Permit

Environmental Protection Act 1994

Environmental authority EPPR00429413

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

Environmental authority number: EPPR00429413

This environmental authority takes effect on the day it is signed by the Delegate.

The **anniversary day** of this environmental authority remains 16th May. 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.

Environmental authority holder(s)

Name(s)	Registered address
DEPT OF HEALTH QLD	501 Stanley Street SOUTH BRISBANE QLD 4101

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 15 - Fuel burning Using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour	Lot 702 on SP183568

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).

Queensland Government

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.

Sarah Mitchell
Department of Environment and Science
Delegate of the administering authority
Environmental Protection Act 1994

Date issued: 4th March 2020

Enquiries:
Utilities and Government Organisations 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.

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

Environmentally relevant activities	Location
Fuel Burning (ERA 15) consists of using fuel burning equipment that is capable of burning at least 500kg of fuel in an hour.	Princess Alexandra Hospital, 199 Ipswich Road, WOOLLOONGABBA QLD 4102 Lot 702 Plan 8P183568

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

Agency interest: General	
Condition number	**Condition**
G1	Prevent and/or minimise likelihood of environmental harm In carrying out an ERA to which this approval relates, all reasonable and practicable measures must 'be taken to prevent and / or to minimise the likelihood of environmental harm being caused.
G2	The operator of an ERA to which this approval relates must: a) install all measures, plant and equipment necessary to ensure compliance with the conditions of this approval; and b) maintain such measures, plant and equipment in a proper and efficient condition; and c) operate such measures, plant and equipment in a proper and efficient manner.
G3	Site Based Management Plan From commencement of an ERA to which this approval relates, a site based management plan (SBMP) must be implemented. The SBMP must identify all sources of environmental harm, including but not limited to the actual and potential release of all contaminants, the potential impact of these sources and what actions will be taken to prevent the likelihood of environmental harm being caused. The SBMP must also provide for the review and 'continual improvement' in-the overall environmental performance of all ERAs that are carried out. The SBMP must address the following matters: a) Environmental commitments - a commitment by senior management to achieve specified and relevant environmental goals. b) Identification of environmental issues and potential impacts. c) Control measures for- routine operations to minimise likelihood of environmental harm. d) Contingency plans and emergency procedures for non-routine situations. e) Organisational structure and responsibility.

	f) Effective communication. g) Monitoring of contaminant releases. h) Conducting environmental impact assessments. i) Staff training. j) Record keeping. k) Periodic review of environmental performance and continual improvement
G4	The site based management plan must not be implemented or amended in a way that contravenes any condition of this approval.
G5	Records Record, compile and keep all monitoring results required by this approval and present this information to the administering authority when requested.
G6	All records required by this approval must be kept for 5 years.
G7	Waste Records A record of all waste must be kept detailing the following information: 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 Note: Trackable wastes as listed in Schedule 1 of the Environmental Protection (Waste Management) Regulation 2019 are not covered by this condition. Trackable wastes have similar recording requirements to this condition in accordance with a waste tracking system established under the above Regulation.
G8	Notification Telephone the Queensland Government Pollution Hotline or local office as soon as practicable after becoming aware of any release of contaminants not in accordance with the conditions of this approval.
G9	Information About Spills A written notice detailing the following information must be provided to the DES within 14 days of any advice provided in accordance with condition G8: a) the name of the operator, including their approval / registration number; b) the name and telephone number of a designated contact person; c) quantity and substance released; d) vehicle and 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, actions taken to mitigate any environmental harm caused by the release; and j) proposed actions to prevent-a recurrence of the release.
G10	Monitoring A competent person(s) must conduct any monitoring required by this approval.
G11	Equipment Calibration All instruments, equipment and measuring devices used for measuring or monitoring in accordance with any condition of this approval must be calibrated, and appropriately operated and maintained.
G12	Spill Kit An appropriate spill kit, personal protective equipment and relevant operator instructions/emergency procedure guides for the management of wastes and chemicals associated with the ERA must be kept at the site.
G13	Spill Kit Training Anyone operating under this approval must be trained in the use of the spill kit,
Agency interest: Air	
Condition number	**Condition**
A1	Nuisance The release of noxious or offensive odours or any other noxious or offensive airborne contaminants resulting from the activity must not cause a nuisance at any nuisance sensitive or commercial place.
A2	The Release Of Contaminants To The Atmosphere The release of contaminants to the atmosphere from a point source must only occur from those release points identified in **Table 1** - Contaminant release limits to air - and must be directed vertically upwards without any impedance or hindrance.
A3	Contaminants must not be released to the atmosphere from a release point at a mass emission rate/concentration, as measured at a monitoring point, in excess of that stated in **Table 1** Contaminant release limits to air.
A4	Contaminants must be released to the atmosphere from a release point at a height and a flow rate not less than the corresponding height and velocity stated for that release point in **Table 1** Contaminant release limits to air.

