

Certificate of Registration

No: ENRE00688607

This registration certificate is issued by the Environmental Protection Agency and is a replacement document for the original approval issued on 24 June 1999. The anniversary day for the purposes of the Annual Return remains 8 December every year.

This registration certificate is a requirement of section 73F of the *Environmental Protection Act 1994* and authorises the registered operator to undertake the activity listed below at the following place; subject to the conditions set out in a development approval attached to the premises, or the relevant code of environmental compliance.

Registered Operator:-

**Noel Henry Gillece and Elaine Gillece
Don Allen & Co Abattoirs
445 Texas Road
STANTHORPE QLD 4380**

Place:-

Lot 242 Plan BNT1632

Located at:-

TEXAS ROAD, STANTHORPE QLD 4380

Registered Activity: -

ERA 32(a)(i) Meat processing - slaughtering animals for commercially producing meat or meat products for human consumption, or processing (other than smoking mentioned in Item 35) or packaging of meat or meat products for human consumption - if an integral part of the activity involves the operation of a rendering plant with a design production capacity of more than 300 t a year - in works (other than a retail butcher shop) having a design production capacity of 1 000 t or more but less than 3 000 t a year.

Delegate

Environmental Protection Agency

22-SEP-2008

Development Permit

Section 3.5.15 Integrated Planning Act 1997

EPA Permit¹ number: IPDE01201708

This document replaces the document issued on 3 June 1999

EPA Permit¹ number:	IPDE01201708
Assessment Manager reference:	as above
Date application received by EPA:	
Permit¹ Type:	Development Approval for a MCU involving an ERA
Date of Decision:	22-SEP-2008
Decision:	approved with conditions
Relevant Laws and Policies:	Environmental Protection Act 1994 and any subordinate legislation

Development Description

Property	Lot/Plan	Aspect of Development
TEXAS ROAD, STANTHORPE QLD 4380	Lot 242 Plan BNT1632	ERA 32(a)(i) Meat processing - slaughtering animals for commercially producing meat or meat products for human consumption, or processing (other than smoking mentioned in Item 35) or packaging of meat or meat products for human consumption - if an integral part of the activity involves the operation of a rendering plant with a design production capacity of more than 300 t a year - in works (other than a retail butcher shop) having a design production capacity of 1 000 t or more but less than 3 000 t a year.

¹ Permit includes licences, approvals, permits, authorisations, certificates, sanctions or equivalent/similar as required by legislation administered by the Environmental Protection Agency and the Queensland Parks and Wildlife Service



EPA Permit number: IPDE01201708

Additional comments or advice about the application**Additional information for applicants**

The standard currency periods stated in section 3.5.21 of the Integrated Planning Act 1997 or the nominated currency period, apply to each aspect of development in this permit¹. For information on when this permit¹ takes effect and the relevant currency periods, please see point 3 in the Notice of Decision.

Contaminated Land

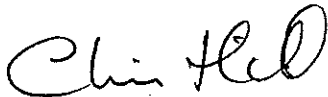
It is a requirement of the *Environmental Protection Act 1994* that if an owner or occupier of land becomes aware a Notifiable Activity (as defined by Schedule 2 of the *Environmental Protection Act 1994*) is being carried out on the land or that the land has been affected by a hazardous contaminant, they must, within 30 days after becoming so aware, give notice to the Environmental Protection Agency.

Environmentally Relevant Activities

The aforementioned description of any environmentally relevant activity (ERA) for which this permit is issued is simply a restatement of the ERA as prescribed in the legislation at the time of issuing this permit. Where there is any conflict between the abovementioned description of the ERA for which this permit is issued and the conditions specified herein as to the scale, intensity or manner of carrying out of the ERA, then such conditions prevail to the extent of the inconsistency.

This permit authorises the ERA. It does not authorise environmental harm unless a condition within this permit explicitly authorises that harm. Where there is no such condition, or the permit is silent on a matter, the lack of a condition or silence shall not be construed as authorising harm.

