



Operational Environmental Management Plan

Narrandera Poultry Production Complex

ProTen Holdings Pty Ltd

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North Sydney NSW 2060

Prepared by:

SLR Consulting Australia

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Basis of Report

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1.0 Introduction

1.1 Background

The Narrandera Poultry Production Complex (the “Development”) was granted Development Consent SSD 6882 on 9 November 2015 by the Planning Assessment Commission of NSW (PAC) to be established within a rural property approximately 26 kilometres (km) west of Narrandera in South Western New South Wales (NSW). The Narrandera Poultry Production Complex applied for a Modification to Development Consent SSD 6882 and was accepted on 21st of March 2024 by the Department of Planning, Housing and Infrastructure (DPHI). Modification 1 to SSD 6882 included updates to the consent in relation to:

- Increase maximum number of broilers.
- Change bird placement regime; and
- Allow use of A-Double Heavy Vehicles.

The Development comprises five poultry production units (PPU) or farms, where broiler birds will be grown for human consumption. Each PPU will comprise 16 tunnel-ventilated fully-enclosed climate-controlled poultry sheds, with associated support infrastructure and staff amenities.

This Operational Environmental Management Plan (OEMP) has been prepared for the Development by SLR Consulting Australia (SLR) on behalf of ProTen Holdings (ProTen).

For the purposes of this document, the Development is described in:

- The Euroley Poultry Production Complex SSD 6882, Environmental Impact Statement (EIS) (SLR 2015a) and the appendices contained within; and
- The Euroley Poultry Production Complex SSD 6882, Response to Submissions (RTS) (SLR 2015b) and the appendices contained within. The Euroley Poultry Farm SSD-6882 Modification Application (PSA Consulting 2023)
- The Euroley Poultry Farm SSD-6882 Modification Application (PSA Consulting 2023)

1.2 Document Purpose and Scope

This OEMP has been prepared to:

- Satisfy the requirements of condition C4 of Development Consent SSD 6882, which is listed below in Table 1;
- Ensure that other relevant conditions imposed by Development Consent SSD 6882 and the Environment Protection Licence EPL 20748 are fully implemented and/or complied with;
- Ensure the application of best practice environmental management;
- Ensure that the commitments made in the EIS (SLR 2015a), RTS (SLR 2015b) and Modification 1 Report (PSA, 2023) are fully implemented and/or complied with during the life of the Development; and

Ensure that the environmental risks associated with the operation of the Development are properly managed.

It also been prepared with consideration to condition C6 of Development Consent SSD 6882, which sets out the requirements for management plans required by the consent, and the following guideline documents:



- *Guideline for the Preparation of Environmental Management Plans* (Department of Infrastructure, Planning and Natural Resources [DIPNR] 2004); and
- *Best Practice Management for Meat Chicken Production in NSW, Manual 2 - Meat Chicken Growing Management* (Department of Primary Industries [DPI] 2012).

Table 1: Development Consent Condition C4

Condition No	Condition	OEMP
C4.	The Applicant shall prepare and implement an Operational Environmental Management Plan (OEMP) to the satisfaction of the Secretary. The OEMP must:	
(a)	Be submitted to the Secretary for approval prior to the commencement of operation;	Section 1.3
(b)	Be consistent with the NSW DPI's Best Practice Management for Meat Chicken Production in NSW - Manual 2 (Meat Chicken Growing Management);	Section 1.2
(c)	Be prepared by a suitably qualified and experienced expert;	Section 1.1
(d)	Provide the strategic framework for environmental management of the Development;	Section 3
(e)	Identify the statutory approvals that apply for the Development;	Section 3.3
(f)	Describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the Development;	Section 3.2
(g)	Describe the procedures that would be implemented to: <ul style="list-style-type: none"> i. keep the local community and relevant agencies informed about the operation and environmental performance of the Development; ii. Receive, handle, respond to and record complaints; iii. Resolve any disputes that might arise; iv. Respond to any non-compliance v. Respond to emergencies; and 	Sections 5.2 and 7 Section 8 Section 7.3 Section 9 Sections 6 and 9, Appendices I and M
(h)	Include the following environmental management plans: <ul style="list-style-type: none"> i. Air quality (see Conditions B3, B4 and B5); ii. Emergency Disposal and Bio-security Protocol (see Condition B9); iii. Biodiversity (see Condition B10 to B12 inclusive); iv. Waste (see Condition B21); v. Emergency and Evacuation (see Condition B36); vi. Water (see Condition B45); vii. Landscaping (see Condition B47); and viii. Aboriginal Cultural Heritage (see Condition B55). 	Sections 4.2 and 4.3 and Appendix E Section 4.14 and Appendix L Section 4.7 and Appendix J Section 4.10 and Appendix H Section 6, Appendices I and M Section 4.6 and Appendix G Section 4.11 and Appendix F Section 4.8 and Appendix K

The following separate management plans have been prepared and are appended to this OEMP:

- Air Quality Management Plan (AQMP) (SLR,2024);
- Water Management Plan (WMP) (SLR 2024);



- Biodiversity Management Plan (BMP) (SLR 2024);
- Aboriginal Cultural Heritage Management Plan (ACHMP) (OzArk Environment and Heritage [OzArk] 2024);
- Emergency Plan (SLR 2024) and Addendum Report (GHD 2020);
- Flooding Emergency and Evacuation Plan (SLR 2024);
- Waste Management Plan (SLR 2024);
- Landscape Management Plan (SLR 2024); and
- Emergency Disposal and Biosecurity Protocol (SLR 2024).

1.3 Government Agency Consultation

In accordance condition C4(a) of Development Consent SDD 6882, this OEMP was originally submitted to the Department of Planning, Housing and Infrastructure (formally Department of Planning and Environment) (DPHI) prior to the commencement of operation on the 19 April 2016.

Consultation was undertaken with various other State and local government agencies during the preparation of the various environmental management plans referred to under condition C4(h). Table 2 summarises the consultation undertaken to date and any follow-up actions undertaken to date.

Table 2: Government Agency Consultation

Consent Condition No	Environmental Management Plan	Agencies Consulted	Feedback Received and Actions Taken (to date)
B3	<i>Air Quality Management Plan (AQMP)</i>	EPA	Feedback received and management plan updated accordingly.
B9	<i>Emergency Disposal and Biosecurity Protocol</i>	EPA	Feedback received and management plan updated accordingly.
		Council	Waiting response/feedback.
		DPI Agriculture	Feedback received and management plan updated accordingly.
B12	<i>Biodiversity Management Plan (BMP)</i>	OEH	Feedback received and management plan updated accordingly.
B21	<i>Waste Management Plan</i>	N/A	N/A
B25	<i>Emergency Plan</i>	N/A	N/A
B36	<i>Flood Emergency and Evacuation Plan</i>	SES	Response received and no actions required.
		Council	Waiting response/feedback.
B45	<i>Water Management Plan (WMP)</i>	DPI Water	Feedback received and management plan updated accordingly.
B47	<i>Landscape Management Plan (LMP)</i>	N/A	N/A
B55	<i>Aboriginal Cultural Heritage Management Plan (ACHMP)</i>	OEH	Feedback received and management plan updated accordingly.

EPA – Environment Protection Authority

Council – Narrandera Shire Council

DPI Agriculture – Department of Primary Industries – Agriculture



OEH – Office of Environment and Heritage

SES – State Emergency Services

DPI Water – Department of Primary Industries - Water

The Emergency Disposal and Biosecurity Protocol and Flood Emergency and Evacuation Plan will be reviewed and, if required, updated upon receiving any feedback from Council. These documents will then be re-submitted to the DPHI and updated in the OEMP.



2.0 Development Description

2.1 Location

The Development Site comprises approximately 1,160 hectares of rural land positioned off the Sturt Highway approximately 26 km west of Narrandera in South Western NSW within the Narrandera Local Government Area (LGA). The land parcels contained within the Development Site are listed in Table 3 and shown on Figure 1.

Table 3: Schedule of Land Parcels

Lot and Deposited Plan	Notes
Lots 1, 41, 42, 44, 45 and 54 in DP 750898	Freehold land within Development Site
Lot 1 in DP 1054064	Freehold land within Development Site
Sections of Crown road in the southern portion of the Development Site	These sections are covered by an enclosure permit. ProTen is working towards closing and purchasing these sections of Crown road.
Sections of Crown road along the northern boundary of the Development Site.	The section of Crown road between Lot 42 in DP 750898 and Lot 12 in DP 750898 is covered by an enclosure permit. The access road from the Stuart Highway in to the Development Site will cross this section of Crown road. ProTen is working towards closing and purchasing this section of Crown road.
Lot 39 in DP 750876, Lots 12 and 15 in DP 750898 and a section of Crown road	An easement will be created through these parcels of land in order to construct and operate the access road between the Sturt Highway and the Development Site.

The north-west corner of the Development Site abuts the “Banandra” portions of the South West Woodland Nature Reserve and Murrumbidgee Valley National Park.

2.2 Nearest Receptors

The Development Site is removed from any urban areas and there is a low density of surrounding residential dwellings. Eleven privately-owned residences have been identified in the neighbouring and nearby properties (labelled R1-R5, R7-R11 and R13) as shown on Figure 1. The nearest of these are R5 and R4 located approximately 2.1 km and 2.3 km, respectively, to the north of the northern-most PPU (Farm 75).

The receptors labelled R6 and R12 on Figure 1 represent proposed dwellings for which development applications have been lodged with Council, however have not been constructed (at the time of writing this OEMP).

2.3 Development Overview

Figure 2 and Figure 3 show the approved layout of the Development and each PPU, respectively. The Development comprises five poultry production units (PPUs) or farms, where birds will be grown for human consumption, along with associated support infrastructure.

In the current consent (before intersection upgrade) each PPU comprises 16 tunnel-ventilated fully-enclosed climate-controlled poultry sheds, has the capacity to house 49,000 birds. This equates to a PPU population of 784,000 birds and a total Development population of 3.92 million birds.

Modification 1 to the consent (Condition B14A and B14B) permits ProTen to upgrade the intersection between the Sturt Highway and the site access.



Table 4: Consent Conditions B14, B14A and B14B

SSD 6882	
B14	Prior to the commencement of construction of any poultry shed, residential dwelling or structure on-site, the Applicant shall construct an intersection between the Sturt Highway and the proposed site access identified in the EIS to a Basic Right Turn (BAR) and Basic Left Turn (BAL) intersection treatment, in consultation with, and to the satisfaction of the RMS.
B14A	<p>In addition to the roadworks completed under condition B14, the Applicant may further upgrade the intersection between the Sturt Highway and the site access. The works must be to the satisfaction of the RMS, in accordance with the plan in Appendix 3 and:</p> <ul style="list-style-type: none"> a) be designed for an A-double heavy vehicle; b) include a 1.0 m minimum shoulder that prevents moisture ingress and provides lateral stability for road pavement along the entire southern side of the intersection treatment and both sides of the access driveway to the property boundary; and c) be designed and constructed so as not to interfere with the capacity of the current roadside drainage network and to prevent water from proceeding onto, or ponding on, the carriageway of the Sturt Highway
B14B	<p>Prior to the commencement of construction of the roadworks described in condition B14A, the Applicant must:</p> <ul style="list-style-type: none"> a) enter into a Works Authorisation Deed (or similar) with RMS for any works carried out on RMS land; and b) obtain approval for the works under the Roads Act 1993

After the intersection of Sturt Highway has been upgraded in line with the works described in condition B14 and completed to Transport for NSW (formally known as RMS) satisfaction ProTen may increase the maximum population of broilers at any one time on the entire site from 3.92 million broilers to 4.4608 million broilers.

This will result in each of the 16 sheds having a maximum capacity of 55,760 birds. This equates to a PPU population of 892,160 birds and a total Development population of 4.4608 million birds.

Note, EPL 20748 was submitted to the EPA on 1 July 2024 for a variation to align with SSD 6882 as approved by MOD1.





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LEGEND

- Development site
- Receptor location
- Receptor location (unoccupied house)
- Receptor location (DA lodged, dwelling not constructed)
- Easement
- Wetlands

Notes and Cautions:

- (1) Background satellite image sourced from ESRI Base Maps
- (2) All boundaries and areas shown on this plan are approximate only and subject to survey verification.

