DETERMINATION OF A DEVELOPMENT APPLICATION FOR STATE SIGNIFICANT, DESIGNATED AND INTEGRATED DEVELOPMENT UNDER SECTION 80 OF THE ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979

I, the Minister for Planning, under Section 80 of the *Environmental Planning and Assessment Act 1979* ("the Act"), determine the development application ("the Application") referred to in Schedule 1 by granting consent subject to the conditions set out in Schedule 2.

The reason for the imposition of conditions is to:
i) minimise any adverse environmental impacts associated with the development;
ii) provide for on-going environmental management of the development; and
iii) provide for regular monitoring and reporting on the development.

Andrew Refshauge MP
Deputy Premier
Minister for Planning
Minister for Aboriginal Affairs
Minister for Housing

Sydney, 2003 File No. S00/01318

SCHEDULE 1

Application made by: Cargill Foods Australia Pty Ltd ("the Applicant");

To: The Minister for Planning ("the Minister");

In respect of: Lots 1, 2 & 4 DP 700113, Lot 1 DP 840624, Lot 6 DP 614169, and Lot 11 DP 814225, Dampier Street, Wagga Wagga.

For the following: The proposal involves:
- Demolishing some disused buildings;
- Reconstructing and expanding a major portion of the abattoir, including an administration and amenities building;
- Installing a bio-filter to capture and treat odour originating from rendering plant and ancillary units, the DAF/Clarifier, Rotary Screen and Save-all;
- Augmenting and refurbishing the existing wastewater treatment system;
- Discharging 20% of effluent directly to the sewer system;

- Constructing an access road, internal roads, carparking, security gatehouse and associated infrastructure to service the abattoir;
- Increasing production from 850 to 2,000 head of cattle per day; and
- Operating 24 hours a day, seven days a week.

Development Application:	Integrated DA No. 220-07-2002-i, lodged with the Department of Planning on 15 July 2002;
State Significant Development	The proposed development satisfies the criteria in Schedule 1 of *SEPP No. 34 – Major Employment Generating Industrial Development*, and is therefore classified as State Significant Development under Section 76A(7) of the *Environmental Planning and Assessment Act 1979*.
Integrated Development	The proposal requires an additional approval from the Environment Protection Authority under the *Protection of the Environment Operations Act 1997*, and is therefore classified as Integrated Development under Section 91 of the *Environmental Planning and Assessment Act 1979*.
Designated Development:	The proposed development the criteria for livestock processing industries under Part 1, Schedule 3 of the *Environmental Planning and Assessment Regulation 2000*, and is therefore classified as Designated Development.
BCA Classification:	Class 5 – Administration Building Class 7a – Carpark Class 7b – Cold Storage Building Class 8 – Boning Room, Active Chillers, Trimming Room, Packing and Load-out Facility, Sales Cooler, Plant Room, Kill Floor

KEY TO CONTENTS

SCHEDULE 2

In this consent, except in so far as the context or subject-matter otherwise indicates or requires, the following terms have the meanings indicated:

Act	*Environmental Planning and Assessment Act, 1979*
AEMR	Annual Environmental Management Report
Applicant	Cargill Foods Australia Pty Ltd
BCA	Building Code of Australia
construction	any activity requiring a Construction Certificate, demolition works, any road works, or any construction related activity as described in the application for this development
WWCC	Wagga Wagga City Council
Department	NSW Department of Planning
development	the development to which this consent applies
Director-General	Director-General of the NSW Department of Planning, or delegate
dust	any solid material that may become suspended in air
DECC	Department of Environment and Climate Change
DWE	Department of Water and Energy
Minister	Minister for Planning, or delegate
Mod 3	Construction and operation of a new wastewater treatment pond 2b and associated flare system, as described in the Statement of Environmental Effects to Support Modification Application No. 3, titled, *Proposed Upgrade to Cargill Bomen Abattoir's Wastewater Treatment Ponds*, prepared by GHD Pty Ltd and dated January 2009
operation	commissioning of any stage of the works as described in the application for this development
Principal Certifying Authority	the Minister or an accredited certifier, appointed under section 109E of the Act, to issue a Part 4A Certificate as provided under section 109C of the Act
Regulation	*Environmental Planning and Assessment Regulation, 2000*
RTA	NSW Roads and Traffic Authority
POEO Act	*Protection of the Environment Operations Act, 1997*
land	Land means the whole of a lot, or contiguous lots owned by the same landowner, in a current plan registered at the Land Titles Office at the date of this consent

1. GENERAL

Obligation to Minimise Harm to the Environment

1.1 The Applicant shall implement all practicable measures to prevent or minimise any harm to the environment that may result from the construction, commissioning, operation and where relevant, the decommissioning of the development.

Scope of Development

1.2 The Applicant shall carry out the development generally in accordance with:

a) Development Application No. 220-07-2002-i, lodged with the Department of Planning on 15 July 2002, as amended by MOD-61-7-2003-I, MOD-4-1-2004-I and DA No. 220-07-2002-i – Mod 3;

b) *Environmental Impact Statement – Bomen Abattoir Expansion Proposal*, prepared by HLA-Envirosciences Pty Ltd and dated July 2002;

c) *Preliminary Environmental Site Assessment Bomen Abattoir Bomen, NSW*, prepared by HLA-Envirosciences Pty Ltd and dated 20 November 1996;

d) *Flora and Fauna Assessment Bomen Abattoir – Wagga Wagga, NSW,* prepared by HLA-Envirosciences Pty Ltd and dated 21 June 2002;

e) *Cargill Foods Australia – Odour Assessment and Control Study, Wagga Wagga Abattoir,* prepared by the Odour Unit Pty Ltd and dated 28 August 2001;

f) *Noise Impact Assessment – Bomen Abattoir, Wagga Wagga, NSW September 2001,* prepared by HLA-Envirosciences Pty Ltd and dated 17 October 2001;

g) *An Assessment of the Potential Traffic Impacts of the Proposed Expansion of the Cargill Abattoir, Wagga Wagga, NSW*, prepared by TEF Consulting Pty Ltd and dated 3 August 2001;

h) *Environmental Management Plan – Bomen Abattoir, Wagga Wagga, New South Wales,* prepared by HLA-Envirosciences Pty Ltd and dated 28 June 1996;

i) *Bomen Abattoir Effluent Irrigation - Environmental Management Plan (Operational) – Bomen Abattoir, Wagga Wagga, New South Wales,* prepared by HLA-Envirosciences Pty Ltd and dated 27 February 1998;

j) *Supplementary Information In Regards to the Bomen Abattoir Expansion Proposal, DA 220-7-2002-i*, prepared by HLA-Envirosciences Pty Ltd and dated 22 October 2002;

k) *Further Information Regarding Bomen Abattoir*, prepared by HLA-Envirosciences Pty Ltd and dated 8 November 2002;

l) *Proposed Abattoir Expansion and Upgrade – Dampier Street, Bomen*, prepared by HLA-Envirosciences Pty Ltd and dated 15 November 2002;