In addition to this permit, the person to carry out the ERA must be a registered operator under the *Environmental Protection Act 1994*. For the person to become a registered operator, they must apply for a registration certificate under section 73F of the *Environmental Protection Act 1994*.



Chris Hill
Delegate
Environmental Protection Agency
22-SEP-2008

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Schedule A - General Conditions

Schedule B - Air

Schedule C - Water

Schedule D - Stormwater Management

Schedule E - Land Application

Schedule F - Noise

Schedule G - Waste Management

Schedule H - Monitoring and Reporting

Schedule I - Definitions

ERT

SCHEDULE A - GENERAL CONDITIONS**Access to Copy of Environmental Authority**

- (A3) A copy of this environmental authority must be kept in a location readily accessible to personnel carrying out the activity.

Records

- (A4) Any record or document required to be kept by a condition of this environmental authority must be kept at the licensed place for a period of at least five years and be available for examination by an authorised person. For daily and weekly records, the record retention requirements of this condition will be satisfied if any daily and weekly records are kept for a period of at least three (3) years and these records are then kept in the form of annual summaries after that period.

Alterations

- (A6) No change, replacement or operation of any plant or equipment is permitted if the change, replacement or operation of the plant or equipment increases, or is likely to substantially increase, the risk of environmental harm above that expressly provided by this environmental authority.

An example of a substantial increase in the risk of environmental harm is an increase of 10% or more in the quantity of the contaminant to be released into the environment.

Monitoring and Measurements

- (A25) All determinations of the quality of contaminants released to the environment and all measurement and reporting of noise levels that are required by this environmental authority must be undertaken by a person or body possessing appropriate experience and qualifications to perform the required determinations and the required measurements.
- (A7) All instruments and devices used for the measurement or monitoring of any parameter under any condition of this environmental authority must be calibrated, and appropriately operated and maintained.

Site-Based Management Plan

- (A11) The holder of this environmental authority must:

- (a) develop and implement a Site-Based Management Plan which provides for the following functions:
- (i) Management and disposal of liquid and solid wastes
 - (ii) Routine operating procedures to prevent or minimise environmental harm; and
 - (iii) Maintenance practices and procedures; and
 - (iv) Contingency plans and emergency procedures to deal with foreseeable risks and hazards; and
 - (v) Monitoring of the release of contaminants into the environment; and
 - (vi) Assessment of the environmental impact of any releases of contaminants into the environment; and
 - (vii) Handling of environmental complaints; and
 - (viii) Keeping and production of environmental records and reports; and
 - (ix) Staff training and awareness of environmental issues.
- (b) By 29 May 1998, have completed and implemented the Site-Based Management Plan.

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(A12) A copy of the Site-Based Management Plan must be kept at the licensed place.

End of Conditions for Schedule A**SCHEDULE B- AIR****Release of Contaminants to the Atmosphere**

- (B1) Contaminants resulting from the operation of the sources described in Table 1 of the air schedule must only be released to the atmosphere from those release points specified in Table 1 of the air schedule.
- (B2) Contaminants released from each release point specified in Table 1 of the air schedule must be directed vertically upwards without any impedance or hindrance.
- (B3) Contaminants must be released to the atmosphere from a release point at a height not less than the corresponding heights stated for that release point in Table 1 of the air schedule.

SCHEDULE B -Table 1

SOURCE DESCRIPTION	RELEASE POINT NUMBER AND STACK DESCRIPTION
Wood fired boiler	Stack No 1
Wood fired boiler	Stack No 2

- (B6) Contaminants must not be released to the atmosphere from a release point at a concentration, as measured at a monitoring point specified in Schedule H, in excess of that stated in Table 2 of the air schedule.

SCHEDULE B - Table 2

CONTAMINANT	RELEASE POINT NUMBER	RELEASE LIMIT	RELEASE LIMIT UNITS
Solid particles	Stack No 1 & No 2	250	mg/m ³

End of Conditions for Schedule B**SCHEDULE C - WATER**

- (NS1) Contaminants must not be directly or indirectly released from the licensed place to any waters or the bed and banks of any waters.

