



Department of
**Environment and
Heritage Protection**

To: Inghams Enterprises Pty. Limited
Level 4, 1 Julius Avenue
North Ryde NSW 2113

Email: jbailey@inghama.com.au

Your reference: EPPR00405713
Our reference: 240850

Application details

I refer to the application that was received by the administering authority on 25-OCT-2016.

Land description: 50 Goodman Place MURARRIE QLD 4172 Lot 5 Plan SP225274.

Decision

Your application has been **approved** and your environmental authority (reference EPPR00405713) is attached.

Should you have any further enquiries, please contact Graham Rennex on telephone 1300 130 372.

Yours sincerely


Signature
Date

Amanda Gray
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

Enclosed

Permit - environmental authority (reference EPPR00405713).

Graham Rennex
Heritage, Utilities and Government
Organisations Assessment
Department of Environment and
Heritage Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
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ABN 46 640 294 485

Permit¹

Environmental Protection Act 1994

Environmental authority EPPR00405713

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

Permit¹ number: EPPR00405713

Environmental authority takes effect upon the day of approval.

The anniversary date of this environmental authority remains 19 August

Environmental authority holder

Name	Principal address
Inghams Enterprises Pty. Limited	Level 4, 1 Julius Avenue, North Ryde NSW 2113

Environmentally relevant activity and location details

Environmentally relevant activity	Location
25-(1c) Meat processing >50000t yr	50 Goodman Place MURARRIE QLD 4172 – Lot 5 Plan SP225274

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.

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

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

Contaminated land

It is a requirement of the EP Act that an owner or occupier of land give written notice to the chief executive if they become aware of the following:

- a notifiable activity (as defined in Schedule 3) that is being, or has been, carried out on the land (notice must be given within 20 business days)
- an event involving a hazardous contaminant on the land, or a change in the condition of the contaminated land, that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours).

For further information, including the form for giving written notice, refer to the Queensland Government website <http://www.qld.gov.au/> (using the search term 'managing contaminated land').


Signature

Amanda Gray
Department of Environment and Heritage Protection
Delegate of the administering authority
Environmental Protection Act 1994

12/5/17
Date

Enquiries:
Heritage, Utilities and Government
Organisations Assessment
Department of Environment and Heritage
Protection
GPO Box 2454
BRISBANE QLD 4001
Phone: 1300 130 372
Fax: 07 3330 6037
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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

Environmentally relevant activity and location details

Environmentally relevant activity	Location
25-(1c) Meat processing >50000t yr	50 Goodman Place MURRARRIE QLD 4172 – Lot 5 Plan SP225274

The environmentally relevant activity 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	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activities.
G2	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.
G3	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 <i>Environmental Protection Act 1994</i>; and f) ensure that reviews of environmental performance are undertaken at least annually.
G4	All records must be kept for a period of at least five years and provided to the administering authority upon request.
G5	Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system .
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 to the administering authority, or nominated delegate, within the required timeframe and in the specified format upon request.
G7	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.
Agency interest: Air	
Condition number	Condition
A1	Odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place .
A2	The only type of fuel to be burned in industrial fuel burning equipment is natural gas.
A3	Any anaerobic wastewater treatment pond(s) must be provided with an impervious cover(s) for collection of biogas generated by the anaerobic wastewater treatment pond(s).

A4	The anaerobic wastewater treatment pond(s) must be maintained and kept free of gaps or holes to prevent any uncontrolled release of biogas to the atmosphere from the anaerobic wastewater treatment pond(s).
A5	Biogas collected by the gas collection system must be incinerated in an elevated flare prior to release to the atmosphere or provided as an alternative fuel source or collected and stored in a proper and efficient manner for later use.
A6	There must be no visible emissions from the elevated gas flare.
A7	The combustion air supply to the flare should be controlled to achieve temperature of in excess of 760°C and a retention time in excess of 0.5 second.
A8	Elevated flares must be fitted with an automatic control system which: a) senses the flow of gas to the flare and automatically controls the supply of air to prevent smoke; b) provides the operator in charge of the flare with a visual warning that flaring is occurring; and c) provides the operator in charge of the flare with a visual warning that then flare has been extinguished.
A9	The elevated flare must be equipped with a continuous ignition system incorporated with a back-up power supply.
A10	No leakage of gases and or vapours to the atmosphere is to occur from the ducting and extraction system which transfers gases and/or vapours to the odour treatment system within the pasteurisation building.
A11	Contaminants resulting from the operation of the sources described in Table 1 – Authorised point source releases must only be released to the atmosphere from those release points specified in Table 1 – Authorised point source releases .

Table 1 – Authorised point source releases

RELEASE POINT NUMBER	SOURCE DESCRIPTION	MINIMUM RELEASE HEIGHT (metres)	MINIMUM EFFLUX VELOCITY (metres/second)	ODOUR RELEASE LIMITS
RP1	Gas fired boiler	Five metres above highest building within 30 metres of release point 1	10m/s	n/a
RP2	Anaerobic pond gas flare chimney	The height which ensures that monitoring can be conducted in accordance with <i>Australian Standards AD 4323.a - 1995</i>	Efflux velocity sufficient to adequately disperse emissions	200 Odour Units
RP3	Pasteurisation odour treatment system chimney	The height which ensures that monitoring can be conducted in accordance with	Efflux velocity sufficient to adequately disperse emissions	200 odour Units