m) *Supplementary Information In Regards to the Bomen Abattoir Expansion Proposal, DA 220-7-2002-i*, prepared by HLA-Envirosciences Pty Ltd and dated 16 December 2003;

n) *Response to PlanningNSW Re Odour Modelling*, prepared by The Odour Unit Pty Ltd and dated 27 January 2003;

o) The email titled *Cargills*, prepared by Karen Loomes on behalf of HLA-Envirosciences Pty Ltd and dated 4 February 2003;

p) Statement of Environmental Effects to Support Modification Application: Bomen Abattoir Expansion Project, Wagga Wagga, prepared by HLA-Envirosciences Pty Ltd and dated 23 June 2003;

q) Re: Proposed Section 96(2) Modification – Cargill Abattoir, prepared by HLA-Enviroscisnces and dated 27 August 2003;

r) Statement of Environmental Effects to Support Modification Application 2: Bomen Abattoir Expansion Project, Wagga Wagga, prepared by HLA-Envirosciences Pty Ltd and dated 9 January 2004;

s) Statement of Environmental Effects to Support Modification Application 3: Bomen Abattoir Expansion Project, Wagga Wagga, prepared by GHD Pty Ltd and dated January 2009; and

t) the conditions of this consent.

1.3 If there is any inconsistency between the above documents, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this approval shall prevail to the extent of any inconsistency.

Operation and Lapse of Consent

1.4 In accordance with section 83 of the Act, this consent becomes effective from the date that is endorsed on the notice of determination of the development application given to the Applicant.

1.5 In accordance with section 95(1) of the Act, this consent shall lapse five years after the date from which it operates (refer to condition 1.4 of this consent), unless the use of any land, building or work the subject of this consent is commenced before the date on which the consent lapses.

Provision of Documents

1.6 Where practicable, the Applicant shall provide all documents and reports required to be submitted to the Director-General under this consent in an appropriate electronic format. Provision of documents and reports to other parties, as required under this consent, shall be in a format acceptable to those parties and shall aim to minimise resource consumption.

1.7 Nothing in this consent prevents the Applicant from combining reporting requirements under this consent with identical or similar reporting requirements for submission to another relevant party. Reporting requirements shall only be combined with the prior agreement of the Director-General of Planning and the Director-General (or equivalent) of the other relevant party.

Note: the purpose of conditions 1.6 and 1.7 is to provide for minimisation of resource utilisation (particularly paper) associated with administration of this consent.

Statutory Requirements

1.8 The Applicant shall ensure that all licences, permits and approvals are obtained and kept up-to-date as required throughout the life of the development. No condition of this consent removes the obligation for the Applicant to obtain, renew or comply with such licences, permits or approvals.

Dispute Resolution

1.9 In the event that a dispute arises between the Applicant and WWCC or the Applicant and a public authority other than the Department, in relation to a specification or requirement applicable under this consent, the matter shall be referred by either party to the Director-General, or if not resolved, to the Minister, whose determination of the dispute shall be final and binding on all parties. For the purpose of this condition, "public authority" has the same meaning as provided under section 4 of the Act.

Note: Section 121 of the *Environmental Planning and Assessment Act 1979* provides mechanisms for resolution of disputes between the Department, the Director-General, Councils and public authorities.

2. COMPLIANCE

2.1 The Applicant shall ensure that employees, contractors and sub-contractors are aware of, and comply with, the conditions of this consent relevant to their respective activities.

2.2 The Applicant shall be responsible for environmental impacts resulting from the actions of all persons on the site, including contractors, subcontractors and visitors.

2.3 Prior to each of the events listed from a) to b) below, or within such period otherwise agreed by the Director-General, the Applicant shall certify in writing to the satisfaction of the Director-General that it has complied with all conditions of this consent applicable prior to that event. Where an event is to be undertaken in stages, the Applicant may, subject to the agreement of the Director-General, stage the submission of compliance certification consistent with the staging of activities relating to that event.

a) commencement of construction of the development; and
b) commencement of operation of the development;

2.4 Notwithstanding condition 2.3 of this consent, the Director-General may require an update report on compliance with all, or any part, of the conditions of this consent. Any such update shall meet the requirements of the Director-General and be submitted within such period as the Director-General may agree.

2.5 The Applicant shall meet the requirements of the Director-General in respect of the implementation of any measure necessary to ensure compliance with the conditions of this consent, and general consistency with the documents listed under condition 1.2 of this consent. The Director-General may direct that such a measure be implemented in response to the information contained within any report, plan, correspondence or other document submitted in accordance with the conditions of this consent, within such time as the Director-General may agree.

3. PART 4A CERTIFICATION AND STRUCTURAL ISSUES

Certification

3.1 In relation to the construction and occupation of the development, the Applicant shall provide to the Director-General and WWCC the following:

a) written notification of the appointment of a Principal Certifying Authority;
b) copies of all Construction Certificates issued for the development;
c) written notification of the intention to commence construction work, to be received at least two working days prior to the commencement of construction. In the event that more than one Construction Certificate is issued, notification shall be provided prior to the commencement of construction the subject of each Certificate;
d) copies of all Occupation Certificates issued for the development; and
e) written notification of the intention to occupy the development, to be received at least two working days prior to occupation. In the event that more than one

Occupation Certificate is issued, notification shall be provided prior to the occupation the subject of each Certificate;

> **Note**: The Applicant shall ensure that all works are carried out in accordance with the Environmental Planning and Assessment Act 1979, the Local Government Act 1993 (Approvals) Regulations, the Building Code of Australia and the approved plans and specifications and Council's Policy for Sediment and Erosion Control

4. UTILITIES AND SERVICES

4.1 Prior to the commencement of construction, the Applicant shall identify (including, but not limited to the position and level of service) all public utility services on the site, roadway, nature strip, footpath, public reserve or any public areas that are associated with, and/or adjacent to the site, and/or likely to be affected by the construction and operation of the development.

4.2 The Applicant shall consult with the relevant utility provider(s) for those services identified under condition 4.1 and make arrangements to adjust and/or relocate services as required. The Applicant shall bear the full cost associated with providing utilities and services to the site, and restoring any public infrastructure that may be damaged during the proposed works.

4.3 Prior to the commencement of construction works that may affect services/ utilities, the Applicant shall provide documentary evidence to the Director-General that the requirements of the relevant utility provider(s) have been met.

5. ENVIRONMENTAL PERFORMANCE

Demolition

5.1 The Applicant shall undertake all demolition work strictly in accordance with *AS 2601-1991 The Demolition of Structures.*

5.2 The Applicant shall meet the requirements of Work Cover NSW with respect to all demolition activities associated with the handling and disposal of asbestos containing materials.

Air Quality Impacts

Odour Emissions

5.3 [1]The Applicant shall not cause or permit the emission of offensive odours from the entire abattoir operation, as defined under Section 129 of the Protection of the Environment Operations Act 1997.