End of Conditions for Schedule C


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SCHEDULE D - STORMWATER MANAGEMENT

(D1) The holder of this environmental authority must:

- (a) develop and implement a stormwater management plan which provides for the following functions:
- avoidance and minimisation of contaminated stormwater; and
 - reuse, treatment and disposal of contaminated stormwater; and
- (b) By 29 May 1998, have completed and implemented the stormwater management plan.

(D2) A copy of the Stormwater Management Plan must be kept at the licensed place where practical.

(NS2) By 29 May 1998, the holder of this environmental authority must construct a levy bank to drain water from the abattoir site and stock yard area to the treatment ponds.

End of Conditions for Schedule D**SCHEDULE E- LAND APPLICATION****Release of Contaminants to Land**

(NS3) The defined effluent utilisation area/s must be shown on an appropriately scaled and contoured map showing;

- i Layout of irrigation areas
- ii Areas (ha)
- iii Access lane ways
- iv Cropping systems

(NS4) There must be no ponding (due to excessive irrigation) on irrigation areas five hours after irrigation has been completed.

Quality of Contaminants Released to Land

(E6) The contaminants released must comply, at the sampling and in-situ measurement point/s specified in Schedule H, with each of the release limits specified in schedule E Table 1 for each quality characteristic.

SCHEDULE E TABLE 1 - RELEASE QUALITY CHARACTERISTIC LIMITS FOR EFFLUENT

QUALITY CHARACTERISTICS	RELEASE POINT	RELEASE LIMIT	Comment
pH	Irrigation outlet	4.5 - 9.0	Within the range
Animal pathogens	Irrigation outlet	1,000 faecal coliforms/100 mL	not to exceed
Total Dissolved Solids (mg/L)	Irrigation outlet	1500	not to exceed
Chloride (mg/L)	Irrigation outlet	700	not to exceed

Wet Weather Storage

(E9) When weather conditions or soil conditions preclude the release of contaminants, the contaminants must be directed to a wet weather storage.

(NS5) The wet weather storage must be designed to hold a volume equivalent to a minimum of 14 days irrigation.

End of Conditions for Schedule E

SCHEDULE F - NOISE

Emission of Noise

- (F3) In the event of a complaint about noise that the administering authority considers is reasonable, then the emission of noise from the activity must not result in levels greater than those specified in Table 1 of the Noise Schedule until the circumstances which gave rise to the complaint are resolved.

SCHEDULE F TABLE 1

Time Periods	Noise limits on affected premises <i>L_{max adj, T}</i> dB(A)	
	Residential premises	Non-residential premises
Monday to Friday 6am - 10pm and Saturday 6am - 12 noon	Background level + 5	Background level + 10
All other times and public holidays	Background level	Background level + 5

- (F5) The value of background level to be used in conjunction with the noise criteria in Table 1 above is to be obtained from Table 2 below using the following methodology.
- (a) If the measured background level is above the upper limit of the appropriate range, the upper limit of the appropriate range must be used.
 - (b) If the measured background level is below the lower limit of the appropriate range, the lower limit of the appropriate range must be used.
 - (c) If the measured background level is within the appropriate range, then the measured value must be used.

SCHEDULE F TABLE 2

Range of Values of Background to be Used in Conjunction with Noise Criteria in Table 1

<i>Time Period</i>	<i>Range of Background Levels dB(A)</i>
Monday to Friday 7am - 6pm and Saturday 7am - 12 noon	40 - 50
Monday to Saturday 6am - 7am Monday to Friday 6pm - 10 pm Saturday 12 noon - 6pm	35 - 45
All other times and public holidays	30 - 40

End of Conditions for Schedule F
SCHEDULE G - WASTE MANAGEMENT

General

- (G1) The holder of this environmental authority must not:
- (i) allow waste to burn or be burned at or on the licensed place; nor
 - (ii) remove waste from the licensed place and burn such waste elsewhere.
- (G2) The holder of this environmental authority must:

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- (a) develop and implement a waste management plan which provides for the following functions:
- prevention of waste; and
 - treatment of waste; and
 - disposal of waste; and

- (b) By 29 May 1998, have completed and implemented the waste management plan.

