location where they are likely to release to **groundwater**.
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.**
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.

W3	Waste being treated must be lawfully treated to render it less hazardous and be fit for its intended use or disposal.

Tables

Table 1 Waste Acceptance and Purpose of Receival

Material	Regulated Waste Storage and Consolidation	Regulated Waste Processing and Treatment
Agricultural chemicals	Y	Y
Batteries	Y	
Grease trap	Y	Y
Grease	Y	Y
Coolants	Y	Y
Small packaged dangerous goods (ie aerosol cans)	Y	Y
Small packaged chemical wastes (ie schools, hospitals, laboratory)	Y	Y
Oily water, including interceptor oil	Y	Y
Oil filters	Y	Y
Oily rags and absorbents	Y	Y
Wastewaters contaminated with oils or oil emulsions	Y	Y
Diesel Oil	Y	
Furnace Oil	Y	
Waste kerosene, ULP, acetone, BTEX and degreasing oil	Y	
Waste oil brake fluid, transmission fluid	Y	
Transformer oil containing polychlorinated biphenyls (PCBs)	Y	
Solvents such as ethanol and dry cleaning fluids, toluene, turpentine, acetone, methyl acetate, ethyl acetate, and hexane.	Y	
Solvent based paints	Y	
Poisons such as agricultural chemicals (pesticides and herbicides)	Y	Y
Class 6 – Toxics and infectious substances	Y	
Acids	Y	Y
Alkalis	Y	Y
Asbestos containing material	Y	

Heavy metal contaminated soil	Y	Y
Hydrocarbon contaminated soil	Y	Y
BTEX contaminated soil and sludges (ie filter cake, powder, solids and precipitates)	Y	Y
Herbicide contaminated soil	Y	Y
Synthetic pyrethroid contaminated soil	Y	Y
PAH contaminated soil	Y	Y
Hydrocarbon contaminated sludges (ie filter cake, powder, solids and precipitates)	Y	Y
Neutralised liquids contaminated with heavy metals	Y	Y
Miscellaneous regulated waste - liquid	Y	Y

Table 2 Prohibited Wastes for Treatment

Class 1	Explosives
Class 2	Flammable, Toxic or Oxidising Gases
Class 4	Flammable Solids
Class 5.2	Organic Peroxides
Class 6.1	Cytotoxic drugs, chemicals or pharmaceuticals
Class 7	Radioactive Materials

Definitions

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

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 Heritage Protection 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% of the time period of not less than 15 minutes, using Fast response.

Boundary means within 1m of the cadastral **boundary** of the approved place.

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

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

General waste means waste other than regulated waste.

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

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

Land does not include **waters**.

Liquid means any substance that:
1. has an angle of repose of less than five degrees; or
2. becomes free flowing at or below 60 degrees Celsius or when it is transported; or
3. is not generally capable of being picked up by a spade or shovel.

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

NATA means National Association of Testing Authorities.

Noxious means harmful or injurious to health or physical well-being.

Offensive means causing offence or displeasure, is unreasonably disagreeable to the sense, disgusting, nauseous or repulsive.

Prescribed water contaminants means contaminants listed within Schedule 9 of the Environmental Protection Regulation 2008.

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 2008.

Vibration is the oscillating or periodic motion of a particle, group of particles, or solid object about its equilibrium position.

Waters includes river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

END OF PERMIT