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KM

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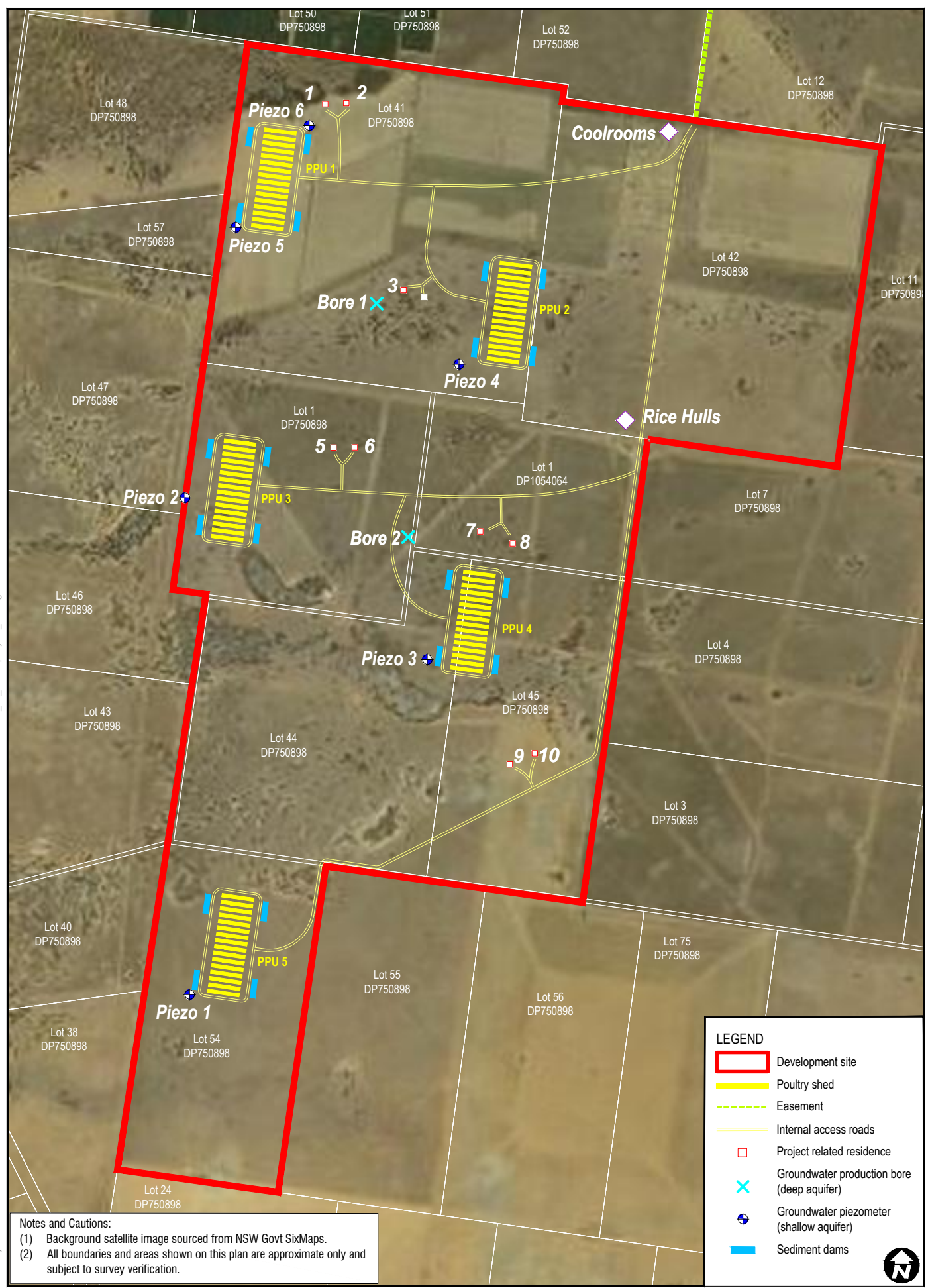
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**DEVELOPMENT SITE
AND NEAREST RECEPTORS**

FIGURE 1

H:\Projects-SLR\630-SwNTL\630-NTL\630.031036.00001-ProTen - Narrandera Water MIP-U06-SLR-Data\01-CAD\GIS\CAD\SLR\630.031036_F1_DevelopmentLayout_V2.dwg



Notes and Cautions:
 (1) Background satellite image sourced from NSW Govt SixMaps.
 (2) All boundaries and areas shown on this plan are approximate only and subject to survey verification.

LEGEND

- Development site
- Poultry shed
- Easement
- Internal access roads
- Project related residence
- ✕ Groundwater production bore (deep aquifer)
- ⊕ Groundwater piezometer (shallow aquifer)
- Sediment dams



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(GDA94) MGA ZONE

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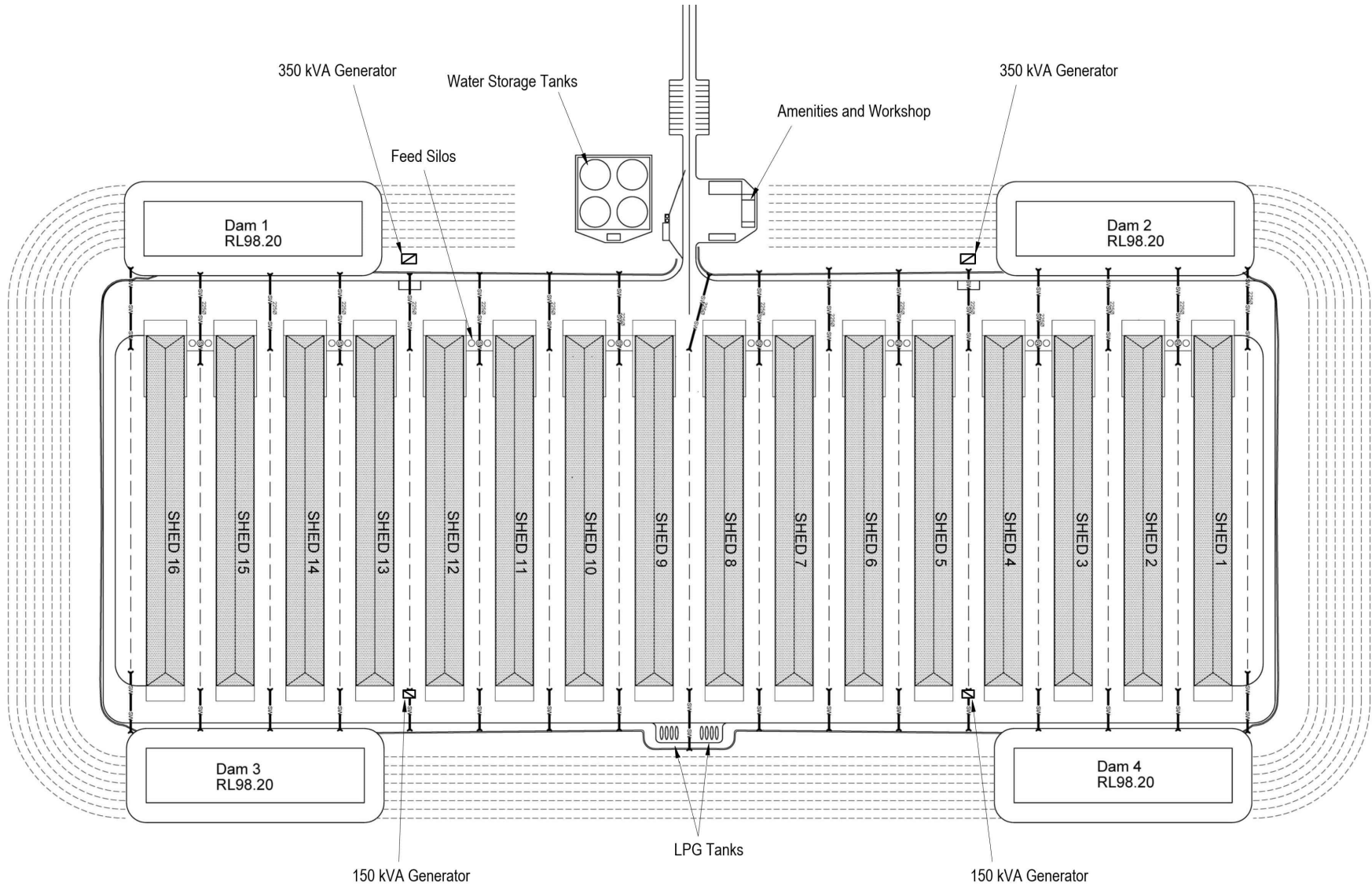
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DEVELOPMENT LAYOUT

FIGURE 2

H:\Projects-SLR\630-Sv\NTL\630-NTL\630-03\1036-00001 ProTem - Narrandera Water, MP U06 SLR Data\01 CAD\GIS\CAD\SLR630-03\1036_F1_PPULayout_V1.dwg



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POULTRY PRODUCTION UNIT LAYOUT

FIGURE 2

Table 5 contains a summary of the some of the key elements of the Development.

Table 5: Summary of Current and Proposed Development

Development Characteristic	Proposed Development
Purpose	Birds grown for human consumption
Number of PPUs	Five
Number of poultry sheds per PPU	16, each measuring 160 metres long by 17 metres wide
Total number of poultry sheds	80
Type of poultry sheds	Tunnel-ventilated, fully-enclosed, climate-controlled
Maximum bird density within sheds	40 kilograms per square metre (kg/m ²)
Hours of operation	24 hours a day, 7 days a week
Production cycle length	Approximately 9 weeks, comprising a maximum bird occupation of 8 weeks and a cleaning phase of 1 week
Number of production cycles per year	On average, approximately 5.7
Development Populations (current approval)	
Maximum shed population	49,000 birds (before intersection development)
Maximum PPU population	784,000 birds (before intersection development)
Maximum development population	3.92 million birds
Future development populations (after intersection development)	
Maximum shed population	55,760 birds
Maximum PPU population	892,160 birds
Maximum Development population	4.4608 million birds

In addition to the poultry shedding, the Development also includes:

- Ten residential dwellings to house the farm managers and assistant farm managers; and
- Various other infrastructure items to support the poultry production operation, including –
 - Site office at each PPU encompassing office space and staff amenities;
 - Workshop at each PPU;
 - Chemical and fuel storage facilities at each PPU;
 - Wheel wash facility at each PPU;
 - Diesel generators at each PPU;
 - Feed silos and water storage tanks at each PPU;
 - Surface water management systems at each PPU;
 - Poultry shed bedding material (rice hulls) storage shed;
 - Dead bird coolroom/chiller; and
 - Groundwater production bores.

The commercial activities associated with the poultry operation will be largely confined to the relatively small PPU sites (see Figure 2). The land outside of these areas will likely continue



to be used for agricultural production purposes under some form of lease or share farming arrangement.

2.4 Operating Hours

The Development will operate 24 hours a day, seven days a week with the majority of activities being carried out between 7:00 am and 7:00 pm. For reasons of livestock welfare, as the birds reached their desired processing (slaughter) weight they will be removed from the sheds and transported from the Development Site between 8.00 pm and 2.00 pm, when it is cooler and the birds are more settled.

There will typically be one daily shift for farm workers commencing at 7.00 am and finishing at 4.00 pm.



3.0 Environmental Management Framework

3.1 Key Contact

3.1.1 ProTen

The implementation of this OEMP is to be undertaken by the key company individuals listed in Table 6.

Table 6: ProTen Contacts

Key Contacts	Company Position	Contact Details
Graham Kirby	Operations Manager – NSW/QLD/VIC	Ph: 02 0432 842 459 Email: graham@proten.com.au
James Wentworth	CEO	Mob: 0434 550 789 Email: jamesw@proten.com.au
ProTen Head Office (Sydney)	-	Ph: 02 9458 1700
Environment Hotline	-	Ph: 1800 776 994 (freecall)

3.1.2 Regulatory Authorities and Stakeholders

Table 7 lists the contact details for the various regulatory authorities and stakeholders that have an interest in the operation of the Development.