(G3) A copy of the Waste Management Plan must be kept at the licensed place.

Waste treatment

- (NS6) The holder of this environmental authority must upgrade the effluent treatment system so that effluent is well treated to meet release quality characteristics specified in Schedule E Table 1, before irrigation.
- (NS7) Effluent treatment and holding ponds must be rehabilitated with impermeable layers so that ponds do not leak.
- (NS8) Effluent treatment ponds should be managed so that they do not overflow more frequently than once in 10 years.
- (NS9) All ponds must, under normal operating conditions have a minimum of 0.75m of freeboard.

Off Site Movement

- (NS10) Where regulated waste (abattoir effluent) is removed from the licensed place (other than by a release as permitted under another schedule of this environmental authority), the holder of this environmental authority must monitor and keep records of the following:
- (a) the date, quantity and type of waste removed; and
 - (b) name of the waste transporter and/or disposal operator that removed the waste; and
 - (c) the intended treatment/disposal destination of the waste.

End of Conditions for Schedule G

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SCHEDULE H - MONITORING AND REPORTING**Complaint Recording**

- (H1) All complaints received by the holder of this environmental authority relating to releases of contaminants from operations at the licensed place must be recorded and kept with the following details:
- (a) time, date and nature of complaint;
 - (b) type of communication (telephone, letter, personal etc.);
 - (c) name, contact address and contact telephone number of complainant (Note: if the complainant does not wish to be identified then "Not identified" is to be recorded);
 - (d) response and investigation undertaken as a result of the complaint;
 - (e) name of person responsible for investigating complaint; and
 - (f) action taken as a result of the complaint investigation and signature of responsible person.

Monitoring of Contaminant Releases

- (NS11) The holder of this environmental authority must conduct and keep records of a monitoring program of contaminant releases to the atmosphere at the release points, frequency, and for the parameters specified in Schedule H Table 1 and which complies with the following:
- (a) The following tests must be performed for each required determination specified in Table 1:
 - (i) temperature
 - (ii) Gas velocity and volume flow rate
 - (b) Where practicable samples taken must be representative of the contaminants discharged when emissions are expected to be **normal**.
 - (c) First monitoring must be performed within six months of issuing this environmental authority

Schedule H Table 1 Required Release Point Determinations

DETERMINATION REQUIRED	RELEASE POINT NUMBERS	FREQUENCY
Solid particles	Stack No 1 & No 2	Once in two years

- (H3) The holder of this environmental authority is responsible for the making of determinations and keeping of records of the quality characteristics, and at the frequency specified in Schedule H Table 2 and Table 3.

SCHEDULE H, Table 2: Monitoring parameters for effluent, used for irrigation

PARAMETER	SOURCE	FREQUENCY
Volume of irrigated effluent (ML)	Irrigation pump	weekly
Irrigated area (ha)	-	weekly
pH	sample from irrigation outlet	every six months
Sodium Adsorption Ratio (SAR)	sample from irrigation outlet	every six months
Total Dissolved Solids (mg/L)	sample from irrigation outlet	every six months
Chloride (mg/L)	sample from irrigation outlet	every six months
Total Nitrogen and its forms (mg/L)	sample from irrigation outlet	every six months
Total Phosphorus (mg/L)	sample from irrigation outlet	every six months
Faecal Coliforms. (Organisms/100 ml)	sample from irrigation outlet	every six months

Note: The above frequency can be revised after initial results of first 24 months have been assessed by the administering authority.