5.4 Within 12 months of operations, the Applicant shall report to the Director-General regarding the status of the development application for paunch disposal off-site. Should paunch disposal continue on-site after this date, the Applicant shall provide the Director-General with a timeframe for moving the paunch disposal activities to an alternative location.

5.5 Within 15 months of operations, the Applicant shall complete a detailed Odour Impact Assessment of the entire abattoir operation. The Odour Impact Assessment shall be undertaken for a 12 month period from the commencement of operations and in accordance with:

[1] Incorporated DECC General Term of Approval

- *NSW DECC, 2001a, Approved Methods for the Sampling and Analysis of Air Pollutants in NSW;*
- *NSW DECC, 2001b, Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in NSW;*
- *NSW DECC, 2001c, Draft Policy: Assessment and Management of Odour from Stationary Sources in NSW; and*
- *NSW DECC, 2001d, Technical Notes - Draft Policy: Assessment and Management of Odour from Stationary Sources in NSW.*

The Odour Impact Assessment shall be undertaken in consultation with the DECC and to the satisfaction of the Director-General.

The Odour Impact Assessment shall include, but not be limited to:

i) Identification of all point and diffuse sources of odour associated with the entire abattoir operation;

ii) Sampling and analysis of all point and diffuse sources of odour identified in Condition 5.5 i) in accordance with *NSW DECC, 2001a* and Condition 6.1 for four consecutive quarters*;*

iii) On-site meteorological monitoring in accordance with *NSW DECC, 2001a* and Conditions 6.2 and 6.3 for one year, should representative data not exist for the site;

iv) Conduct odour dispersion modelling using the odour emissions and meteorological data required in Conditions 5.5 ii) and iii) respectively, in accordance with *NSW DECC, 2001b* and *NSW, DECC, 2001d*;

v) An assessment of whether the entire abattoir operation would be able to meet:

  - an odour performance criterion of 4 odour units (OU) (99th percentile, 1 second average) and meet the offensive odour provisions of s129 of the *Protection of the Environment Operations Act (1997)*; or
  - a site specific odour performance criterion developed in accordance with *NSW DECC, 2001c* and *NSW DECC, 2001d*

  at all privately owned properties;

vi) Details of the odour mitigation methods and management practices that would need to be implemented in order for the entire abattoir operation to meet the odour performance criteria detailed in Condition 5.5 v) at all private properties; and

vii) A timetable for implementing the odour mitigation measures identified in Condition 5.5 vi).

5.6 The Applicant shall comply with any reasonable requirements of the DECC or the Director-General with regard to any actions arising from the Odour Impact Assessment required in Condition 5.5.

5.6(a) The Applicant shall decommission existing ponds 1 and 2 once the new pond 2b has been commissioned.

5.6(b) The Applicant's new flare system must comply with the Group 6 emission limits under the *Protection of the Environment (Clean Air) Regulation 2002*.

5.6(c) Prior to the commencement of commissioning of the new pond 2b and associated flare system, the Applicant must install a scrubber or any other appropriate odour control device to control odorous emissions to the satisfaction of DECC.

5.6(d) The Applicant must prepare an Air Quality Impact Assessment Verification Report for the project to the satisfaction of the Director-General. This Assessment Verification Report must:

a) be submitted to the Director-General for approval within 12 months from the commencement of commissioning of the new pond 2b and associated flare system, with validated predictive modelling at the final capacity of 2,000 head of cattle per day, 6 to 7 working days per week;
b) be undertaken by a suitably qualified expert;
c) be undertaken in consultation with DECC;
d) verify if the odour emissions comply with the 4 OU/m^3 criteria; and
e) include proposed contingency measures that would be adopted, in case of non-compliance with the criteria, and the timing for their implementation to ensure that the 4 OU/m^3 criteria is met at all private properties.

Dust Emissions

5.7 [2]The Applicant shall design, construct, commission, operate and maintain the development in a manner that minimises dust emissions from the site.

Soil and Water Quality Impacts

5.8 [3]The abattoir and activities carried out therein shall not pollute surface or groundwater except as permitted by the DECC.

5.9 The Applicant shall take all reasonable measures to minimise soil erosion and the discharge of sediments and pollutants from the site during construction and operation.

5.9a The Applicant shall suitably rehabilitate and maintain the cattle holding yards in a manner that minimises the potential for dust, erosion and contaminated runoff. These measures shall be incorporated into the Water Operational Environmental Management Plan, as required by condition 7.4b.

Wastewater Treatment System

5.10 The Applicant shall ensure that the augmented wastewater treatment system is fully operational prior to commencement of operations.

5.11 The wastewater collection structures shall be designed and constructed so that the permeability of these structures has a performance equivalent equal or better to that of clay liner with a permeability of 1×10^{-9} m/s or less and thickness of no less than 900 mm (in accordance with DECC guidelines).

5.12 The Applicant shall engage a suitably qualified expert to clarify that any new or augmented wastewater collection structures comply with the requirements in the above condition (condition 5.11).

Effluent Wastewater Irrigation

5.13 [4]The parameters of wastewater applied to land shall not exceed the volume or concentration limits for the point as specified in Table 1.

Table 1 – Parameters for Wastewater Irrigation

Parameter	Units of Measure	Limit
Quantity	kL/year	
BOD	mg/L	200

[2] DECC General Term of Approval
[3] DECC General Term of Approval
[4] DECC General Term of Approval

5.14 [5]Wastewater shall only be applied to the areas as described in the Development Application 220-07-2002-i and the EIS prepared by HLA-Envirosciences Pty Ltd and dated July 2002.

5.15 [6]Spray from irrigation practices on site shall not drift beyond the boundary of the premises to which it is applied.

5.16 [7]Wastewater utilisation areas shall effectively utilise the waste water applied to those areas. This includes the use for pasture or crop production, as well as ensuring the soil is able to absorb the nutrients, salts, hydraulic load and organic materials in the solids or liquids. Monitoring of land and receiving waters to determine the impact of waste water application may be required by the DECC.

5.17 The Applicant shall ensure that irrigation practices at the site do not conflict with the continuing use of the Riverina Water service reservoir.

Groundwater

5.18 Prior to the commencement of operation, the Applicant shall, in consultation with the Department of Land and Water Conservation, install at the site:

i) two piezometers in the vicinity of the effluent treatment ponds; and

ii) two piezometers in the vicinity of the effluent irrigation area (as indicated 'CFA High')

The location of these piezometers shall be designed to detect any leakage or accessions to the watertable, and shall be monitored in accordance with the Effluent Wastewater Management Plan (condition 7.4).

5.19 The Applicant shall obtain a license from the Department of Land and Water Conservation under the s116 of the *Water Act 1912* prior to the commencement of works associated with the installation of the above piezometers (condition 5.18).

Note: The Applicant is required to obtain a licence from the Department of Land and Water Conservation for the existing bore on site under s116 of the *Water Act 1912*.

