Permit

Environmental Protection Act 1994

Environmental authority EPPR01433513

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

Environmental authority number: EPPR01433513

Environmental authority takes effect on 19 July 2019

Environmental authority holder(s)

Name(s)	Registered address
HOLY CROSS LAUNDRY LTD.	31 Guardhouse Road BANYO QLD 4014

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
Prescribed ERA, ERA 15 - Fuel burning, Using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour	Lot 22/SP233901

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.

ABN 46 640 294 485

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.

Clancy Mackaway
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 19 July 2019

Enquiries:
Extraction, Energy and Chemical Industries 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)

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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).

Obligations under the *Mining and Quarrying Safety and Health Act 1999*

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at www.dnrm.qld.gov.au, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Environment and Science to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

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

Queensland Government

Agency interest: General	
Condition number	**Condition**
G1	Activities conducted under this environmental authority must not be conducted contrary to any of the following limitations: a) the only type of fuel to be burned in the fuel burning equipment is natural gas.
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. Full details of the breach and any subsequent actions taken in response to the breach must be recorded.
G4	All information and records that are required by the conditions of this environmental authority must be kept for a period of at least 5 years.
G5	An **appropriately qualified person(s)** must monitor, interpret and record all parameters that are required to be monitored, in the manner provided and in compliance with the associated monitoring requirements.
G6	All analysis and tests required under this approval must be carried out by a laboratory that has NATA certification for such analysis and tests.
G7	If **you** become aware of any adverse impact on an **environmental value you** must notify the **administering authority** in writing of the full details of the adverse impact within 24 hours of becoming aware of the impact.

Agency interest: Air	
Condition number	**Condition**
Al	Odours or airborne contaminants which are **noxious** or **offensive** or otherwise unreasonably disruptive to public amenity or safety must not be released to any **nuisance sensitive place** or **commercial place.**
A2	The only contaminants to be released to air are stack emissions from natural gas burning in accordance with Table 1 — Air Release Specifications and the associated requirements.

A3	Air emission releases must be monitored for NOx and PM2.5 upon the commencement of the activity, and again after three months of operation of the activity, in accordance with Table 1 — Air Release Specifications and the associated requirements. Results must be submitted to the administering authority as soon as practicable.
A4	NOx emissions must be tested in accordance with a rolling monitoring program which ensures that each emission source is tested at least every 4 years.
A5	No more than 14 Dryers, as they are described in Table 1 - Air Release Limits, may be operated at any one time.
Agency interest: Water	
Condition number	**Condition**
Wa1	Contaminants must not be released from the site to any **waters** or the bed and banks of any waters.
Agency interest: Noise	
Condition number	**Condition**
N1	Noise from the activity must not exceed the levels identified in Table 2 — Noise limits and the associated requirements at the **boundary** of the approved place: Lot 22 on Plan SP233901.
Agency interest: Land	
Condition number	**Condition**
L1	Contaminants must not be released to land.
Agency interest: Waste	
Condition number	**Condition**
Ws1	Waste must only be removed from the site by using a transporter lawfully able to transport it, and taken to a place lawfully able to receive it.
Ws2	Waste must not be burnt.

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 successor or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills or 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.

Background means noise, measured in the absence, of the noise under investigation, as **L** Aso,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.

Boundary means within lm 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.

Environmental nuisance (the Act) is unreasonable interference or likely interference with an **environmental value** caused by—

a) aerosols, fumes, light, noise, odour, particles or smoke; or

b) an unhealthy, offensive or unsightly condition because of contamination; or

c) another way prescribed by regulation.

Environmental value (the Act) is—

a) a quality or physical characteristic of the environment that is conducive to ecological health or public amenity or safety; or

b) another quality of the environment identified and declared to be an environmental value under an environmental protection policy or regulation.

$L_{Aeq\ adj\ T}$ means the adjusted A weighted equivalent continuous sound pressure level measures 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 1 hour when the approved activity is causing an intermittent noise.

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

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

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or

b) a motel, hotel or hostel; ora kindergarten, school, university or other educational institution; or

c) a kindergarten, school, university or other educational institution; or

d) a medical centre or hospital; or

e) a protected area under the *Nature Conservation Act 1992,* the *Marine Parks Act 1992* or a World Heritage Area; or

f) a public thoroughfare, park or gardens; or

g) for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2008.

Waters includes any river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, the 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.

Appendices

Schedule 1 Release Limits

Release Point ID	Location - UTM (m) Zone 56		Minimum release height (m)	Minimum velocity (m/s)	Minimum temperature (°C)	Maximum Emission Rate NOx (g/s)	Maximum Emission Rate PM2.5 (g/s)
	y-coordinate	x-coordinate					
Boiler 1	507824	6971594	14.0	6.0	170	0.24	0.0072
Boiler 2	507829	6971600	14.0	6.0	170	0.24	0.0072
Dryer 1	507843	6971568	14.8	6.0	70	0.045	0.0051
Dryer 2	507845	6971570	14.8	6.0	70	0.045	0.0051
Dryer 3	507845	6971565	14.8	6.0	70	0.045	0.0051
Dryer 4	507847	6971568	14.8	6.0	70	0.045	0.0051
Dryer 5	507847	6971562	14.8	6.0	70	0.045	0.0051
Dryer 6	507849	6971564	14.8	6.0	70	0.045	0.0051
Dryer 7	507848	6971560	14.8	6.0	70	0.045	0.0051
Dryer 8	507850	6971562	14.8	6.0	70	0.045	0.0051
Dryer 9	507851	6971557	14.8	6.0	70	0.045	0.0051
Dryer 10	507853	6971559	14.8	6.0	70	0.045	0.0051
Dryer 11	507852	6971555	14.8	6.0	70	0.045	0.0051
Dryer 12	507855	6971557	14.8	6.0	70	0.045	0.0051
Dryer 13	507857	6971554	14.8	6.0	70	0.045	0.0051
Dryer 14	507858	6971552	14.8	6.0	70	0.045	0.0051
Dryer 15	507854	6971553	14.8	6.0	70	0.045	0.0051
Dryer 16	507854	6971551	14.8	6.0	70	0.045	0.0051
Tunnel Finisher 1	507873	6971571	14.8	8.0	60	0.02	0.002
Tunnel Finisher 2	507867	6971579	14.8	8.0	60	0.02	0.002
Tumble Dryer 1	507859	6971549	14.8	4.0	25	0.043	0.0013
Tumble Dryer 2	507863	6971553	14.8	4.0	25	0.043	0.0013
Tumble Dryer 3	507868	6971556	14.8	4.0	25	0.043	0.0013
Tumble Dryer 4	507867	6971555	14.8	4.0	25	0.043	0.0041
Tumble Dryer 5	507866	6971554	14.8	4.0	25	0.043	0.0041

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 moniroting devices myst be effectively calibarated and maintained.

Table 2 Noise Limits

Noise level measured in dB(A)	Monday to Saturday			Sunday and Public Holidays		
	7am-8pm	8pm-10pm	10pm-lam	7am-6pm	6pm-10pm	10pm-ham
	Noise measured at the **boundary** of Lot 22 on Plan SP233901.					
LAeq, adj, lhr	65	50	No audible noise	No audible noise		

Associated requirements

The compliance noise level must be measured as the component noise level, as near as practicable to the location and height where a straight line from the sound source to the affected dwelling intersects the closest boundary of the approved place. If this is not practically possible, then noise should be measured at the affected dwelling and modelled to determine compliance at the relevant boundary. If a noise reducing device is constructed at the point of measurement, then the effect of this device will be taken into account.

END OF ENVIRONMENTAL AUTHORITY