Table 7: Regulatory Authorities and Stakeholders Contacts

	Key Contact	Contact Detail
Department of Planning and Environment (DPHI)	Industry Assessments	Ph: 1300 305 695
	Post-Consent Compliance	Email: information@planning.nsw.gov.au
Environment Protection Authority (EPA)	Environment Line	Ph: 131 555 or 02 9995 5555 Email: info@epa.nsw.gov.au
	Griffith Regional Office	Ph: 02 6969 0700
NSW Department of Climate Change, Energy, the Environment and Water (DCCEEW)	General Enquiries	Ph: 1300 081 047 Email: info@environment.nsw.gov.au
	Wagga Wagga Office (local office)	Ph: 02 6932 9100
	Dubbo Office (regulation)	Dubbo Office (regulation) Ph: 02 6884 2560
Department of Primary Industries – Agriculture (DPI Agriculture)	Head office	Ph: 6391 3100
	Griffith (Centre for Irrigated Agriculture)	Ph: 6960 1300
	Goulburn (District Office – Agriculture)	Ph: 02 4824 3700
	Agriculture and biosecurity matters	Ph: 1800 808095
	Wagga Wagga Agricultural Institute	Ph: 6938 1999
Local Land Services	Griffith Office	Ph: 02 6960 1300
	Narrandera Office	Ph: 6958 1800



	Key Contact	Contact Detail
Narrandera Shire Council	Development and Environmental Services	Ph: 02 6959 5510 (8.15 am to 4.30 pm) or 0429 0437198 after hours Council Ranger Email: council@narrandera.nsw.gov.au
NSW Wildlife Information, Rescue and Education Service (WIRES)	Wildlife Rescue Line	Ph: 02 8977 3309 or 1300 094 737
Local Aboriginal Land Council	Leeton and District Local Aboriginal Land Council	Ph: 02 6953 4344
NSW Health	Ministry of Health	Ph: 02 9391 9000
	Albury Public Health Unit	Ph: 02 6053 4444
WorkCover NSW	Incident Notification Hotline (Response Management Team)	Ph: 131 050 <i>Select Option 3 to report a 'serious incident or fatality' - this will result in the incident being recorded and the appropriate person being contacted.</i>
Emergency Services	NSW Police Fire and Rescue NSW NSW Ambulance Service	Ph: 000
	State Emergency Services (SES)	Ph: 132 500
	Bushfire Information Line	Ph: 1800 679 737

3.2 Roles and Responsibility

The key personnel responsible for operational environmental management are listed in Table 8.

Table 8: Roles and Responsibilities

Role	Responsibilities
ProTen Site Management	<ul style="list-style-type: none"> Overall responsibility for environmental management and compliance with the Development Consent and relevant legislation; Coordinate routine environmental site inspections and maintenance; Coordinate necessary environmental reporting and regulatory authority liaisons; Record, notify, investigate and respond to any complaints and/or enquiries and, where necessary, develop and implement corrective actions; Record, notify, investigate and respond to any environmental incidents and, where necessary, develop and implement corrective actions; Oversee the implementation of this OEMP and provide adequate resources to enable implementation of this OEMP; and Provide adequate environmental inductions/training to employees and contractors regarding their requirements under this OEMP
Environmental Representative (under the direction of ProTen Site Management)	<ul style="list-style-type: none"> Overall responsibility for environmental management and compliance with the Development Consent and relevant legislation; Principal point of advice in relation to environmental performance of the Development



Role	Responsibilities
	<ul style="list-style-type: none"> • Monitor the implementation of environmental management plans and monitoring programs required under this consent and advise the Applicant upon the achievement of these plans/ programs; • Responsible for considering and advising in relation to matters specified in consent. • Authority to approve / reject minor amendments to OEMP. • Responsible for ensuring steps are taken to avoid or minimise unintended or adverse environmental impacts, and failing the effectiveness of such steps, to direct that relevant actions be ceased immediately should an adverse impact on the environment be likely to occur. • Consult community concerning environmental performance and resolving any points of conflict between ProTen and community if required.
All employees and contractors	<ul style="list-style-type: none"> • Ensure familiarity, implementation and compliance with this OEMP and appended management plans; • Support ProTen's commitment to environmental management and compliance; • Work in a manner that will not harm the environment or impact on surrounding receptors; • Report all environmental incidents and complaints to ProTen Site Management without delay; and • Report any inappropriate operational and/or environmental management practices to ProTen Site Management without delay.

3.3 Regulatory Framework

3.3.1 Development Consent

The Development will be constructed in accordance with Development Consent SSD 6882 and also in accordance with the other documents referenced under condition A2 of the Consent:

- The EIS (SLR 2015a) and the appendices contained within.
- The RTS (SLR 2015b) and the appendices contained within.
- The Management and Mitigation Measures attached to the Development Consent as Appendix 1, which have been replicated from the EIS (SLR 2015a);
- The plans and drawings attached to the Development Consent as Appendix 2, which have been sourced from the EIS (SLR 2015a) and RTS (SLR 2015b); and
- The Euroley Poultry Farm SSD-6882 Modification Application (PSA Consulting 2023).

If there is any inconsistency between the plans and documentation referred to in condition A2, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of Development Consent SSD 6882 prevail to the extent of any inconsistency.

A copy of Development Consent SSD 6882 is attached as Appendix A.

3.3.2 Environmental Protection License

As a result of having the capacity to accommodate more than 250,000 birds at any time, the Development is a premises-based activity under Schedule 1 of the Protection of the Environment Operations Act 1997 (POEO Act) requiring the occupier to hold an Environment Protection Licence (EPL) administered by the EPA.

The Development will operate under the provisions of EPL 20748, as issued by the EPA. A copy of EPL 20748 is contained within Appendix B.



An EPL variation was submitted to the EPA on 1st of July 2024, to align with Modification 1.

3.3.3 Water Access License

A water access licence (WAL 11788) permitting the abstraction of 488 megalitres per year (ML/year) has been transferred to the Development Site to allow extraction of water from the two groundwater production bores (see Figure 2) installed at the Development Site. These bores access the Deep Aquifer (Calivil Formation) in accordance with the WAL conditions and are capable of a maximum pump rate of 7 ML/day. A copy of WAL 11788 is contained in Appendix C.

3.3.4 Other Statutory Obligations

There are various statutory instruments administered by Commonwealth, State and local government agencies that apply to the Development. These include, but are not limited to, legislative acts and their associated regulations, and planning instruments.

ProTen has a responsibility to ensure that the operation of the Development meets the requirements of all applicable statutory obligations. Where necessary, ProTen should consult with the relevant government agencies and/or seek professional advice/assistance from its environmental consultant(s).

3.4 Inductions and Training

ProTen Site Management will ensure that all employees and contractors involved with the operation of the Development are suitable inducted and trained prior to commencing any work on site. Training in relation to environmental responsibilities and implementation of this OEMP will take place initially through the site induction and then on an on-going basis through “toolbox talks” (or similar).

The topics to be covered during the induction and toolbox talks include (but are not limited to):

- General site maintenance and management expectations and requirements;
- Familiarisation with site environmental management and mitigation measures in this OEMP;
- The Driver Code of Conduct contained in Appendix D;
- The fauna management protocol outlined in Section 4.7.2;
- The location and management of Aboriginal heritage items/sites as outlined in Section 4.8;
- The unexpected finds protocol for Aboriginal heritage items/sites as outlined in Section 4.8.1;
- Waste avoidance and management strategies as summarised in Section 4.10;
- Biosecurity measures, clinical signs of sick/injured birds and actions to be undertaken in the unlikely event of an emergency animal disease (EAD) as detailed in Appendix L;
- Appropriate response and management of environmental incidents in accordance with the protocol detailed in Section 9; and
- Appropriate response and management of complaints received from the public, government agencies or other stakeholders in accordance with the protocol detailed in Section 8.



Records of all inductions and training undertaken will be recorded in a Training Register.



4.0 Environmental Management Measure

Key environmental issues associated with the Development are identified and addressed in the EIS (SLR 2015a) and RTS (SLR 2015b) and a suite of development design, best management practices and mitigation measures have been committed to minimise the potential for adverse impact on the local environment and surrounding populace. These environmental mitigation and management measures, along with additional controls and monitoring requirements from the various management plans appended to the OEMP, are summarised in the following sections.

4.1 General

Table 9 outlines the general environmental controls that will be implemented throughout life of the Development to minimise the potential for adverse impacts on the local environmental and surrounding receptors.

Table 9: General Construction Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Notes
ProTen will implement all practicable measures to prevent or minimise any harm to the environment that may result from the commissioning and operation of the Development.	ProTen Site Management	On-going	<ul style="list-style-type: none"> Consent Condition A1
ProTen will carry out the Development generally in accordance with Development Consent SSD 6882, the EIS (SLR 2015a) and the RTS (SLR 2015b).	ProTen Site Management	On-going	<ul style="list-style-type: none"> Consent Condition A2
The Development will not exceed a maximum population of 3.92 million broilers at any one time.	ProTen Site Management	Prior to construction of intersection in line with Condition B14	<ul style="list-style-type: none"> Condition A6
The development will not exceed a maximum population of 4.4608 million broilers in one day at the commencement of each production cycle.	ProTen Site Management	After construction of intersection in line with B14	<ul style="list-style-type: none"> Consent Condition A6A EPL Condition L4.1
The stocking densities of the Development will comply with the standards detailed in <i>National Animal Welfare Standards for the Chicken Meat Industry</i> (Australian Poultry CRC 2008) at all times.	ProTen Site Management	On-going	<ul style="list-style-type: none"> Condition A6
The Development will operate 24 hours a day, seven days per week, with the majority of activities carried out between 7:00 am and 7:00 pm.	ProTen Site Management	On-going	<ul style="list-style-type: none"> EIS
The complaints and incident management strategies contained within Sections 8 and 9 will be implemented to ensure that all complaints and incidents relating to the Development are promptly and effectively addressed.	All employees and contractors	On-going	<ul style="list-style-type: none"> EIS
Employees and contractors involved with the operation of the Development will be suitably inducted and trained prior to commencing any work on site as outlined in Section 3.4.	ProTen Site Management	Inductions prior to work commencing. Regular/as needed toolbox talks.	<ul style="list-style-type: none"> EIS



4.2 Odour Management

An *Air Quality Management Plan* (AQMP) (SLR 2024) has been prepared for the Development in accordance with Condition B3 of Development Consent SSD 6882 and is contained within Appendix E.

The following sources have been identified as the primary potential sources of odour emissions during the operation of the Development:

- Shed operations during the bird growing phase.
- Shed operations during shed cleanout.
- Dead birds; and
- Spilt litter during cleanout.

Based on the number of surrounding residences and population, an odour ground-level concentration criterion of 6 odour units (OU) was adopted for the Development in the RTS (SLR 2015b). This is the odour criterion not to be exceeded more than one percent of the time.

ProTen understands that odour issues are directly related to farm operation, with good management practices playing a significant role in reducing the potential for emissions. The environmental controls listed in Table 10 will be implemented to minimise the potential for adverse odour emissions. The appended AQMP (SLR 2024) should be referred to for further detail.