Stormwater

5.20 The Applicant shall design, construct and maintain all stormwater management infrastructure on the site to:

(a) restrict future stormwater flows from the site to existing flow levels or better;

(b) restrict discharge of stormwater to the sewerage system (unless otherwise approved);

(c) treat all contaminated stormwater to minimise the discharge of sediments and other pollutants from the site;

(d) be designed in accordance with any relevant WWCC stormwater policy;

(e) comply with the relevant provisions in the New South Wales Government's *Best Practice Guidelines for Contaminated Water Retention and Treatment Systems*; and

(f) prevent the drainage of stormwater onto the railway corridor.

[5] DECC General Term of Approval
[6] DECC General Term of Approval
[7] DECC General Term of Approval

5.21 The Applicant shall be responsible for, and bear the full cost associated with, monitoring and maintaining all stormwater infrastructure on the site during the life of the development.

5.22 The Applicant shall not commence construction of stormwater management infrastructure, or other structures associated with the development that may affect, or be affected by, stormwater management infrastructure, until the Director-General has approved the Water Management Plan (refer to condition 7.4b) of this consent).

Soil Contamination and Remediation

5.23 Prior to the commencement of any construction works that will result in the disturbance of any contaminated soil identified in report titled *Preliminary Environmental Site Assessment Bomen Abattoir – Bomen,* NSW prepared by HLA-Envirosciences Pty Ltd and dated 20 November 1996, the Applicant shall provide the Director-General with:

- a) A copy of the Remedial Action Plan for the land that has been certified by an accredited site auditor under the *Contaminated Land Management Act 1997;*
- b) A short report that describes:
  - i) How the proposed remediation of the land would be coordinated with the proposed works;
  - ii) What measures would be implemented to manage or mitigate any potential impacts associated with these works;
  - iii) How the effectiveness of these measures would be monitored during the proposed works.

5.24 Construction of any component of the development shall not:

- a) occur on any part of the site that has yet to be remediated and validated by a site auditor accredited by the DECC; and
- b) occur on any part of the site in such a location or manner that may interfere with the ongoing remediation of areas of the site or validation by a site auditor accredited by the DECC.

5.25 An occupation certification for the development shall not be issued until the site has been remediated in accordance with the Remedial Action Plan for the site, and the site has been validated by an auditor accredited by the DECC.

Trade Waste Agreement

5.26 The Applicant shall enter into a Trade Waste Agreement with WWCC prior to the commencement of construction works.

5.27 The Applicant shall ensure that effluent discharged from the site achieves discharge performance standards as set by WWCC in the above Trade Waste Agreement (or any superseded agreement).

5.28 Prior to the commencement of any construction works, the Applicant shall obtain a Sewer Compliance Certificate under Section 64 of the *Local Government Act 1993* from WWCC.

Note: In obtaining this approval, it must be demonstrated to WWCC that the development satisfactorily meets the requirements of WWCC's Policy *Developer Contributions for Sewerage Works 1993*. A certificate fee of $24,318.40 applies to the certification, which can be paid in stages or as agreed to by WWCC and is subject to the CPI index.

Waste Management

5.29 All wastes generated on the site during construction and operation shall be classified in accordance with the DECC's publication *Environmental Guidelines: Waste Classification Guidelines* and be disposed of to a facility that may lawfully accept the waste.

5.30 The Applicant shall not cause, permit or allow any waste generated outside the premises to be received at the abattoir for storage, treatment, processing, reprocessing or disposal.

5.31 Any sludges, slurries or other similar materials generated from activities at the abattoir must be treated and recycled or transported to an approved waste facility.

5.32 Prior to the commencement of any construction works, the Applicant shall consult with NSW Agriculture (Organic Waste Recycling Unit) and DECC regarding alternative disposal options of sludge removed from the wastewater treatment system. Any recommendations shall be incorporated into the Waste Management Plan (refer to condition 7.4f) of this consent).

Noise Impacts

Construction Noise

5.33 The Applicant shall ensure that the construction and demolition works do not exceed the construction noise criteria outlined in the DECC's *Environmental Noise Control Manual*.

5.34 Construction activities associated with the development that will be audible at residential premises shall only be conducted between 7:00 am and 6:00 pm from Monday to Friday inclusive, and from 8:00 am to 1:00 pm on Saturdays. No construction activity is permitted on a Sunday or a public holiday.

Outside of these hours, construction activities are permitted to occur provided it meets the operational noise criteria referred to in Condition 5.35.

The construction noise limits under condition 5.34 of this consent may be varied with the prior written approval of the Director-General. Any request to alter the hours of construction specified under condition 5.34 shall be:

a) considered on a case-by-case basis;
b) accompanied by details of the nature and need for activities to be conducted during the varied construction hours;
c) accompanied by a written demonstration that the varied construction hours will not adversely impact on the acoustic amenity of residents in the vicinity of the site; and
d) accompanied by details of best practice noise mitigation that will be implemented.

Operation Noise

5.35 The Applicant shall design, construct, operate and maintain the development to ensure that noise generated during the operation of the development does not exceed the noise limits specified in Table 2, at the times indicated, at the most affected residential premises.

Table 2 - Operation Noise Limits

Day	Evening	Night	
$L_{Aeq\,(15\,minute)}$	$L_{Aeq(15\,minute)}$	$L_{Aeq(15\,minute)}$	$L_{A1(1\,minute)}$
37	37	35	45

For the purpose of this condition, time periods shall be defined as follows:

i) Day - the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sundays and Public Holidays; and

ii) Evening - the period from 6pm to 10pm; and

iii) Night - the period from 10pm to 7am Monday to Saturday and 10pm to 8am Sundays and Public Holidays.

5.36 For the purpose of assessment of noise impacts specified under condition 5.35 of this consent, noise from the development shall be

a) measured at the most affected point on or within the residential boundary for $L_{Aeq(15\,minute)}$ noise levels;

b) measured at 1m from the dwelling for $L_{A1(1\,minute)}$ noise levels;

c) measured at wind speeds up to $3ms^{-1}$ at 10 metres above ground level;

d) measured at temperature inversion conditions up to $3^{o}C$ per 100 metres; and

e) subject to the modification factors provided in Section 4 of the *New South Wales Industrial Noise Policy* (DECC, 2000).

5.37 Notwithstanding condition 5.35 of this consent, should direct measurement of noise from the development be impractical, the Applicant may employ an alternative noise assessment method deemed acceptable by the DECC (refer to Section 11 of the *New South Wales Industrial Noise Policy* (DECC, 2000)). Details of such an alternative noise assessment method accepted by the DECC shall be submitted to the Director-General prior to the implementation of the assessment method.

Traffic and Transport

Site Access

5.38 The Applicant shall ensure that all large and articulated vehicles enter and leave the site in a forward direction.

5.39 Vehicles associated with the construction or operation of the development shall be accommodated on site at all times.