A5	All release points referred to in **Table 1** - Contaminant release limits to air - must be conspicuously marked with the corresponding release point number.
A6	When requested by the administering authority, monitoring must be undertaken to investigate any complaint of environmental nuisance caused by a release to the atmosphere from a release point at the site, and the results' thereof notified to the administering authority within 14 days following completion of monitoring.
A7	Monitoring of any releases to the atmosphere required by a condition of this approval must be carried out in accordance with the following requirements: a) Monitoring provisions for, the release points listed in **Table 1** -.Contaminant release limits to air must comply with the Australian Standard AS 4323.1 - 1995 'Stationary source emissions Method 1: Selection of sampling positions' (or more recent editions). b) The following tests must be performed for each required determination specified in Table 1 —Contaminant release limits to air: i. gas velocity and volume flow rate; ii. temperature; iii. water vapour concentration (moisture content); iv. oxygen content. c) Where practicable, samples must be taken when emissions are expected to be at maximum rates.
A8	The only fuel which may be burned in the boilers is natural gas.
A9	Catalytic oxidation purifiers must be installed in exhaust pipes-as close as practicable to all engines. All releases of contaminants to the atmosphere are to be via these purifiers.
A10	The standby diesel generators are only to be used when: - there is a failure in the power supply grid or; - testing according to manufacturer's specifications is required or; - the energy provider requests assistance with supplementary power or; - required as a result of a computer system malfunction which would not be reasonably foreseen.
A11	The only fuel which may be burned in the standby generators is diesel.
A12	The sulphur content of fuel burned in the standby generators must not exceed 50mg/kg.

Agency interest: Land	
Condition number	**Condition**
L1	Preventing Contaminant Release To Land. Contaminants must not be released to land.
L2	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.
Agency interest: Noise	
Condition number	**Condition**
N1	Noise Nuisance Notwithstanding condition N4, noise from the ERA must not cause an environmental nuisance at any nuisance sensitive place or commercial place.
N2	Noise Monitoring 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: - $L_{A\ 10,\ adJ,\ 10\ mins}$ - $L_{A\ 1,\ adJ,\ 10\ mins}$ - the level and frequency of occurrence of impulsive or tonal noise; - atmospheric conditions' including wind speed and direction; - effects due to extraneous factors such as traffic noise; and - location, date and time of recording
N3	All noise from activities must not exceed the levels specified in **Table 2** - Noise limits at any nuisance sensitive or commercial place.
N4	The method of measurement and reporting of noise levels must comply with the latest edition of the DES Noise Measurement Manual.

Agency interest: Social	
Condition number	**Condition**
S1	Complaint Response The operator of the ERA must record the following details for all complaints received and provide this information to the administering authority on request: 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
Agency interest: Water	
Condition	
WA1	Release To Waters Contaminants must not be released from the site to any waters or the bed and banks of any waters.
WA2	Stormwater Management There must be no release of stormwater runoff that has been in contact with any contaminants at the site to, any waters, roadside gutter or stormwater drain.

Definitions

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.

"administering authority" means the Department of Environment and Science or its successor.

"annual return" means the return required by the annual notice (under section 316 of the *Environmental Protection Act 1994)* for the section 73F registration certificate that applies to the development approval.

"approval" means 'notice of development application decision' or 'notice of concurrence agency response' under the *Planning Act 2016.*

"approved plans" means the plans and documents listed in the approved plans section in the notice attached to this development approval.

"authorised place" means the place authorised under this development approval for the carrying out of the specified environmentally relevant activities.