Table 10: Odour Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Note
Shed Operations During Bird Growing Phase			
The Development will not exceed a maximum population of 3.92 million broilers at any one time. To be confirmed by batch records.	ProTen Site Management	Prior to construction of intersection in line with Condition B14	<ul style="list-style-type: none"> • Consent Condition A6 • EPL Condition L4.1
The development will not exceed a maximum population of 4.4608 million broilers at any one time. To be confirmed by batch records	ProTen Site Management	After construction of intersection in line with B14	<ul style="list-style-type: none"> • Consent Condition A6A • EPL Condition L4.1
The stocking densities of the Development will comply with the standards detailed in <i>National Animal Welfare Standards for the Chicken Meat Industry</i> (Australian Poultry CRC 2008) at all times. To be confirmed by batch records.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • Consent Condition A6
Shed stocking densities and bird health within the poultry sheds will be regularly checked and, if necessary, appropriate corrective measure implemented.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP • EIS
The poultry shed ventilation systems and evaporative cooling systems will be maintained to ensure air movement is at design level.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP • EIS
Bird drinkers will be maintained and repaired to minimise leakage that will result in wet patches in the shed litter.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP • EIS



Control	Responsibility	Timing / Frequency	Reference / Note
A minimum depth of 45 mm of uncompacted fresh bedding material will be laid throughout the sheds at the start of the batch.	ProTen Site Management	Prior to new batch	<ul style="list-style-type: none"> • AQMP
Bedding material moisture will be regularly checked and maintained to avoid becoming wet.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP • EIS
Very wet and sticky bedding material associated with drinker spills will be replaced with fresh litter as soon as practicable.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP • EIS
Where possible, activities that may increase odour emissions (for example, bedding material replacement) will be undertaken during daytime hours.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP
Stormwater drains around the sheds will be maintained to ensure that water does not pond around the sheds.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP
Shed walls and roofs will be maintained and leaks repaired immediately to prevent wet patches in the litter.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP
Shed access points will remain closed at all times other than for the purposes of allowing access to the sheds.	All employees and contractors	On-going	<ul style="list-style-type: none"> • AQMP
Landscape plantings (vegetation screens) will be established around the perimeter of each PPU in accordance with the LMP in Appendix F .	ProTen Site Management	Following bulk earthworks and construction	<ul style="list-style-type: none"> • LMP • EIS
Bird drinkers will be maintained and repaired to minimise leakage that will result in wet patches in the shed litter.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP • EIS
Shed Operations During Shed Cleanout			
Litter will be promptly transported off-site in covered trucks at the end of each batch. Where possible, litter handling will be avoided during adverse climatic conditions, such as times of cold air drainage during early morning and strong winds. The shed ventilation systems will not be used during litter removal.	ProTen Site Management	End of batch	<ul style="list-style-type: none"> • AQMP • Consent Condition B7 • EIS
Any litter spillages will be promptly cleaned up.	All employees and contractors	End of batch	<ul style="list-style-type: none"> • AQMP
Litter will not be stockpiled or spread within the Development Site.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • EIS
Dead Birds			
Dead birds will be collected from the sheds on a daily basis and stored in an enclosed on-site coolroom/chiller prior to being removed from site.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP • EIS
The dead bird coolroom/chiller will be kept closed while awaiting collection and will not be allowed to overflow.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP
Meteorology Monitoring			



Control	Responsibility	Timing / Frequency	Reference / Note
A suitable meteorological station will be installed and maintained within the Site to continuously monitoring the following parameters: <ul style="list-style-type: none"> • Wind speed and direction at 10 m; • Temperature at 10 m and 2 m; • Rainfall 	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • Consent Condition B5

4.3 Dust Management

The AQMP (SLR 2024) prepared for the Development in accordance with Condition B3 of Development Consent SSD 6882 also addresses dust emissions. A copy of the AQMP is contained within Appendix E. The following sources have been identified as the primary potential sources of operational dust emissions from the Development:

- Wheel generated dust from unsealed roadways;
- Dust emissions from sheds;
- Materials handling and transfer (i.e. litter placement and removal); and
- Windblown dust from open areas.

Table 11 lists the criteria for particulate matter adopted in the EIS (SLR 2015a).

Table 11: Particulate Matter Criteria

Pollutant	Agency	Criterion	Averaging Time
PM ₁₀	EPA	50 µg/m ³	24-Hour Maximum
		30 µg/m ³	Annual Mean

The environmental controls listed in Table 12 will be implemented to minimise the potential for adverse dust emissions. The appended AQMP (PEL 2016) should be referred to for further detail.

Table 12: Dust Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Notes
Wheel Generated Dust from Unsealed Roadways			
Vehicles will not exceed a general speed limit of 60 km/hour along the access road from the Sturt Highway and within the Development Site, with a reduced speed limit of 40 km/hour in the vicinity of all work sites.	All employees and contractors	On-going	<ul style="list-style-type: none"> • Consent Condition B7 • EIS
Internal traffic will be restricted to designated access roads (except in the event of an emergency or incident).	All employees and contractors	On-going	<ul style="list-style-type: none"> • AQMP
Internal roads will be appropriately maintained.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP • EIS
When necessary, internal roads will be "wetted down" during dry periods	ProTen Site Management	On-going	<ul style="list-style-type: none"> • AQMP
Loaded vehicles leaving the Site will be cleaned of dirt, sand and other materials	All employees and contractors	On-going	<ul style="list-style-type: none"> • AQMP



Control	Responsibility	Timing / Frequency	Reference / Notes
to avoid tracking these materials on to the public road network.			<ul style="list-style-type: none"> Consent Condition B7
Heavy vehicles will not use engine breaks.	All employees and contractors	On-going	<ul style="list-style-type: none"> AQMP Consent Condition B7
Dust Emission from Poultry Sheds			
Landscape plantings (vegetation screens) will be established around the perimeter of each PPU in accordance with the LMP in Appendix F .	ProTen Site Management	Following bulk earthworks / construction	<ul style="list-style-type: none"> AQMP LMP EIS
The bedding material will be managed to ensure that moisture levels do not drop below approximately 15%.	ProTen Site Management	On-going	<ul style="list-style-type: none"> AQMP
The poultry shed ventilation systems will be maintained to ensure optimal operating condition and air movement is at design level.	ProTen Site Management	On-going	<ul style="list-style-type: none"> EIS
Sheds will be thoroughly cleaned between batches, with a focus on the fan end of the sheds.	ProTen Site Management	End of batch	<ul style="list-style-type: none"> AQMP EIS
Materials Handling and Transfer			
Bedding material/litter will be placed in to the sheds and loaded in to trucks in a manner that limits drop heights.	ProTen Site Management	Prior to new batch and end of batch	<ul style="list-style-type: none"> AQMP
When possible, placement and removal of bedding material will be limited to daytime hours to avoid adverse weather conditions.	ProTen Site Management	Prior to new batch and end of batch	<ul style="list-style-type: none"> AQMP
If necessary, the top layer of bedding material/litter will be "wetted down" prior to movement if dust generation is likely (e.g. dry conditions and adverse weather conditions).	ProTen Site Management	Prior to new batch and end of batch.	<ul style="list-style-type: none"> AQMP
Litter will be promptly transported off site in covered trucks at the end of each batch.	ProTen Site Management	End of batch	<ul style="list-style-type: none"> AQMP Consent Condition B7 EPL Condition O3.2

4.4 Noise Management

Noise impacts have been demonstrated to not be an issue for well managed poultry broiler production operations. Furthermore, the Development Site offers several advantages in terms of potential noise impacts, including being removed from any urban areas, low density of surrounding privately-owned residences and significant separation distances.

Table 13 lists the noise criteria imposed by conditions B32 and B33 of Development Consent SSD 6882.



Table 13: Noise Criteria

Location	Day	Evening	Night	
	LAeq(15min)	LAeq(15min)	LAeq(15min)	LA1(1min)
Privately-owned residences	35	35	35	45
<p><i>Note: Noise generated by the Development is to be measured in accordance with the relevant procedures and exemptions (including certain meteorological conditions) of the NSW Industrial Noise Policy (EPA 2000) (INP). Appendix 9 of the INP sets out the the meteorological conditions under which this criterion applies.</i></p>				
<p>Noise Modifying Factors</p> <p>If noise from an activity is substantially tonal, intermittent or impulsive in nature or contains major components within the low frequency range (as described in Chapter 4 of the INP [EPA 2000]), 5 dBA shall be added to the measured noise level when comparing the measured noise with the above noise limits as specified in Table 4.1 of the INP.</p>				

The environmental controls listed in Table 14 will be implemented to minimise the potential for adverse noise impacts at the nearest receptor locations during operation of the Development.

Table 14: Noise Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Note
Plant and equipment operators will be appropriately instructed on how to minimise noise generation at all times.	ProTen Site Management	On-going	<ul style="list-style-type: none"> EIS
Noise generating equipment purchased by the operator will comply with relevant occupational health and safety requirements.	ProTen Site Management	On-going	<ul style="list-style-type: none"> EIS
Plant and equipment will be maintained to meet regulatory and industry standards, as well as ensure optimal operating conditions.	ProTen Site Management	On-going	<ul style="list-style-type: none"> EIS
Emergency standby diesel generators will only be used when power from the electricity grid is lost and they will be appropriately housed to minimise noise emissions.	ProTen Site Management	On-going	<ul style="list-style-type: none"> EIS
Vehicles will not exceed a general speed limit of 60 km/hour along the access road from the Sturt Highway and within the Development Site, with a reduced speed limit of 40 km/hour in the vicinity of all work sites.	All employees and contractors	On-going	<ul style="list-style-type: none"> Consent Condition B7 EIS
Internal roads will be appropriately maintained.	ProTen Site Management	On-going	<ul style="list-style-type: none"> EIS
A unidirectional traffic movement system, via a one-way circulation road around each PPU, will be maintained to minimise the use of reversing alarms.	ProTen Site Management	On-going	<ul style="list-style-type: none"> EIS
Suitable signage will be erected to direct traffic, limit traffic speed and minimise night time noise levels.	ProTen Site Management	On-going	<ul style="list-style-type: none"> EIS
Larger heavy vehicles will follow available designated B-double routes when travelling to and from the Site.	All employees and contractors	On-going	<ul style="list-style-type: none"> EIS



4.5 Traffic Management

The environmental controls listed in Table 15 will be implemented to minimise the potential for adverse traffic-related impacts from the Development.

Table 15: Traffic Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Note
All traffic will enter and exit the Development Site via the Sturt Highway intersection and access road.	All employees and contractors	On-going	• EIS
Suitable signage will be erected to direct traffic and limit traffic speed.	ProTen Site Management	Prior to operation	• EIS
A unidirectional traffic movement system, via a one-way circulation road around each PPU, will be maintained.	ProTen Site Management	On-going	• EIS
Vehicles will not exceed a general speed limit of 60 km/hour along the access road from the Sturt Highway and within the Development Site, with a reduced speed limit of 40 km/hour to be adopted in the vicinity of all work sites.	All employees and contractors	On-going	• Consent Condition B7 • EIS
Internal roads will be appropriately maintained.	ProTen Site Management	On-going	• EIS
Internal traffic will be restricted to designated access roads (except in the event of an emergency or incident).	All employees and contractors	On-going	
Internal roads will be maintained clear of obstruction and used exclusively for the purposes of transport, loading-unloading and parking.	ProTen Site Management	On-going	• EIS
There will be no parking along the Sturt Highway.	All employees and contractors	On-going	
Larger heavy vehicles will follow available designated A-Doubles routes when travelling to and from the Site.	All employees and contractors	On-going	• EIS
All drivers will read and sign the Driver Code of Conduct in Appendix D.	ProTen Site Management	As required for any drivers	



4.6 Water Management

A *Water Management Plan (WMP)* (SLR 2024) has been prepared for the Development in accordance with condition B45 of Development Consent SSD 6882 and is contained within Appendix G.

For the purposes of clarifying allowable activities with respect to water management, different water classifications and objectives for water management have been identified. Table 16 lists the classes of water within the Development Site, describes their source, the target design objectives/performance criteria and the way each class is to be managed.

Table 16: Water Sources and Management Systems

Water Resource Classification	Description and Source of Water	Target Design Objective	Treatment
Dirty Water	Sediment laden runoff produced from exposed soils and disturbed surfaces. Generally characterised by a high turbidity and sediment load. Generally associated with temporary construction activities and unsealed access roads.	Based on Blue Book criteria (depends on the size and duration of the disturbance).	Dirty water runoff will be contained within sediment basins or passed through sediment control devices to detain sediment and reduce turbidity before discharge to the natural environment.
Wash Down Water	Water produced from the cleaning and wash down of the PPUs. Characterised by elevated nutrient levels.	An engineered surface water management system at each PPU has been designed with the total storage on site equivalent to 170% of the storage capacity required to contain runoff from a 100 year annual recurrent interval (ARI), 72 hour flood event.	Wash down water will be directed to grassed swale drains between the poultry sheds designed to allow infiltration of the water into the topsoil for effective nutrient uptake by the grass. During heavy rainfall events, excess water from the swales will be conveyed via pipes under the PPU ring road and in to a table drain installed around the PPU perimeter. The table drain will convey the water to one of four small sediment dams located at the corners of each PPU.
Clean Water	Surface water runoff produced from undisturbed clean water catchments such as forested areas or open pastures. Characterised by low turbidity and low nutrient content.	Clean water diversions designed, installed and maintained to convey a 100 year ARI rainfall event.	Where required, clean water will be diverted around disturbance areas and released to the natural environment.
Groundwater	Groundwater contained within the aquifers.	N/A	Groundwater will be extracted to meet operational water requirements.