5.40 The use of landscaping shall not affect driver sight distance for vehicles entering and exiting the site.

5.41 Should the Applicant undertake construction work in, on or over a public road, a separate approval shall be obtained from WWCC under s138 of the *Roads Act 1993* prior to the commencement of any such works.

Internal Roads and Parking

5.42 The Applicant shall design and construct all internal road works, including the associated parking facilities, line marking (or similar) and loading bays, in accordance with the relevant RTA and WWCC standards and codes, including *AS 2890.1-1993* and *AS 2890.2-1989*.

5.43 Internal roads, driveways, parking areas, loading bays and vehicular turning areas shall be maintained clear of obstruction and used exclusively for the purposes of parking, vehicle access and loading and unloading respectively.

Under no circumstances shall these areas be used for the storage of goods or waste materials or any other purpose.

5.44 The Applicant shall ensure that there is sufficient carparking provided on site to cater for the maximum number of employees, customers/visitors and service vehicles at the premises at any one time.

5.45 The Applicant shall submit detailed design plans of the carparking area/s to the Director-General for approval. The plan shall meet the requirements of WWCC and shall be approved by the Director-General prior to the commencement of any construction works associated with the carpark area.

5.46 The Applicant shall clearly mark all visitor, disabled, and service vehicle parking areas.

5.47 The Applicant shall install signage to demarcate all vehicle movements within the site.

Visual Amenity

5.48 For each stage of the proposed works, the Applicant shall prepare an external design panel indicating the proposed external design finishes, material and configuration, in consultation with WWCC.

5.49 The Applicant shall ensure that all new external lighting associated with the development is mounted, screened, and directed in such a manner so as not to create a nuisance to surrounding land uses. The lighting shall be the minimum level of illumination necessary, and be in general accordance with *AS 4282 – 1997 Control of the Obtrusive Effects of Outdoor Lighting*.

5.50 Nothing in this consent allows the Applicant to erect or display any advertising structure(s) or advertisements associated with the development.

Note: The Applicant may seek development consent from WWCC for the erection of advertising structures.

Landscaping

5.51 The Applicant shall landscape the site in accordance with the Landscape Management Plan referred to under condition 7.4e) for the development, and maintain this landscaping for the full life of the development. Landscaping works shall not commence until the Director-General has approved the Landscape Management Plan.

5.52 Within 90 days of completing the landscape works outlined in the Landscape Management Plan (refer to condition 7.4e)), the Applicant shall submit a Landscape Completion Report to the Director-General, which demonstrates that the landscaping works have been completed in accordance with the approved Plan.

Heritage

5.53 Should any Aboriginal relics be uncovered during any of the construction activities, the Applicant shall cease works in the vicinity of the relic and shall notify the NSW National Parks and Wildlife Service immediately. The Applicant shall meet the requirements of NSW National Parks and Wildlife Service with respect to the treatment, management and/or preservation of any such relic.

Dangerous Goods

5.54 All chemicals, fuels and oils shall be stored in appropriately bunded areas, with impervious flooring and sufficient capacity to contain 110% of the largest container stored within the bund.

5.55 The bund shall be designed and installed in accordance the requirements of the DECC's *Storing and Handling Liquids: Environmental Protection manual*.

Land Ownership

5.56 Prior to the commencement of operations, the Applicant shall provide Council with a detailed site plan identifying all land owned by Council that adjoins or traverses the site. The plans shall identify how existing and proposed works and the operation of the development relate to this land.

5.57 The Applicant shall ensure that any built structures stands clear of land owned by the Council, unless otherwise agreed to by the Council.

5.58 Should any works associated with the construction and/or operation of the abattoir interfere or impinge over the railway corridor, the Applicant shall consult with the relevant rail authority prior to the commencement of any works. Should the relevant rail authority identify any potential conflicts with the existing or future operation of the railway corridor by these works, the Applicant shall implement measures to minimise or eliminate any impact to the satisfaction of that authority.

5.58a Prior to the commencement of construction works, the Applicant shall submit to Rail Infrastructure Corporation a detailed Work Method Statement and Risk Assessment Plan for the Proposed works. These documents shall be to the satisfaction of Rail Infrastructure Corporation and shall be implemented throughout the construction period.

5.58b The Applicant shall implement suitable measures during construction work to ensure that these activities do not result in the collection of stormwater on or near the adjacent railway corridor.

5.58c Prior to the commencement of construction works, the Applicant shall consult with Rail Estate regarding the replacement of the existing fencing along the common boundary of the site and the adjacent railway corridor. Any replacement fencing shall be at the expense of the Applicant and shall meet the requirements of the Rail Estate.

6. ENVIRONMENTAL MONITORING AND AUDITING

Air Quality Monitoring - Odour

6.1 Unless DECC specifies otherwise, the Applicant shall monitor the concentration of each pollutant specified in the Tables 3 and 4.

Table 3 – Monitoring Requirements

Pollutant	Units of Measure	Frequency	Duration	Number	Method
Odour (dynamic olfactometry)	OU or $OU.m^3/s$	Quarterly	1 hour	Duplicate	OM-7
Odour (sampling from point sources)	OU or $OU.m^3/s$	Quarterly	1 hour	Duplicate	OM-7

Parameter	Units of Measure	Frequency	Duration	Number	Method
Dry Gas Density	kg/m^3	Quarterly	1 hour	Duplicate	TM-23
Moisture Content	%	Quarterly	1 hour	Duplicate	TM-22
Molecular Weight	g/g-mole	Quarterly	1 hour	Duplicate	TM-23
Oxygen	%	Quarterly	1 hour	Duplicate	TM-25
Temperature	K	Quarterly	1 hour	Duplicate	TM-2
Velocity	m/s	Quarterly	1 hour	Duplicate	TM-2
Volumetric Flow Rate	m^3/s	Quarterly	1 hour	Duplicate	TM-2
Selection of Sampling Procedures	-	-	-	-	TM-1

Table 4 –Sampling and analysis methods for diffuse sources

Pollutant	Units of Measure	Frequency	Duration	Number	Method
Odour (dynamic olfactometry)	OU or $OU.m^3/s$	Quarterly	1 hour	Duplicate	OM-7
Odour (sampling from diffuse sources)	OU or $OU.m^3/s$	Quarterly	1 hour	Duplicate	OM-8

Note: The Frequency of Monitoring required by the above Table is likely to change to annual reporting once the Odour Impact Assessment has been finalised (Refer to condition 5.5)

6.2 Where site representative meteorological data is not available for odour complaint verification and/or dispersion modelling purposes, the Applicant shall establish a meteorological station at a location approved by the DECC, and to the satisfaction of the Director-General. The meteorological station shall continuously measure and record wind speed, wind direction, total solar radiation, temperature (at two levels), sigma theta and rainfall.