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SCHEDULE H, TABLE 3 Parameters for soil analysis in irrigation areas

PARAMETER	FREQUENCY	SOIL DEPTH
Total Nitrogen or TKN	Annually	0 to 10cm
Exchangeable Sodium percentage (ESP)	"	0 to 10cm
Organic carbon	"	0 to 10cm
Phosphorus	"	0 to 10cm
Electrical Conductivity	Annually	0 to 10cm, 20-30cm & 50-60cm (or bottom of root zone)
Nitrate N	"	"
pH	"	"
Chloride	Once every two years	Bulked sample
Calcium	"	"
Magnesium	"	"
Sodium	"	"
Potassium	"	"

Note: The above frequency can be revised after initial results of first two years have been assessed by the administering authority.

- (H14) The holder of this environmental authority must ensure that the results of all monitoring performed in accordance with this environmental authority for the period covered by the return are submitted with the Annual Return.

Incident Recording

- (H16) A record must be maintained of at least the following events:

- the time, date and duration of equipment malfunctions where the failure of the equipment resulted in the release of contaminants reasonably likely to cause environmental harm;
- any uncontrolled release of contaminants reasonably likely to cause environmental harm and
- any emergency involving the release of contaminants reasonably likely to cause material or serious environmental harm requiring the use of fire fighting equipment.

Notification of Emergencies and Incidents

- (H18) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, as soon as practicable after becoming aware of any emergency or incident which results in the release of contaminants not in accordance, or reasonably expected to be not in accordance with the conditions of this environmental authority, the holder of this environmental authority must notify the administering authority of the release by telephone or facsimile.

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(H19) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, the notification of emergencies or incidents as required by condition number H 18 must include but not be limited to the following:

- (a) The holder of the environmental authority;
- (b) the location of the emergency or incident;
- (c) the number of the environmental authority;
- (d) the name and telephone number of the designated contact person;
- (e) the time of the release;
- (f) the time the holder of the environmental authority became aware of the release;
- (g) the suspected cause of the release;
- (h) the environmental harm and or environmental nuisance caused, threatened, or to be caused by the release; and
- (i) actions taken to prevent further any release and mitigate any environmental harm and or environmental nuisance caused by the release.

(H20) Where the holder of this environmental authority has not given notification to the administering authority under section 37 of the Environmental Protection Act, not more than 14 days following the initial notification of an emergency or incident, the holder of the environmental authority must provide written advice of the information supplied in accordance with condition number H 19 in addition to:

- (a) proposed actions to prevent a recurrence of the emergency or incident;
- (b) outcomes of actions taken at the time to prevent or minimise environmental harm and or environmental nuisance, and

Exception Reporting

(H21) The holder of this environmental authority must notify the administering authority in writing within 28 days of completion of analysis of any result of a monitoring program required by a condition of this environmental authority which indicates an exceedance of any limit specified in this environmental authority.

(H22) The written notification required by condition number H 21 above must include:

- (a) The full analysis results, and
- (b) Details of investigation or corrective actions taken, and
- (c) Any subsequent analysis.

End of Conditions for Schedule H

SCHEDULE I – DEFINITIONS

Words and phrases used throughout this permit¹ are defined below. Where a definition for a term used in this permit¹ is sought and the term is not defined within this permit¹ the definitions provided in the relevant legislation shall be used.

(I1) "Total Nitrogen" means the sum of Organic Nitrogen, Ammonia Nitrogen, Nitrite plus Nitrate Nitrogen

(I2) "mg/l" means milligrams per litre.

Air Definitions.

(I3) "cubic metre" ("m³") means the volume of dry gaseous contaminant which occupies 1 cubic metre at a temperature of zero degrees Celsius and at an absolute pressure of 101.3 kilopascals.

Noise Definitions.

(I16) " $L_{Amax\ adj,T}$ " means the average maximum A-weighted sound pressure level, adjusted for noise character and measured over a time period of not less than 15 minutes, using Fast response.

(I17) "Background noise level" means either:

$L_{A90,T}$ being the A-weighted sound pressure level exceeded for 90 percent of the time period of not less than 15 minutes, using Fast response, or

$L_{A90,T}$ being the arithmetic average of the minimum readings measured in the absence of the noise under investigation during a representative time period of not less than 15 minutes, using Fast response.

End of Conditions for Schedule I

END OF CONDITIONS