Water Resource Classification	Description and Source of Water	Target Design Objective	Treatment
Sewage	Sewage produced from staff amenities and residences.	Designed, installed and managed in accordance with relevant council guidelines.	Sewage will be treated and disposed of via on-site aerated wastewater management systems.

The environmental controls listed in Table 17 will be implemented to safeguard local water resources and/or minimise and manage the potential for adverse impact. The WMP (SLR 2024) in Appendix G should be referred to for details regarding the engineered surface water management system.

Table 17: Water Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Note
Surface Water Management System			
The surface water management systems will be visually inspected on a monthly basis, as well as prior to any predicted significant rainfall event and following significant rainfall events. Where water management or ESC structures are identified to have reduced capacity due to excessive sediment build-up or scouring, rectification works (desilting, regrading and/or reshaping) will be undertaken to ensure the structures maintain their design capacity and can handle subsequent rainfall events.	ProTen Site Management	Monthly; Prior to predicted significant rainfall event; and Following significant rainfall event,	• WMP
The grassed swale drains between the poultry sheds will be carefully managed to minimise soil disturbance and maximise infiltration of runoff, as well as regularly slashed to encourage continual grass growth and associated nutrient up-take.	ProTen Site Management	On-going	• WMP
Dry-cleaning practices at the end of each batch will be maximised within the sheds prior to washing with water to minimise the volume of wash water, along with the amount of poultry litter (and associated sediments and nutrients) washed out of the sheds.	ProTen Site Management	End of batch	• WMP
Erosion and Sediment Control (ESC)			
Appropriate ESC structures and management measures will be installed and maintained in accordance with the <i>Blue Book</i> (Landcom 2004) and <i>Erosion and Sediment Control on Unsealed Roads</i> (OEH 2012). See Section 6 of the WMP in Appendix G.	ProTen Site Management	On-going	• WMP
Appropriate ESC measures will be installed for any new disturbance activity to contain and treat any dirty water runoff.	ProTen Site Management	Prior to any new disturbance activity	• WMP
Internal traffic will be restricted to designated access roads (except in the event of an emergency or incident).	All employees and contractors	On-going	• WMP
Disturbed areas will be promptly rehabilitated and revegetated to a stable landform following the completion of disturbance activities. See Section 6.3 of the WMP in Appendix G for details.	ProTen Site Management	Immediately following disturbance activities	• WMP
An on-going inspection and maintenance program will be implemented to ensure the continued integrity of ESC structures.	ProTen Site Management	Monthly;	• WMP



Control	Responsibility	Timing / Frequency	Reference / Note
		Prior to predicted significant rainfall event; and Following significant rainfall event,	
General			
Waste streams will be managed in accordance with the <i>Waste Management Plan</i> in Appendix H to ensure that waste is effectively managed and disposed of off site. There will not be any on-site stockpiling or disposal of waste materials.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • WMP • <i>Waste Mgt Plan</i> • EIS
The best management practices and mitigation measures for chemicals and fuels described in the <i>Emergency Plan</i> and <i>Addendum Report</i> in Appendix I will be implemented.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • WMP • <i>Emergency Plan</i> • <i>Addendum Report</i>
Should a chemical/fuel overflow or spill event occur, it will be dealt with according to the <i>Emergency Plan</i> and <i>Addendum Report</i> in Appendix I.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • WMP • <i>Emergency Plan</i> • <i>Addendum Report</i>
Surface Water and Groundwater Monitoring and Remediation Work			
On-going surface water and groundwater monitoring activities will be undertaken as detailed in the WMP in Appendix G and summarised in Table 25.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • WMP

4.7 Biodiversity Management

A *Biodiversity Management Plan* (BMP) (SLR 2024) has been prepared for the Development in accordance with condition B12 of Development Consent SSD 6882 and is contained within Appendix J.

SLR (2024) identified the following operational activities that could potentially affect native flora and fauna within the Development Site:

- Vehicle movements, which could result in vehicle strike of native birds and ground fauna (mainly reptiles and mammals);
- Introduction or spread of weeds and/or plant pathogens, primarily via vehicle movements;
- Dust generation, which can adversely affect plant growth;
- Excessive noise, which can inhibit or modify behaviour of certain native animals or cause dispersal from the noise source; and
- Lighting, which can adversely affect nocturnal fauna through eye-shine and exposure to predators.

The environmental controls listed in Table 18 will be implemented to minimise the potential for impacts to biodiversity.



Table 18: Biodiversity Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Notes
A minimum 100 m buffer will be maintained between any construction/ disturbance activities (including revegetation sites and vehicle access tracks) and the boundary of areas of remnant vegetation and the South West Woodland Nature Reserve as shown on Figure 4.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP • RTS
Appropriate ESC structures and management measures will be installed and maintained in accordance with the <i>Blue Book</i> (Landcom 2004) and <i>Erosion and Sediment Control on Unsealed Roads</i> (OEH 2012). See Section 6 of the WMP in Appendix G.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP • WMP
If any native fauna are by chance injured during operations, WIRES will be contacted to arrange proper care for the animal. WIRES will also be contacted to remove any bats discovered within the poultry sheds..	All employees and contractors	On-going	<ul style="list-style-type: none"> • BMP
The <i>Fauna Management Protocol</i> in Section 4.7.2 will be followed (as required) for the identification and management of any rescued fauna.	All employees and contractors	On-going	<ul style="list-style-type: none"> • BMP
Rubbish (such as food scraps and waste) will be properly managed and will not be stockpiled within areas of native vegetation.	All employees and contractors	On-going	<ul style="list-style-type: none"> • BMP
Suitable signage will be erected to direct traffic, limit traffic speed and minimise night time noise levels.	ProTen Site Management	Prior to operation	<ul style="list-style-type: none"> • BMP
Vehicles will not exceed a general speed limit of 60 km/hour along the access road from the Sturt Highway and within the Development Site, with a reduced speed limit of 40 km/hour to be adopted in the vicinity of all work sites.	All employees and contractors	On-going	<ul style="list-style-type: none"> • BMP • EIS
Internal access roads will be appropriately maintained to minimise dust and noise emissions and provide safe driving conditions.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP • EIS
Internal traffic will be restricted to designated access roads (except in the event of an emergency or incident).	All employees and contractors	On-going	<ul style="list-style-type: none"> • BMP
Emergency standby diesel generators will only be used when power from the electricity grid is lost and they will be appropriately housed to minimise noise emissions.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP • EIS
A unidirectional traffic movement system, via a one-way circulation road around each PPU, will be maintained to minimise the use of reversing alarms and potential traffic conflicts.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP • EIS
Efforts will be made to ensure the poultry sheds and other site buildings are fully enclosed and maintained in an attempt to exclude bats from roosting within the sheds/buildings.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP
Waste streams will be managed in accordance with the <i>Waste Management Plan</i> in Appendix H to ensure that waste is effectively managed and	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP • <i>Waste Mgt Plan</i> • EIS



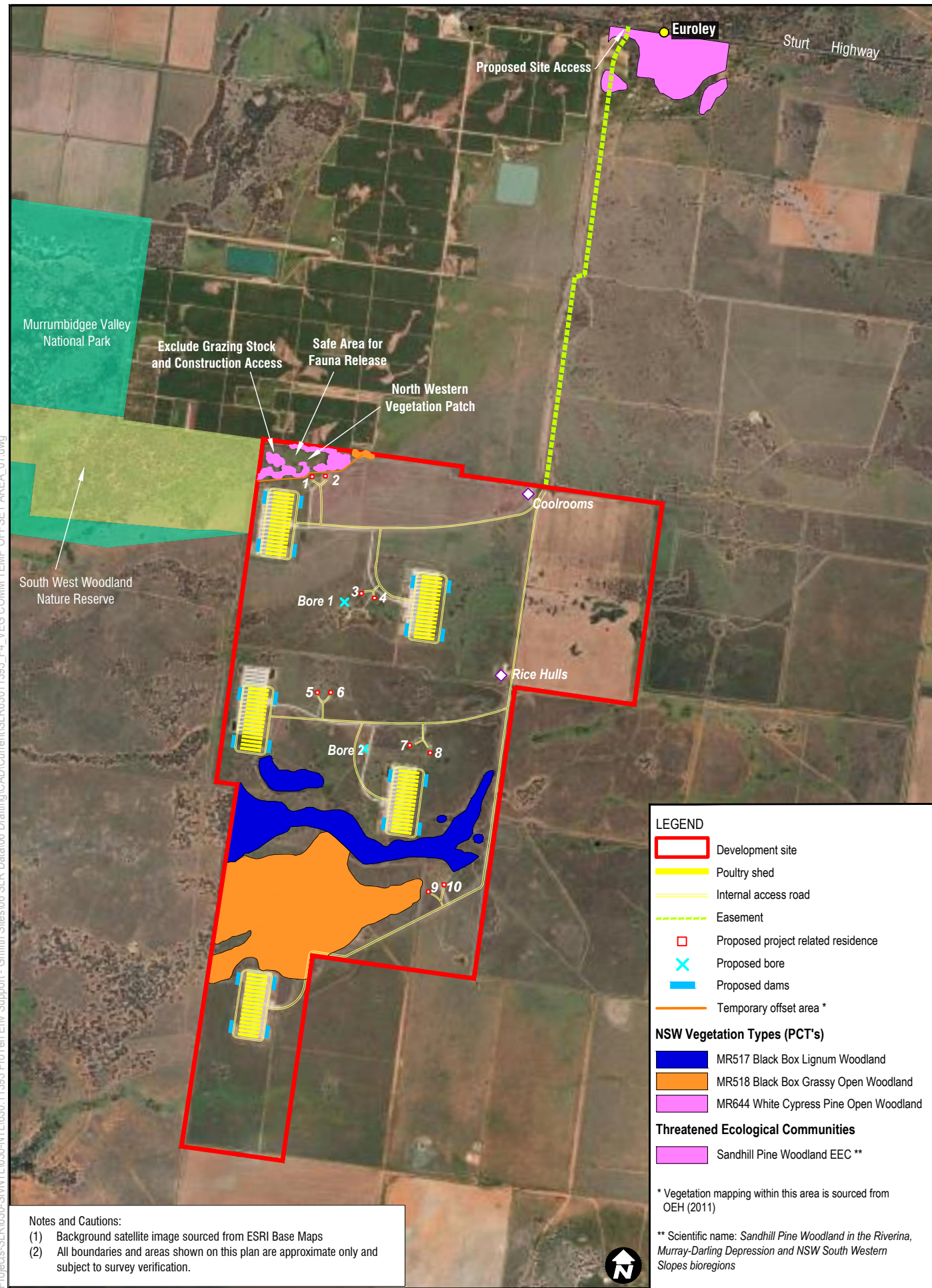
Control	Responsibility	Timing / Frequency	Reference / Notes
disposed of off site. There will not be any on-site stockpiling or disposal of waste materials.			
Outdoor light fixtures will be aimed downwards and will only be used when necessary during times of low light and/or heavy fog.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP • EIS
A wheel wash will be installed on the access road to each PPU in order to minimise the risk of spread of plant pathogens and weeds.	All employees and contractors	On-going	<ul style="list-style-type: none"> • BMP • EIS
Appropriate pest/vermin control measures will be implemented to prevent and control pest/vermin populations and outbreaks.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP • EIS
Landscaping Planting			
All revegetation works within 100 m of native vegetation (including EEC vegetation) will be undertaken with locally indigenous species as per Table 1 in the LMP in Appendix F.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP • LMP • RTS
Revegetation of disturbed areas using exotic sterile grass seed (see Section 3 of the LMP in Appendix F) is not to be undertaken within areas of existing native vegetation or within 100 m of native vegetation.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • BMP
Regular inspections of landscaping works will be undertaken, noting plant losses, threatening processes, vegetation condition, weeds and replacement tree planting requirements.	ProTen Site Management	Monthly for 6 months after planting; and Quarterly thereafter for 18 months from date of final planting or until plantings are observed to be well-established and healthy (whichever is longer).	<ul style="list-style-type: none"> • BMP • LMP
Temporary Offset Area			
A stock proof fence will be installed along southern (unfenced) perimeter of the Temporary Offset Area.	ProTen Site Management	Completed	<ul style="list-style-type: none"> • BMP • RTS
A baseline inspection of the Temporary Offset Area will be undertaken noting the presence of weeds, feral animals and EEC vegetation will be undertaken.	ProTen Site Management	Completed	<ul style="list-style-type: none"> • BMP
Regular inspections of the Temporary Offset Area fencing will be undertaken and repairs carried out as necessary.	ProTen Site Management	Quarterly for 12 months from installation (i.e. the "Credits Wanted" EOI period)	<ul style="list-style-type: none"> • BMP
Targeted weed control will be undertaken within the Temporary OffSet Area for any new records of weed infestation/noxious weed species recorded during inspections.	ProTen Site Management	As required during the 12 month "Credits Wanted" EOI period	<ul style="list-style-type: none"> • BMP