6.3 Unless DECC specifies otherwise, the Applicant shall undertake meteorological monitoring specified in the Table 5.

Table 5 – Meteorological monitoring

Parameter	Units of Measure	Averaging Period	Frequency	Method
Rainfall	mm/hr	1 hour	Continuous	AM-4
Sigma Theta @ 10m	º	1 hour	Continuous	AM-2
Siting	-	-	-	AM-1
Temperature @ 10m	K	1 hour	Continuous	AM-4
Temperature @ 2m	K	1 hour	Continuous	AM-4
Total Solar Radiation @ 10m	w/m^2	1 hour	Continuous	AM-4
Wind Direction @ 10m	º	1 hour	Continuous	AM-2
Wind Speed @ 10m	m/s	1 hour	Continuous	AM-2

Water Quality Monitoring

Effluent Irrigation Monitoring

6.4 [8]Unless DECC specifies otherwise, the Applicant shall monitor the concentration of each pollutant specified in the Table 6.

Table 6– Periodic Pollutant Monitoring (Water)

Point of Discharge	Pollutant	Type of Monitoring	Frequency
Discharge of stormwater from the first flush pond	▪ Nitrogen ▪ Phosphorous ▪ Potassium ▪ BOD ▪ Suspended solids	Grab sample	Annually
Groundwater under the irrigation area	▪ Nitrogen ▪ Electrical Conductivity ▪ Standing Water Level ▪ pH	Groundwater sample	Annually
Soils within the effluent irrigation area	▪ Available Phosphorous ▪ Cation Exchange Capacity ▪ Chloride Conductivity ▪ Exchangeable Sodium Percentage ▪ Exchangeable Calcium ▪ Exchangeable Magnesium ▪ Exchangeable Potassium ▪ Exchangeable Sodium ▪ Nitrate ▪ Phosphorous Sorption Capacity ▪ Total Nitrogen ▪ Total Phosphorous ▪ Total Organic Carbon ▪ Water Stable Aggregates ▪ pH.	Soil monitoring	Annually

Noise Monitoring and Auditing

6.5 Within 90 days of commencement of operation of the development, and during a period in which the development is operating under design loads and normal operating conditions, the Applicant shall conduct a **Noise Audit** of its operations. This Audit shall:

(a) be undertaken by a suitability qualified and experienced person;

(b) assess whether the development is complying with the intrusive and amenity noise criteria; and, if any non-compliance is detected,

(c) identify what additional measures could be implemented to ensure compliance.

6.6 Within 28 days of conducting the Audit referred to under condition 6.5 of this consent, the Applicant shall provide the Director-General with a copy of the Noise Audit report. If the Audit identifies any non-compliance with the noise limits imposed under this consent, the Applicant shall detail what additional measures would be implemented to ensure compliance, clearly indicating who would implement these measures, when these measures would be implemented, and how the effectiveness of these measures would be measured and reported to the Director-General.

6.7 The Applicant shall prepare and implement a **Noise Monitoring Program** to monitor noise impacts associated with the development. The Program shall

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be consistent with guidelines provided in *New South Wales Industrial Noise Policy* (DECC, 2000) and shall include, but not necessarily be limited to:

a) identification of noise monitoring locations, with relevant noise limits for each location provided;
b) noise monitoring frequencies; and
c) methodologies for noise monitoring.

The Noise Monitoring Program shall be submitted for the approval of the Director-General prior to the commencement of operation of the development, or within such period as the Director-General may agree.

Independent Environmental Auditing

6.8 Within 12 months of the commencement of operations, and every 3 years thereafter, unless the Director-general directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the project. This audit must:

a) be conducted by a suitably qualified, experienced, and independent team of experts whose appointment has been endorsed by the Director-General;
b) be undertaken in consultation with DECC, DWE and Council;
c) include a Hazard Audit in accordance with the Department's *Hazardous Industry Planning Advisory Paper No. 5 – Hazard Audit Guidelines*. The audit shall include a review of the Safety Management System and of all incidents recorded and be accompanied by a program for the implementation of all recommendations made in the audit report. If the Applicant intends to defer the implementation of a recommendation, justification must be included.
d) assess whether the project is being carried out in accordance with industry best practice;
e) assess the environmental performance of the project, and its effects on the surrounding environment and sensitive receivers;
f) assess whether the project is complying with the relevant standards, performance measures, and statutory requirements;
g) review the adequacy of any strategy/plan/program required under this approval; and, if necessary,
h) recommend measures or actions to improve the environmental performance of the project, and/or any strategy/plan/program required under this approval.

6.9 Within 8 weeks of completing this audit as required under Condition 6.8, or as otherwise agreed by the Director-General, the Applicant shall submit a copy of the audit report to the Director-General with a response to any recommendations contained in the audit report.

6.10 Within 3 months of submitting an audit report to the Director-General, the Applicant shall review and if necessary revise the strategy/plans/programs required under this approval to the satisfaction of the Director-General.

7. ENVIRONMENTAL MANAGEMENT

Construction Environmental Management Plan

7.1 The Applicant shall prepare and implement a **Construction Environmental Management Plan** to outline environmental management practices and procedures to be followed during the construction of any stage of the development. The Plan shall be prepared in consultation with WWCC, and shall include, but not necessarily be limited to:

a) a description of all activities to be undertaken on the site during construction of the development, including an indication of stages of construction, where relevant;
b) statutory and other obligations that the Applicant is required to fulfil during construction, including all approvals, consultations and agreements required from authorities and other stakeholders, and key legislation and policies;
c) specific consideration of measures to address any requirements of WWCC during construction;
d) details of how the environmental performance of the construction works will be monitored, and what actions will be taken to address identified adverse environmental impacts;
e) a description of the roles and responsibilities for all relevant employees involved in the construction of the development;
f) the Management Plans listed under condition 7.2 of this consent;
g) arrangements for community consultation and complaints handling procedures during construction.

The Plan shall be submitted for the approval of the Director-General prior to the commencement of construction of any stage of the development, or within such period otherwise agreed by the Director-General. Construction shall not commence until written approval has been received from the Director-General. Upon receipt of the Director-General's approval, the Applicant shall supply a copy of the Plan to WWCC, as soon as practicable.