"Background noise level" means either:

LA90, 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, or

LAbg, $_r$ being the arithmetic average of the minimum A-weighted sound pressure level readings measured in the absence of the noise under investigation during a representative time period of not less than 15 minutes, using Fast response.

"commercial place" means a place used as an office or for business or commercial purposes.

"dwelling" means any of the following structures or vehicles that is principally used as a residence —

- 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 Protection Agency" means the department or agency (whatever called) administering the *Coastal Protection and Management Act 1995* or the *Environmental Protection Act 1994.*

"intrusive noise" means noise that, because of its frequency, duration, level, tonal characteristics, impulsiveness or vibration —

- is clearly audible to, or can be felt by, an individual; and
- annoys the individual.

In determining whether a noise annoys an individual and is unreasonably intrusive, regard must be given to Australian Standard 1055.2 — 1997 Acoustics — Description and Measurement of Environmental Noise Part 2 — Application to Specific Situations.

"L_{A10}, 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.

"LA, max adj, T" means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over any 10 minute period, using Fast response.

"Land" in the "land schedule" of this document means land excluding waters and the atmosphere.

"mg/L" means milligrams per litre.

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

"Nuisance sensitive place" includes —

- a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- a motel, hotel or hostel; or
- a kindergarten, school, university or other educational institution; or
- a medical centre or hospital; or
- a protected area under the Nature Conservation Act 1992, the Marine Parks Act 2004 or a World Heritage Area; or
- a public thoroughfare, park or gardens; or
- 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.

"offensive" means causing offence or displeasure; is disagreeable to the sense; disgusting, nauseous or repulsive.

"regulated waste" means non-domestic waste mentioned in Schedule 7 of the *Environmental Protection Regulation 2008* (whether or not it has been treated or immobilised), and Includes -

- for an element - any chemical compound containing the element; and
- anything that has contained the waste,

"site" means land or tidal waters on or in which it is proposed to carry out the development approved under this development approval.

"watercourse" means a river, creek or stream in which water flows permanently or intermittently-

- in a natural channel, whether artificially improved or not; or
- in an artificial channel that has changed the course of the watercourse.

"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.

"works" or "operation" means the development approved under, this development approval.

"you" means the holder of this development approval or owner /occupier of the land which is the subject of this development approval.

Table 1: Contaminant release limits to air

Release point number	Source description	Minimum release height (metres)	Minimum velocity (m/sec)	Contaminant release	Maximum release limit	Release Limit Units
2	John Thompson gas-fired boiler	50	12	Oxides of Nitrogen	0.10	Grams per cubic metre calculated at 7% oxygen reference level
3	John Thompson gas-fired boiler	50	12	Oxides of Nitrogen	0.10	Grams per cubic metre calculated at 7% oxygen reference level
4	John Thompson gas-fired boiler	50	12	Oxides of Nitrogen	0.10	Grams per cubic metre calculated at 7% oxygen reference level
5	Diesel generator	50	-	-	-	-
6	Diesel generator	50	-	-	-	-
7	Diesel generator	50	-	-	-	-
8	Diesel generator	18.2	-	-	-	-
9	Diesel generator	18.2	-	-	-	-

Table 2 – **Noise Limits**

Noise level dB (A) measured as	Monday to Saturday			Sunday and public holidays		
	7am – 6pm	6pm – 10pm	10pm – 7am	9am – 6pm	6pm – 10pm	10pm- 9am
	Noise measured at Noise Sensitive place					
$L_{A\ 10\ adj,\ 10mins}$	Bkg +5	Bkg +5	Bkg +0	Bkg +5	Bkg +5	Bkg +0
$L_{A\ 1\ adj,\ 10mins}$	Bkg +10	Bkg +10	Bkg +5	Bkg +10	Bkg +10	Bkg +5
Noise measured at a commercial place						
$L_{A\ 10\ adj,\ 10mins}$	Bkg +10	Bkg +10	Bkg +5	Bkg +10	Bkg +10	Bkg +5
$L_{A\ 1\ adj,\ 10mins}$	Bkg +15	Bkg +15	Bkg +10	Bkg +15	Bkg +15	Bkg +10

END OF PERMIT

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Queensland Government