Control	Responsibility	Timing / Frequency	Reference / Notes
If the Temporary Offset Area is to become a more permanent offset area (i.e. if suitable credits have not been identified for purchase at the end of the 12 month EOI period), a detailed ecological survey (including establishment of one BioBanking plot) will be undertaken to confirm that the vegetation is Sandhill Pine Woodland EEC (or other vegetation type).	Qualified Ecologist	After 15 October 2016 if suitable credits have not been identified for purchase	<ul style="list-style-type: none"> • BMP • <i>Biodiversity Offset Strategy</i> (SLR 2015d)
If the Temporary Offset Area is to become a more permanent offset area (i.e. if suitable credits have not been identified for purchase at the end of the 12 month EOI period), appropriate management actions will be determined and undertaken in consultation with OEH.	Qualified Ecologist	After 15 October 2016 if suitable credits have not been identified for purchase	<ul style="list-style-type: none"> • BMP • <i>Biodiversity Offset Strategy</i> (SLR 2015d)
<p>If the Temporary Offset Area is to become a more permanent offset area (i.e. if suitable credits have not been identified for purchase at the end of the 12 month EOI period):</p> <ul style="list-style-type: none"> • Supplementary measures will be applied and suitable monetary fund deposit made; or • NPWS will be consulted on whether the land could be dedicated to the national park estate (i.e. potentially added to the South West Woodland Nature Reserve). 	Qualified Ecologist	After 15 October 2016 if suitable credits have not been identified for purchase	<ul style="list-style-type: none"> • BMP • <i>Biodiversity Offset Strategy</i> (SLR 2015d)



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Notes and Cautions:
 (1) Background satellite image sourced from ESRI Base Maps
 (2) All boundaries and areas shown on this plan are approximate only and subject to survey verification.

LEGEND

- Development site
- Poultry shed
- Internal access road
- Easement
- Proposed project related residence
- X Proposed bore
- Proposed dams
- Temporary offset area *

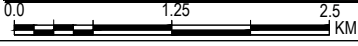
NSW Vegetation Types (PCT's)

- MR517 Black Box Lignum Woodland
- MR518 Black Box Grassy Open Woodland
- MR644 White Cypress Pine Open Woodland

Threatened Ecological Communities

- Sandhill Pine Woodland EEC **

* Vegetation mapping within this area is sourced from OEH (2011)
 ** Scientific name: Sandhill Pine Woodland in the Riverina, Murray-Darling Depression and NSW South Western Slopes bioregions



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VEGETATION AREAS AND TEMPORARY OFFSET AREA

FIGURE 4

4.7.1 Biodiversity Offset Strategy

Condition B10 of Development Consent SSD 6882 imposes the following:

The Applicant shall implement the strategy for offsetting impacts as described in the Biodiversity Offset Strategy at Appendix K of the RTS prepared by SLR (dated 31 August 2015) and developed in accordance with the Framework for Biodiversity Assessment (OEH 2014) and the NSW Biodiversity Offsets Policy for Major Projects (OEH 2014). The advertisement period for the Expression of Interest on the Office of Environment and Heritage's 'Credits Wanted' register will be 12 months.

In accordance with the Biodiversity Offset Strategy (SLR 2015d), the actions to be completed to fulfil the offset requirements for the Development are:

- Uploading an expression of interest (EOI) for the required ecosystem credits on the "Credits Wanted" register of the BioBanking Credit Register. This EOI was submitted on the 15 October 2015 for a period of 12 months.
- Monitor the availability of matching ecosystem credits during the 12 month advertisement period, including regularly checking the credit register for ecosystem credits that match the required type and number of credits, including "variation credits" from the same vegetation formations.
- Consult regularly with the OEH BioBanking Team and the Albury office of OEH on the availability of suitable credits during the advertisement period.
- During, or at the end of, the advertisement period (i.e. 15 October 2016), either:
 - Purchase like-for-like credits or if not available purchase "variation credits"; or if both credit types not available, then:
 - Conduct a detailed ecological survey of the Temporary Offset Area (including establishment of one BioBanking plot), as necessary, to confirm that the vegetation is Sandhill Pine Woodland EEC; and
 - Identified appropriate management actions (in consultation with OEH) for the Temporary Offset Area; and
 - Apply supplementary measures and calculate suitable monetary fund deposit; or
 - Consult with NPWS on whether the land could be dedicated to the national park estate (i.e. potentially added to the South West Woodland Nature Reserve).

4.7.2 Fauna Management Protocol

If any native fauna are by chance injured or impacted during operations, ProTen Site Management will contact NSW Wildlife Information Rescue and Education Service (WIRES) to arrange proper care for the animal.

In the event that any native fauna is injured or impacted upon during operation, the following Fauna Management Protocol will be followed:

- WIRES will be contacted (02 8977 3309 / 1300 094 737) to care for any injured animals (if required and available).
- If possible, any fauna fleeing an operational area will be directed to a safe area outside the Development's operational footprint or, if necessary, captured and relocated to a safe area.
- All fauna will be handled in a way as to prevent injury and unnecessary stress to the animal (and to the handler).



- All fauna that are required to be captured, and are uninjured, will be captured in a hessian bag (see note below) or ventilated box and relocated to a safe and appropriate location within the Temporary Offset Area (see Figure 4), which is to be protected from any disturbance. Relocation is to be undertaken on the same day as capture.
- Any fauna that is injured will be contained in a warm, dark and quiet place. The animal will be wrapped in a towel (or similar) and placed in a ventilated box. Site management will call WIRES (02 8977 3309 / 1300 094 737) for advice on the best course of action. This may include transporting the injured animal to the nearest vet or waiting for a rescuer to arrive at site.
- Wildlife captured, relocated and/or treated will be reported to WIRES.

Note: hessian bags are not suitable for birds or any animals with claws that could become stuck in the small holes or entangled in the fibres. If required, WIRES will be contacted for advice and/or to provide appropriate equipment for wildlife capture and care.

4.8 Aboriginal Heritage Management

An *Aboriginal Cultural Heritage Management Plan* (ACHMP) (OzArk 2024) has been prepared for the Development in accordance with condition B55 of Development Consent SSD 6882 and is contained within Appendix K.

Field surveys identified six Aboriginal heritage sites within the Development Site, comprising five scarred trees and one hearth (see Figure 5). While some of these sites are located within close proximity to Development infrastructure, they are not located within the Development footprint. Table 19 lists the environmental controls that will be implemented to avoid any impact on all Aboriginal heritage sites during the operation of the Development.

Table 19: Aboriginal Heritage Management and Mitigation Measures

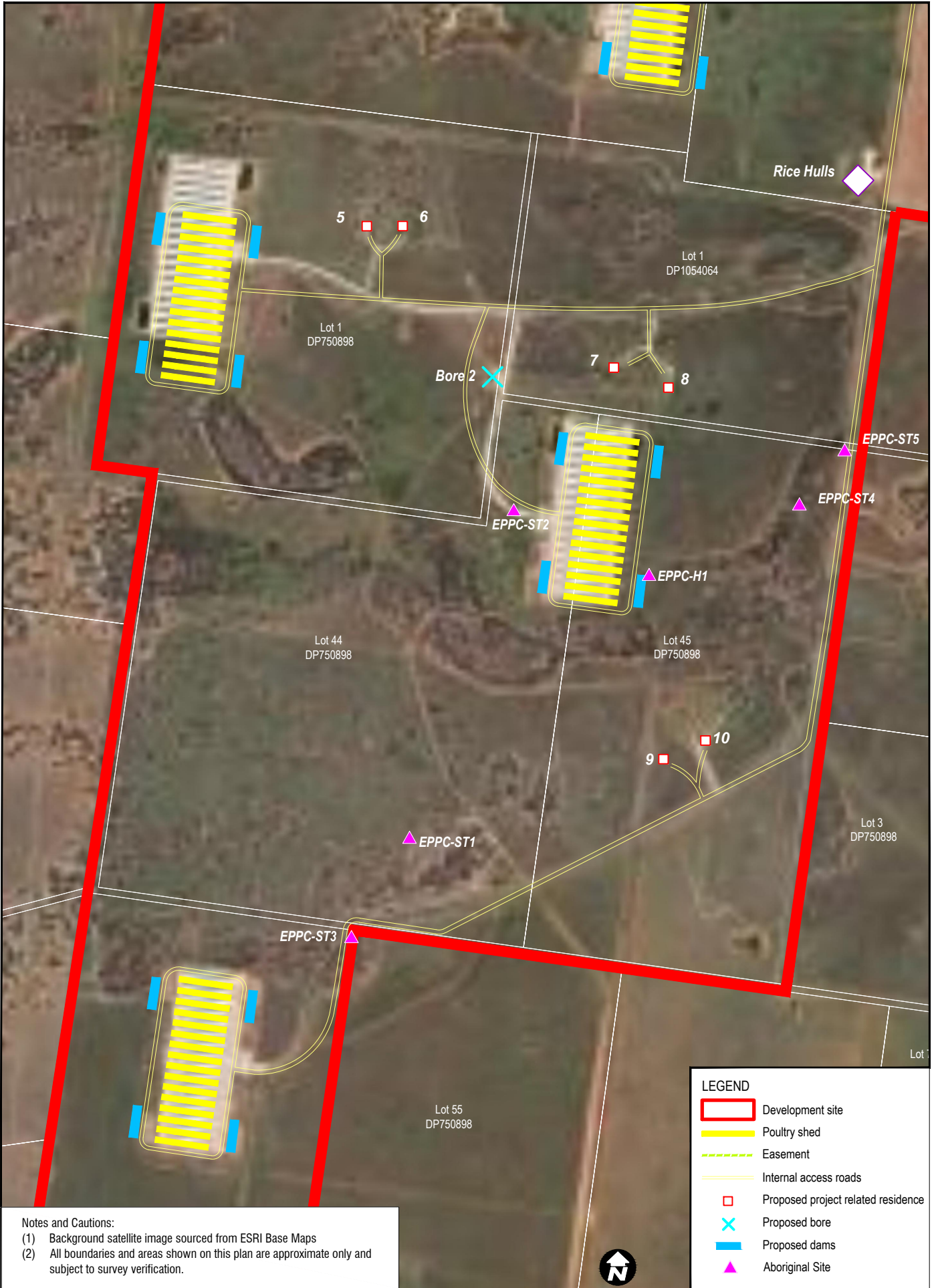
Control	Responsibility	Timing / Frequency	Reference / Notes
The six identified Aboriginal sites will be permanently fenced with a 10 m buffer. The fencing will be clearly visible and signed with "Do Not Enter".	ProTen Site Management	Completed	<ul style="list-style-type: none"> • ACHMP • Consent Condition B52 • EIS
<p>The following alternative mitigation measures will be implemented in the vicinity of the EPPC-ST5 scar tree to ensure the protection of the tree where road batters encroach within the 10 m buffer zone:</p> <p>a) No ground surface disturbing works (digging) will occur within the 10 m buffer zone.</p> <p>b) If the batter of a road needs to encroach within 10 m buffer zone, the batter will sit on the ground surface and will not be dug in, and it will be kept as far from the trunk of the tree as practicable.</p> <p>c) Sediment control measures will be put in place at the base of the batter to prevent any sediment run-off from the batter from accumulating at the base of the trunk.</p> <p>The material to be used in the batter will not chemically change the pH/acidity of the soils in the area such the tree may suffer poor health as a result.</p>	ProTen Site Management	Completed	<ul style="list-style-type: none"> • ACHMP



Control	Responsibility	Timing / Frequency	Reference / Notes
ProTen employees and contractors will be made aware of the presence of the six identified Aboriginal heritage sites during site inductions and training.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • ACHMP • EIS
If the scarred trees naturally fall over, the Leeton and District Local Aboriginal Land Council will be contacted to discuss if further management is required and, if so, what the appropriate management would be.	ProTen Site Management	If required	<ul style="list-style-type: none"> • ACHMP
Any alterations to the Development footprint that are outside of the study areas of the Aboriginal heritage field surveys will be assessed in accordance with the <i>Due Diligence Code of Practice for the Protection of Aboriginal Objects in New South Wales</i> .	Qualified Archaeologist	If required	<ul style="list-style-type: none"> • ACHMP
If an Aboriginal object/place is known to be directly or indirectly impacted, an application to OEH will be made for an Aboriginal Heritage Impact Permit (AHIP).	Qualified Archaeologist	If required	<ul style="list-style-type: none"> • ACHMP • Consent Condition B54
Should any Aboriginal objects be uncovered during operations the <i>Unexpected Finds Protocol</i> in Section 4.8.1 will be followed.	All employees and contractors	If required	<ul style="list-style-type: none"> • ACHMP

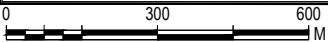


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Notes and Cautions:
 (1) Background satellite image sourced from ESRI Base Maps
 (2) All boundaries and areas shown on this plan are approximate only and subject to survey verification.