7.2 As part of the Construction Environmental Management Plan for the development, required under condition 7.1 of this consent, the Applicant shall prepare and implement the following Management Plans:

a) an **Erosion and Sedimentation Management Plan** to detail measures to minimise erosion during construction of the development. The Plan shall be prepared in consultation with the DECC. The Plan shall include, but not necessarily be limited to:
   i) results of investigations into soils associated with the site, in particular the stability of the soil and its susceptibility to erosion;
   ii) details of erosion, sediment and pollution control measures and practices to be implemented during construction of the development;
   iii) demonstration that erosion and sediment control measures will conform with, or exceed, the relevant requirements and guidelines provided in DECC's publication *Urban Erosion and Sedimentation Handbook*, the DECC 's publication *Pollution Control Manual for Urban Stormwater* and the Department of Housing's publication *Soil and Water Management for Urban Development*;
   iv) design specifications for diversionary works, banks and sediment basins;
   v) an erosion monitoring program during construction of the development; and
   vi) measures to address erosion, should it occur, and to rehabilitate/ stabilise disturbed areas of the site.

b) a **Noise Management Plan** to outline measures to minimise and mitigate noise impacts on surrounding land uses as a result of the construction of the development. The Plan shall include, but not necessarily be limited to:
   i) identification of the potential sources of noise during the proposed works;
   ii) specification of the noise criteria for the proposed works;
   iii) a detailed description of what actions and measures would be implemented to ensure that these works would comply with the relevant noise criteria. This should include measures as recommended by AS 2436-1981;

iv) a description of how the effectiveness of these actions and measures would be monitored during the proposed works, clearly indicating who would conduct the monitoring, how often this monitoring would be conducted, how the results of this monitoring would be recorded; and, if any non-compliance is detected; and

v) a description of what procedures would be followed to ensure compliance;

c) a **Dust Management Plan** to detail measures to minimise the generation of dust on the site during construction, and the impacts of dust on surrounding land uses. The Plan shall include, but not necessarily be limited to:

i) identification of the potential sources of dust during construction;

ii) specification of appropriate dust control criteria for the works;

iii) a description of what actions and measures would be implemented to minimise dust generation during the proposed works;

iv) details of how the effectiveness of these measures would be monitored during the proposed works; and, if any non-compliance is detected;

v) a description of what procedures would be followed to ensure compliance.

d) a **Waste Management Plan** to outline measures to minimise the production and impact of wastes generated at the site during construction of the development. The Plan shall include, but not necessarily be limited to:

i) identification of the type and quantities of waste that would be generated during construction works;

ii) an outline of measures to be implemented to minimise the disposal of waste;

iii) a description of how the waste would be handled and stored during construction, and reused, recycled and, if necessary, appropriately treated and disposed of in accordance with the DECC's *Environmental Guidelines: Waste Classification Guidelines*;

iv) a description of how the effectiveness of these measures would be monitored; and, if any non-compliance is detected; and

v) a description of what measures would be followed to ensure compliance.

e) a **Transport Management Plan**, in consultation with WWCC, to outline the measures to manage traffic issues during the construction and operation of the development. The Plan shall include, but not necessarily be limited to:

i) identification of the volumes, frequency and transport routes of construction traffic;

ii) identification of the potential traffic and transport impacts associated with the construction works. In particular the cumulative impact of construction and operational traffic on the local road network;

iii) a detailed description of what actions and measures would be implemented to minimise these potential impacts;

v) details of how the effectiveness of these actions and measures would be monitored during these works; and if any non-compliance is detected;

vi) a description what procedures would be followed to ensure compliance; and

vi) details of a Driver Code of Conduct to be applied to employees and contractors working at the abattoir and associated facilities during both construction and operational phases to ensure road and traffic safety measures are implemented.

7.2(a) The Applicant must update the Construction Environmental Plan for the project to the satisfaction of the Director-General. The Plan must:

a) be submitted to the Director-General for approval before the commencement of construction of the new pond 2b and associated flare system;
b) be updated having regards to the requirements specified under condition 7.1 of this consent; and
c) include:
   - Erosion and Sedimentation Management Plan;
   - Dust Management Plan;
   - Waste Management Plan;
   - Fire Safety Study, prepared in accordance with the Department's *Hazardous Industry Planning Advisory Paper No. 2 'Fire Safety Study Guidelines*' and the New South Wales Government's Best Practice Guidelines for Contaminated Water Retention and Treatment Systems. The study shall also be submitted to the NSW Fire Brigade for approval; and
   - a Final Hazards Analysis (FHA) prepared in accordance with the Department's *Hazardous Industry Planning Advisory Paper No.6 'Guidelines for Hazard Analysis'.*

Operation Environmental Management Plan

7.3 The Applicant shall prepare and implement an **Operation Environmental Management Plan** to detail an environmental management framework, practices and procedures to be followed during the operation of the development. The Plan shall include, but not necessarily be limited to:

a) identification of all statutory and other obligations that the Applicant is required to fulfil in relation to operation of the development, including all consents, licences, approvals and consultations;
b) a description of the roles and responsibilities for all relevant employees involved in the operation of the development;
c) overall environmental policies and principles to be applied to the operation of the development;
d) standards and performance measures to be applied to the development, and a means by which environmental performance can be periodically reviewed and improved, where appropriate;
e) management policies to ensure that environmental performance goals are met and to comply with the conditions of this consent;
f) the Management Plans listed under condition 7.4 of this consent; and
g) arrangements for community consultation and complaints handling procedures during construction.

The Plan shall be submitted for the approval of the Director-General no later than one month prior to the commencement of operation of the development, or within such period otherwise agreed by the Director-General. Any stage of the operations shall not be commissioned until the Director-General has approved the OEMP covering the works undertaken in that stage. Upon receipt of the Director-General's approval, the Applicant shall supply a copy of the Plan to WWCC as soon as practicable.

7.4 As part of the Operation Environmental Management Plan for the development, required under condition 7.3 of this consent, the Applicant shall prepare and implement the following Management Plans:

a) an **Odour Management Plan** to outline measures to minimise odour impacts associated with the entire abattoir operation. The Plan is to be prepared in consultation with the DECC and WWCC. The Plan shall include, but not necessarily be limited to:

i) identification of all point and diffuse sources of odour associated with the entire abattoir operation;

ii) a detailed description of the odour mitigation methods and management practices that will be used throughout the entire abattoir operation to ensure offensive odour impacts do not occur;

iii) a detailed description of the methods used for monitoring the effectiveness of odour mitigation methods and management practices for all point and diffuse sources of odour associated with the entire abattoir operation; and

iv) a procedure for handling odour complaints that includes recording, investigating, reporting and acting on complaints.

b) a **Water Management Plan** to outline measures to control and manage surface water (including erosion and sedimentation), and stormwater associated with the development. The Plan shall address the requirements of WWCC and the DECC. The Plan shall include, but not necessarily be limited to:

surface water, erosion and sedimentation management

i) measures to be implemented to minimise the potential for erosion and dust emissions from the site, during the operation of the development and measures to maintain all erosion mitigating works, particularly in relation to the cattleyards;

ii) demonstration that erosion and sedimentation control measures will conform with, or exceed, the relevant requirements and guidelines provided in DECC's publication *Urban Erosion and Sedimentation Handbook*, and the Department of Housing's publication *Soil and Construction 3rd Edition August 1998*; and

iii) measures to rehabilitate erosion-affected areas and areas the subject of excavation, including tree, shrub and/ or cover crop species and implementation (consistent with the Landscape Management Plan required under condition 7.4c) of this consent);