		Australian Standards AD 4323.a - 1995		
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A12	Contaminants released from each release point specified in Table 1 – Authorised point source releases must be directed vertically upwards without any impedance or hindrance.
A13	Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding height stated for that release point in Table 1 – Authorised point source releases .
A14	Contaminants must be released to the atmosphere from a release point at a velocity not less than the corresponding velocity stated for that release point in Table 1 – Authorised point source releases .
A15	Contaminants must be released to the atmosphere from a release point at a concentration in excess of that stated in Table 1 – Authorised point source releases .
A16	The holder of this development approval must conduct monitoring of contaminant releases to the atmosphere at the release points and for the parameters specified in Schedule H – Table 1, upon written request from the administering authority, and which complies with the following: a) all determinations must be performed by a person or body possessing appropriate experience and qualifications to perform the required determinations; b) monitoring provisions for the release points listed in Table 1 – Authorised point source releases must comply with the <i>Australian Standard AS 4332.1 – 1995 “Stationary source emissions Method 1: Selection of sampling provisions</i>. c) the following tests must be performed for each required determination specified in Table 1 – Authorised point source releases: i) gas velocity and volume flow rate; ii) temperature; and iii) water vapour concentrates; and a) where practical samples taken must be representative of the contaminants discharged when emissions are expected to be taken.

Agency interest: Water

Condition number	Condition
W1	Contaminants must not be released to any waters .
W2	The quantity of BOD, measured in kilograms per day, entering the anaerobic wastewater treatment pond(s) must not exceed the design capacity of the anaerobic wastewater treatment pond(s).
W8	The holder of this environmental authority is responsible for the making of determinations and keeping of records of the quality characteristics of the contaminants in the wastewater treatment system for the quality characteristics and at a frequency specified in Table 2 – Wastewater Monitoring .

Table 2 – Wastewater Monitoring

QUALITY CHARACTERISTIC DETERMINATION	MONITORING POINTS	FREQUENCY
BOD ₅ (mg/L)	WW1	Weekly
pH	WW1	Weekly
Suspended Solids	WW1	Weekly
Oil and Grease	WW1	Weekly

W9	The daily quantity of contaminants released to the anaerobic pond(s) must be determined or estimated by an appropriate method, for example a flow meter.
W10	Determinations of the quality of contaminants in the wastewater treatment system to check conformity with the wastewater quality characteristics specified in this environmental authority must be undertaken at the sampling and in situ monitoring point(s) described as: Sampling Point WW1 – Wastewater stream after the grit removal tank and prior to inflow to the anaerobic pond(s).
W11	All determinations of the quality of contaminants released to waters must be made in accordance with methods prescribed in the Department of Environment and Heritage Protection, <i>Monitoring and Sampling Manual 2009, Environmental Protection (Water) Policy 2009</i> , or more recent editions or supplements to that document as such become available.
Agency interest: Noise	
Condition number	Condition
N1	Noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place .
N2	In the event of a complaint about noise that constitutes intrusive noise being made to the administering authority , that the administering authority considers is not frivolous or vexatious, then the emission of noise from the place to which this environmental authority relates must not result in level greater than those specified in Table 3 – Noise Limits.

Table 3 – Noise Limits

NOISE LIMITS AT A NOISE SENSITIVE PLACE	
Period	Noise Level at a Noise Sensitive Place measured as the Adjusted Maximum Sound Pressure Level ($L_{Amax\ adj. \tau}$)
7 am – 6 pm	Background noise level plus 5 dB (A)
6 pm – 10 pm	Background noise level plus 5 dB (A)
10 pm – 7 am	Background noise level plus 3 dB (A)
NOISE LIMITS AT A COMMERCIAL PLACE	
Period	Noise Level at a Commercial Place measured as the Adjusted Maximum Sound Pressure Level ($L_{Amax\ adj. \tau}$)
7 am – 6 pm	Background noise level plus 10 dB (A)
6 pm – 10 pm	Background noise level plus 10 dB (A)

10 pm – 7 am	Background noise level plus 8 dB (A)
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Note 1: $L_{A\ 10, \text{adj}, 15 \text{ mins}}$ levels may be substituted for $L_{A\text{max}, \text{adj}, 15 \text{ mins}}$ levels if evidence is provided that $L_{A\ 10, \text{adj}, 15 \text{ mins}}$ levels are representative of component noise levels from source(s)/premises under investigation.

Associated requirements:

Any monitoring must be in accordance with the most recent version of the **administering authority's Noise Measurement Manual**.

Agency interest: Land	
Condition number	Condition
L1	Contaminants must not be released to land
L2	Treatment and management of acid sulfate soils must comply with the latest edition of the <i>Queensland Acid Sulfate Soil Technical Manual</i> .
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.

Definitions

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.

Background means noise, measured in the absence of the noise under investigation, as $L_{A90,adj,T}$ being the A-weighted sound pressure level exceeded for 90 per cent 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.

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

Incompatible waste means waste that may chemically react when:

- a) placed in proximity to other wastes; and/or
- b) mixed with other wastes.

Land does not include **waters**.

Measures has the broadest interpretation and includes:

- a) **Procedural measures** such as standard operating procedures for dredging operations, environmental risk assessment, management actions, departmental direction and competency expectations under relevant guidelines
- b) **Physical measures** such as plant, equipment, physical objects (such as bunding, containment systems etc.), ecosystem monitoring and bathymetric surveys.

NATA means National Association of Testing Authorities.

Nominated delegate means another government agency that provides services to the **administering authority**.

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:

- a) a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
- b) a motel, hotel or hostel; 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 2004* or a World Heritage Area; or
- f) a public park or garden; or
- g) for noise, a place defined as a sensitive receptor for the purposes of the *Environmental Protection (Noise) Policy 2008*.

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