LEGEND	
	Development site
	Poultry shed
	Easement
	Internal access roads
	Proposed project related residence
	Proposed bore
	Proposed dams
	Aboriginal Site



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4.8.1 Unexpected Finds Protocol

The following Unexpected Finds Protocol will be followed in the event that previously unrecorded or unanticipated Aboriginal object(s) are encountered:

- 1 All ground surface disturbance in the area of the find(s) will cease immediately after the find(s) are uncovered.
 - a) The discoverer of the find(s) will notify machinery operators in the immediate vicinity of the find(s) so that work can be halted; and
 - b) The site supervisor will be informed of the find(s).
- 2 If there is substantial doubt regarding an Aboriginal origin for the find(s), then a qualified opinion from an archaeologist will be gained as soon as possible. This can circumvent proceeding further along the protocol for items which turn out not to be archaeological. If a quick opinion cannot be gained, or the identification is positive, then proceed to the next step.
- 3 The following authorities or personnel will be immediately notified of the discovery:
 - a) OEH; and
 - b) Leeton and District Local Aboriginal Land Council (L&D LALC).
- 4 In co-operation with the appropriate authorities and relevant Aboriginal community representatives, the following will be facilitates:
 - a) The recording and assessment of the find(s);
 - b) Fulfilling any legal constraints arising from the find(s). This will include complying with OEH directions; and
 - c) The development and conduct of appropriate management strategies. Strategies will depend on consultation with L&D LALC and the assessment of the significance of the find(s);
- 5 Where the find(s) are determined to be Aboriginal objects, any re-commencement of construction/operation related ground surface disturbance may only resume in the area of the find(s) following compliance with any consequential legal requirements.

Should suspected ancestral human remains be encountered, the following process will be adhered to:

- The remains will not be further disturb or moved;
- Work will immediately cease in the vicinity and the area cordoned off;
- NSW Police will be notified;
- The OEH's Environment Line (131 555) will be notified as soon as practicable and available details of the remains and their location provided; and
- Work will not re-commence in the area unless authorised in writing by OEH.

4.9 Potentially Hazardous Goods

An *Emergency Plan* (SLR 2024) and *Addendum Report* (GHD 2020) has been prepared for the Development in accordance with condition B25 of Development Consent SSD 6882 and is contained within Appendix I. The *Emergency Plan* and *Addendum Report* also fulfils the need for a Pollution Incident Response Management Plan (PIRMP) as agreed to with the EPA.



The Emergency Plan (SLR 2024) and Addendum Report (GHD 2020) contain an inventory of hazardous substances, chemicals and fuels, including storage locations and volumes. The only chemicals and fuels will be used at the Development will be for the following purposes:

- Liquid petroleum gas (LPG), petrol and diesel for power and equipment requirements.
- Sanitation products used in the poultry sheds during the cleaning phase at the end of each batch.
- Sanitation products for the wheel wash facilities and foot baths.
- Disinfectant for the water supply.
- Pest and vermin control products (when necessary); and
- Weed control products (when necessary).

The environmental controls listed in Table 20 will be implemented to minimise the potential for environmental incidents relating to the storage, handling and transport of potentially hazardous goods. The appended Emergency Plan (SLR 2024) and Addendum Report (GHD 2020) should be referred to for further detail.

Table 20: Potentially Hazardous Goods Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference
LPG			
The above-ground LPG storage tanks will be installed and maintained to comply with the following requirements for ventilation, access and set up: <ul style="list-style-type: none"> • In the open air, outside of buildings; • Nearby construction, fences, walls, vapour barriers and the like will permit free access around the tanks and cross-ventilation; and The largest tank will have a diameter of 1.2 m and, as such, adjacent tanks will be separated by 1.2 m.	Elgas and ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i> • <i>Preliminary Hazard Analysis (SLR 2015e)</i>
LPG storage at each PPU will be maintained in accordance with the relevant requirements of <i>AS/NZS 1596:2014 The Storage and Handling of LP Gas</i> for both public places (i.e. South West Woodland Nature Reserve and residences) and private places (i.e. buildings where people are employed or reside within the Site). This includes minimum separation distances of 10 m from a public place and 17 m from a protected place.	Elgas and ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i> • <i>Preliminary Hazard Analysis (SLR 2015e)</i>
The operation of the Development will meet the criteria laid down in <i>Hazardous Industry Planning Advisory Paper No. 4 - Risk Criteria for Land Use Safety Planning</i> (DoP 2011) (HIPAP 4).	ProTen Site Management	On-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i> • <i>Preliminary Hazard Analysis (SLR 2015e)</i>
Any new LPG tank to be installed will be appropriately certified.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i>



Control	Responsibility	Timing / Frequency	Reference
LPG will be delivered to the Development Site in specific-purpose rigid trucks at a frequency of less than once per week.	Elgas and ProTen Site Management	On-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
Fire Management			
All buildings will be maintained to meet the relevant requirements of the Building Code of Australia (BCA).	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
Electrical installations will be maintained to meet the requirements of relevant AS, including AS 3000:2007 - <i>Electrical Wiring Rules</i> .	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
Fire extinguishers, fire blankets and hose reels will be installed and maintained at designated locations compliant with relevant AS. The extinguishers will be determined by fuel source, with water extinguishers installed for combustible materials and ABE powder extinguishers installed for wide coverage of combustible and electrically-generated fires.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
Due to the need to connect fire hydrants and hose reels, on-site water storage will be compliant with AS 2419.1 2005 – <i>Fire Hydrant Installations</i> .	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
Appropriate warning/identification signs will be installed and maintained for fuels and fire protection equipment.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
Any new diesel, petrol or LPG tanks will be appropriately certified.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
Foam extinguishers will be installed and maintained with the capacity to cover the surface area of the diesel/petrol bund area.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
The diesel and petrol tanks will be stored within bunded areas with a minimum bund volume of 110% of the volume of the largest single stored volume within the bund.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
The diesel, petrol and LPG storage (i.e. dissimilar fuels) will be separated from each other and located at equidistant points from one another while still be within safe working distance to the poultry sheds.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> Emergency Plan Addendum Report
Annual maintenance and testing will be undertaken for high voltage electricity infrastructure.	ProTen Site Management	Annual	<ul style="list-style-type: none"> Emergency Plan Addendum Report
General housekeeping procedures will be regularly undertaken to ensure any trees/shrubs in the vicinity of electrical installations are adequately pruned or removed to maintained clearance and the areas	ProTen Site Management	On-going	<ul style="list-style-type: none"> Emergency Plan



Control	Responsibility	Timing / Frequency	Reference
around electrical installations are kept clear of any combustible materials.			<ul style="list-style-type: none"> • <i>Addendum Report</i>
Hazardous Materials			
Employees and contractors will be instructed in the proper use and handling of all chemicals used on site, as well as incident management procedures. If appropriate, this will include completion of training such as <i>SMARTtrain</i> or <i>ChemCert</i> (or similar).	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i>
Spill kits will be provided and maintained at strategic locations within the Development Site.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i>
All chemical use will be undertaken in full compliance with the relevant statutory requirements, including the <i>Pesticides Act 1999</i> .	ProTen Site Management	On-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i>
Where appropriate, chemicals used will be approved by the Australian Pesticide and Veterinary Medicine Authority as safe and fit for that particular use.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i>
A chemical storage facility that is appropriately sealed and banded, and with appropriate signage, will be installed and maintained at each PPU.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i>
The diesel and petrol tanks will be stored within banded areas with a minimum bund volume of 110% of the volume of the largest single stored volume within the bund.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i>
Copies of the Safety Data Sheet (SDS) for each chemical and fuel used on site will be kept within the chemical storage facility and in the PPU office.	ProTen Site Management	Prior to commencement and on-going	<ul style="list-style-type: none"> • <i>Emergency Plan</i> • <i>Addendum Report</i>

4.9.1 Chemical or Full Spill

The actions specified on the relevant SDS will be implemented in the event of a minor chemical spill.

In the event of a major spill, which is considered highly unlikely given the relatively low volumes of chemicals and fuels to be stored on site and the environment controls listed in Table 19, the following procedure will be implemented:

- The EPA and/or other appropriate regulatory authority will be contacted and advised of the nature of the chemical spill or incident, and any instructions issued by the authority will be strictly adhered to.
- Where possible, spilled material will be contained used vermiculite or similar absorbing material, and/or recovered into suitable containers.
- Any contaminated soil and/or absorption material will be collected, managed and disposal of as advised by the regulatory authority.
- Clean soil will be brought in once all contaminated material has been removed.



The *Environmental Incident Management Strategy* in Section 9, including notification requirements, will be followed in the event of a spill/incident.

4.10 Waste Management

A *Waste Management Plan* (WMP) (SLR 2024) has been prepared for the Development in accordance with condition B 21 of Development Consent SSD 6882 and is contained within Appendix H.

Primary waste streams to be generated by the Development, along with their respective waste classifications under the *Waste Classification Guidelines Part 1: Classifying Waste* (EPA 2014) and intended reuse/recycling/disposal are listed in Table 21.

Table 21: Operational Waste Types, Classification and Management

Waste Type	NSW Classification	Reuse / Recycling / Disposal
General daily waste	General solid waste (putrescible and non-putrescible).	Disposal at landfill.
Empty chemical and fuel containers	Hazardous waste if containers were previously used to store Dangerous Goods (Class 1, 3, 4, 5 or 8) and from which residues have not been removed by washing or vacuuming. General solid waste (non-putrescible) if the containers have been cleaned by washing or vacuuming.	Off site reuse, recycling or disposal at licensed facility. Empty chemical containers will be returned to the local supply company and/or Baiada for reuse, recycling or disposal. Alternatively a licensed contractor will be engaged to provide a chemical container pickup service for recycling, reuse or disposal. Any non-returnable chemical containers will be collected via the "drumMUSTER" program. (N.B. transport to comply with the <i>Australian Code for the Transport of Dangerous Goods by Road & Rail</i>)
Poultry litter	General solid waste (putrescible).	Off site reuse for beneficial application on rural/agricultural land and/or off site treatment to produce a commercial product (i.e. value-added product). The litter will not be stockpiled or disposed of within the bounds of the Development Site under any circumstances. Furthermore, ProTen prefers not to see the spreading of litter within a 5 km radius of a poultry shed.
Dead birds	General solid waste (putrescible).	Dead birds will be collected from the poultry sheds on a daily basis and stored in on-site chillers prior to transport off site for treatment in Baiada's rendering plant to produce tallow and poultry offal meal (i.e. value-added products).
Sewage (from staff amenities and residences)	Liquid waste	Treated and disposed of via on-site aerated wastewater treatment systems (one at each residence and PPU) installed and operated in accordance with Council



Waste Type	NSW Classification	Reuse / Recycling / Disposal
		requirements and the relevant standards/guidelines.
Green waste	General solid waste (non-putrescible)	Composting and/or direct reuse on site.
Tyres	Special waste	Off site recycling or disposal at licensed facility.
Air and oil filters and rags	General solid waste (non-putrescible)	Off site recycling or disposal at licensed facility.
Batteries	Hazardous waste	Off site recycling.
Light bulbs / fluorescent tubes	Hazardous waste	Off site recycling.
Mass bird mortalities	General solid waste (putrescible)	Various options exist for the disposal of bird carcasses and fomites in the event of an emergency animal disease. Refer to the <i>Emergency Disposal and Biosecurity Protocol</i> in Appendix L.