[9]***stormwater management***

i) details of all relevant stormwater control infrastructure and how that infrastructure minimise stormwater peak flows and peak pollutant concentrations;

ii) procedures for the installation and maintenance of gross pollutant traps to screen run-off from the site;

iii) a demonstration of consistency with the stormwater management plan for the catchment, should one exist, or with the DECC's publication *Managing Urban Stormwater: Council Handbook* should a stormwater management plan for the catchment not exist;

c) an **Effluent Wastewater Management Plan** to outline measures to manage soil, surface water and groundwater impacts associated with the irrigation of effluent during the operation of the development. The Plan shall be prepared in consultation with the DECC, WWCC, and NSW Agriculture. The Plan shall include, but not necessarily be limited to:

i) description of the proposed irrigation system and associated infrastructure;

ii) include the following detailed sub-management plans:

- *Soil Management Plan*, to outline measures to manage and/or mitigate the risk of soil degradation, erosion and the accumulation of nutrients & salts in the irrigation utilisation area;

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- *Groundwater Management Plan*, particularly with regards to the monitoring of groundwater impacts on and off-site in accordance with DECC requirements; and
- *Crop Management Plan*, particularly with regards to the potential for crop renovation at the irrigation utilisation area.

iii) Specification of standards and performance measures for each of the relevant components of the irrigation system and effluent treatment system. This shall include measures to maintain aerobic and anaerobic conditions within the effluent treatment system ponds;

iv) demonstration of consistency with the DECC's draft *Environmental Guidelines for Irrigation Farming: General Principles*;

v) description of what measures would be implemented to ensure that the proposed system complies with the specified criteria during operations;

vi) a detailed description of what contingency measures would be implemented for irrigation practices on site and the treatment of effluent, such as the impacts of adverse weather conditions or the failure of the effluent treatment ponds to maintain biological conditions; and

vii) description of how the effectiveness of actions and measures would be monitored over time (including monitoring as required by Condition 6.4); and if any non-compliance is detected what procedures would be followed to ensure compliance.

d) a **Noise Management Plan** to outline measures to manage noise impacts associated with the operation of the development. The Plan shall address the requirements of WWCC and DECC. The Plan shall include, but not necessarily be limited to:

i) identification of the potential sources of noise during the site operations;

ii) specification of the noise criteria for these operations;

iii) a detailed description of what actions and measures would be implemented to ensure that operations would comply with specified noise criteria; and

iv) a description of how the effectiveness of actions and measures would be monitored over time; and if any non-compliance is detected what procedures would be followed to ensure compliance;

e) a **Landscape Management Plan** to outline measures to ensure appropriate development and maintenance of landscaping on the site. The Plan shall address the requirements of WWCC. The Plan shall include, but not necessarily be limited to:

i) details of existing and proposed landscaping to be undertaken on the site, including landscaping surrounding the abattoir buildings, carpark and stock pen areas and along site perimeters. Particular attention should be given to screen the main abattoir buildings, carpark and stock pen areas from residential receptors;

ii) maximisation of flora species endemic to the locality in landscaping the site;

iii) details of car parking and measures to prevent vehicle encroachment onto landscaped areas;

iv) details of any trees that will need to be removed from the site; and

v) a program to ensure that all landscaped areas on the site are maintained in a tidy, healthy state.

f) a **Waste Management Plan** to outline measures to minimise the production and impact of wastes generated at the development. Particular attention shall be given to the management and disposal of sludge removed from the wastewater treatment system. The Plan shall address the requirements of WWCC and shall include, but not necessarily be limited to:

i) identification of the types and quantities of waste that would be generated during operations;
ii) standards and performance measures for dealing with this waste;
iii) a detailed description of how this waste would be stored and handled during operations;
iv) a detailed description of how this waste would be reused, recycled, and if necessary, appropriately treated and disposed of in accordance with the DECC's *Environmental Guidelines: Waste Classification Guidelines*;
v) a description of how the effectiveness of these actions and measures would be monitored over time; and
vi) a description of what procedures would be followed to ensure compliance if any non-compliance is detected.

g) an **Emergency Management Plan** to outline measures that would be implemented in a time of emergency. The Plan shall address any requirements of WWCC and DECC, and shall include, but not necessarily be limited to:

i) identification of potential emergencies at the abattoir, such as plant failure, excessive rainfall, fire, explosions, etc;
ii) a outline of what procedures would be followed during emergencies to minimise any adverse impacts on humans or the environment; and
iii) a detailed communications strategy for emergencies that describes how the various agencies and affected community would be alerted to the emergency.

7.4(a) The Applicant must update the Operation Environmental Plan for the project to the satisfaction of the Director-General. The Plan must:

a) be submitted to the Director-General for approval before the commencement of commissioning of the new pond 2b and associated flare system;
b) be updated having regards to the requirements specified under condition 7.3 of this consent; and
c) include:
- Odour Management Plan;
- Water Management Plan;
- Waste Management Plan;
- Energy Savings Action Plan prepared in accordance with the requirements of the DWE and the Guidelines for Energy Savings Action Plans, DEUS 2005;
- Emergency Plan detailing emergency procedures for the project, including detailed procedures for the safety of people outside of the project who may be at risk from the project. The Emergency Plan must be prepared accordance with the Department's *Hazardous Industry Planning Advisory Paper No. 1 'Industry Emergency Planning Guidelines'*; and
- Safety Management System covering all on-site operations and associated transport activities involving hazardous materials. The Safety Management System must be prepared in accordance with the Department's *Hazardous Industry Planning Advisory Paper No.9 'Safety Management'* and must specify all safety related procedures, responsibilities and policies, along with mechanisms for ensuring adherence to the procedures. Records shall be kept on-site and be available for inspection by the Director-General upon request.

8. ENVIRONMENTAL REPORTING

Incident Reporting

8.1 Within 24 hours of detecting the occurrence of an incident that causes (or may cause) material harm to the environment, the Applicant shall notify the Department and other relevant agencies of the incident.

8.2 Within 7 days of notifying the Department and other relevant agencies of such an incident, the Applicant shall provide the Department and these agencies with a written report that:

a) describes the date, time, and nature of the incident;
b) identifies the cause (or likely cause) of the incident;
c) describes what action has been taken to date; and
d) describes the proposed measures to address the incident.

Annual Performance Reporting

8.3 Within 12 months of this approval, and annually thereafter, the Applicant shall submit an AEMR to the Director-General and relevant agencies. This report must:

a) identify the standards and performance measures that apply to the project;
b) describe the works carried out in the last 12 months;
c) describe the works that will be carried out in the next 12 months;
d) include a summary of the complaints received during the past year, and compare this to the complaints received in previous years;
e) include a summary of the monitoring results for the project during the past year;
f) include an analysis of these monitoring results against the relevant:
   - impact assessment criteria/limits;
   - monitoring results from previous years; and
   - predictions in the SEE (2009) or other documents listed in condition 1.2 of schedule 2;
g) identify and discuss all exceedances of approval and licence conditions and other applicable standards and performance measures;
h) identify any trends in the monitoring results over the life of the project;
i) identify any non-compliance during the previous year; and
j) describe what actions were, or are being, taken to ensure compliance.

> Note: The AEMR may be submitted to the Director-General for approval, at the same time as the Annual Return is submitted to DECC.