The environmental controls listed in Table 22 will be implemented to minimise waste generation and ensure waste is effectively managed and disposed of offsite.

Table 22: Waste Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Notes
Waste streams will be managed in accordance with the reuse / recycling / disposal methods nominated in Table 20.	ProTen Site Management	On-going	<ul style="list-style-type: none"> Waste Mgt Plan EIS
No stockpiling or disposal of waste materials will occur within the bounds of the Development Site.	ProTen Site Management	On-going	<ul style="list-style-type: none"> Waste Mgt Plan Consent Condition B19 EIS
Waste materials removed from the Site for reuse, recycling, treatment or disposal will be directed to a facility or premises lawfully permitted to accept the materials.	ProTen Site Management	On-going	<ul style="list-style-type: none"> Waste Mgt Plan Consent Condition B17
Waste generated outside the Site will not be received at the Site for any purpose.	ProTen Site Management	On-going	<ul style="list-style-type: none"> Waste Mgt Plan Consent Condition B18 EPL Condition L2.1
Only wastes that cannot be cost effectively reused or recycled will be sent for disposal.	ProTen Site Management	On-going	<ul style="list-style-type: none"> Waste Mgt Plan
General waste skips will be checked on a weekly basis. If the skips are reaching capacity, removal and replacement will be organised for the next 24 hours.	ProTen Site Management	On-going	<ul style="list-style-type: none"> Waste Mgt Plan
All loaded vehicles leaving the site will have their loads covered..	ProTen Site Management	On-going	<ul style="list-style-type: none"> Waste Mgt Plan Consent Condition B7
Poultry litter will not be stockpiled, stored or utilised within the Site in any way.	ProTen Site Management	On-going	<ul style="list-style-type: none"> Waste Mgt Plan Consent Condition B19 EIS



Control	Responsibility	Timing / Frequency	Reference / Notes
Dead birds will not be disposed to land by burial or any other method at the premises (unless otherwise permitted by a relevant authority during an emergency animal disease event).	ProTen Site Management	On-going	<ul style="list-style-type: none"> • <i>Waste Mgt Plan</i> • Consent Condition B20 • EPL Condition O5.2

4.11 Visual Amenity

The Landscaping Management Plan (LMP) (SLR 2024) prepared for the Development in accordance with condition B47 of Development Consent SSD 6882 is contained in Appendix F. The landscaping will comprise suitable tree and shrub species strategically planted around the perimeter of each PPU. The plantings will be based on relevant recommendations in Planning Guidelines Separating Agricultural and Residential Land Uses (Queensland Department of Natural Resources 1997), these being:

- A biological buffer of a minimum total width of around 40 metres.
- Contain consistent, yet random, plantings of a variety of tree and shrub species of differing growth habits, at spacings of around 4 to 7 metres.
- Include species with long, thin and rough foliage to facilitate the capture of spray droplets and dust particles.
- Provide a permeable barrier that allows air to pass through the buffer. The plantings will aim to achieve a porosity of around 0.5 (i.e. around 50 percent of the screen will be air space);
- Include species that are hardy and fast growing; and
- Foliage from base to crown (i.e. lower and upper storey vegetation) to ensure that the buffer is effective in slowing and filtering air movement at all levels.

On-going monitoring and maintenance activities are required to ensure continual health and growth of the plantings.

The environment controls listed in Table 23 will be implemented to minimise the visual impact of the Development from surrounding lands. The appended Landscaping Management Plan should be referred to for further detail regarding the vegetation screen plantings.



Table 23: Visual Amenity Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Notes
Outdoor lighting fixtures will be mounted, screened and directed in a manner to avoid nuisance to the surrounding environment, properties and roadways.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • Consent condition B46 • EIS
Outdoor lighting will only be used when necessary during times of low light and/or heavy fog and will comply with <i>AS4282 1997 – Control of the Obstructive Effects of Outdoor Lighting</i> .	ProTen Site Management	On-going	<ul style="list-style-type: none"> • Consent condition B46 • EIS
Vegetation screens will be established and maintained around the perimeter of each PPU in accordance with the LMP in Appendix F.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • EIS • LMP

4.12 Energy Efficiency and Greenhouse Gas

In accordance with condition B48 of Development Consent SSD 6882, ProTen will implement all reasonable and feasible measures to minimise energy use onsite and greenhouse gas emissions onsite.

The environmental controls listed in Table 24 will be implemented to improve energy efficiency and minimise greenhouse gas emissions.

Table 24: Energy Efficiency Measures

Control	Responsibility	Timing / Frequency	Reference / Notes
External lighting will only be used when necessary during times of low light and/or heavy fog.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • EIS
The integrity of the poultry sheds will be regularly checked in order to identify and rectify any air leaks, which place additional load on ventilation fans.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • EIS
Lighting, temperature, humidity and static pressure within the poultry sheds will be continuously monitored and automatically adjusted to suit conditions. This will avoid unnecessary electricity and LPG usage.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • EIS
Ventilation fans and heaters will be regularly maintained and serviced to ensure optimal performance and efficiency.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • EIS

4.13 Pest Control

The environmental controls listed in Table 25 will be implemented to minimise the potential for pest populations establishing residency within the Development Site.

Table 25: Pest Management and Mitigation Measures

Control	Responsibility	Timing / Frequency	Reference / Notes
Baits will be installed and maintained as a preventative measure to prevent and control pest outbreaks.	ProTen Site Management	On-going	<ul style="list-style-type: none"> • EIS



Control	Responsibility	Timing / Frequency	Reference / Notes
Dead birds will be removed from the poultry sheds on a daily basis and stored in an on-site coolroom/chiller prior to removal off site.	ProTen Site Management	On-going	• EIS
At the end of each production cycle, poultry litter will be promptly removed from the poultry sheds and transported off site.	ProTen Site Management	On-going	• EIS
Waste streams will be managed in accordance with the <i>Waste Management Plan</i> in Appendix H to ensure no on-site stockpiling or disposal of waste materials.	ProTen Site Management	On-going	• Waste Mgt Plan • EIS
Any feed or grain spills will be promptly cleaned up.	ProTen Site Management	On-going	• EIS
The grass within the shed environs will be regularly slashed and/or mown.	ProTen Site Management	On-going	• EIS
Appropriate sanitising agents will be used during the cleanout phase.	ProTen Site Management	On-going	• EIS

4.14 Biosecurity and Mass Mortality

An *Emergency Disposal and Biosecurity Protocol* (SLR 2024) has been prepared for the Development in accordance with condition B9 of Development Consent SSD 6882 and is contained in Appendix L. It has been prepared in consideration of various relevant guideline documents, including:

- *National Farm Biosecurity Manual for Chicken Growers* (Australian Chicken Meat Federation [ACMF] 2010);
- *Australian Veterinary Emergency Plan AUSVETPLAN: Enterprise Manual – Poultry Industry* (chickens, ducks and turkeys), Version 3.0 (Animal Health Australia [AHA] 2013);
- *Australian Veterinary Emergency Plan AUSVETPLAN: Operational Manual – Destruction of Animals*, Version 3.2 (AHA 2015a);
- *Australian Veterinary Emergency Plan AUSVETPLAN: Operational Manual – Disposal*, Version 3.1 (AHA 2015b); and
- *Biosecurity of Mass Poultry Mortality Composting* (Rural Industries Research and Development Corporation [RIRDC] 2014).

ProTen Site Management will implement a range of proven biosecurity measures at the Development on a routine basis. Site Management will also ensure that all employees and contractors are provided with appropriate biosecurity training through the site inductions and regular toolbox talks. Monitoring and recording of flock health is undertaken on a daily basis by both ProTen and Baiada Poultry.

In the unlikely event that biosecurity is breached and there is an emergency animal disease (EAD) outbreak at the Development, a coordinated management approach, as outlined in the *Emergency Disposal and Biosecurity Protocol* (SLR 2024) in Appendix L, will be implemented.



5.0 Monitoring, Inspection and Reporting

5.1 Monitoring and Inspection

Various environmental monitoring and site inspection activities will be undertaken to ensure on-going implementation and compliance with this OEMP and to identify any adverse impacts and required remedial actions. The environment monitoring and site inspection activities to be completed are listed in Table 26. The relevant management plans appended to this OEMP should be referred to for further details. Monitoring would be triggered in the event of a noise complaint regarding the project or as directed by the DPHI or EPA. Routine (annual) noise monitoring should be conducted alternatively to demonstrate site compliance within the noise limits outlined in the consent. This aligns with compliance against EPL Condition L3.1.



Table 26: Environmental Monitoring and Site Inspections

Requirement	Monitoring Location / Method	Timing / Frequency	Performance Indicator	Responsibility	Reference
General					
Visual inspections to ensure all necessary environmental controls listed in this OEMP are in place and any required maintenance/remediation works are identified and undertaken.	Visual inspection.	Weekly.	N/A	ProTen Site Management	N/A
Meteorology					
Meteorological monitoring for the following parameters: <ul style="list-style-type: none"> • Wind speed and direction at 10 m; • Temperature at 10 m and 2 m; • Rainfall; and Relative humidity. 	On-site meteorological station (see Figure 2).	Continuous.	N/A	ProTen Site Management	<ul style="list-style-type: none"> • EPL Condition M2.1 • Consent Condition B5
Odour					
Field observations of the intensity (strength) and character (what it smells like) of any significant odour emissions detected.	Field observations using Tables 5-1 and 5-2 and the field monitoring sheet in the AQMP in Appendix E.	When significant odour emissions are detected and/or an odour complaint is received..	No odour complaints.	ProTen Site Management	<ul style="list-style-type: none"> • AQMP
Surface Water					
Periodic sampling	One sediment dam at each PPU	<ul style="list-style-type: none"> • 6-monthly grab sample when water is available 	<ul style="list-style-type: none"> • Water quality (see Table 9 of WMP) • Water level • Photos 	ProTen Site Management	<ul style="list-style-type: none"> • WMP



Requirement	Monitoring Location / Method	Timing / Frequency	Performance Indicator	Responsibility	Reference
Reactive sampling	Overflow from sediment dam	<ul style="list-style-type: none"> Grab sample during overflow 	<ul style="list-style-type: none"> Water quality (see Table 9 of WMP) Photos 	ProTen Site Management	<ul style="list-style-type: none"> WMP
	Any surface water impacted by a spill, discharge or other incident	<ul style="list-style-type: none"> Immediately and/or as instructed by consulted government agencies 	<ul style="list-style-type: none"> Targeted analytes selected based on the nature of the incident 	ProTen Site Management	<ul style="list-style-type: none"> WMP
Visual inspections and maintenance (as required) of the engineered surface water management systems to ensure continued integrity. Where identified to have reduced capacity due to excessive sediment build-up or scouring, rectification works (desilting, regrading and/or reshaping) will be undertaken to ensure the structures maintain their design capacity and can handle subsequent rainfall events.	Visual inspections of surface water management systems at each PPU.	<ul style="list-style-type: none"> Monthly; Prior to predicted significant rainfall events; and After significant rainfall events. 	<ul style="list-style-type: none"> No system discharges; and No decline in the quality of water contained within the systems. 	ProTen Site Management	<ul style="list-style-type: none"> WMP
Visual inspections and maintenance (as required) of ESC structures to ensure continued integrity. Where identified to have reduced capacity due to excessive sediment build-up or scouring, rectification works will be undertaken to ensure the structures maintain their design capacity and can handle subsequent rainfall events.	Visual inspection of all ESC structures.	<ul style="list-style-type: none"> Monthly; Prior to predicted significant rainfall events; and After significant rainfall events. 	<ul style="list-style-type: none"> No significant erosion from operational areas; and No sediment laden runoff from operational areas. 	ProTen Site Management	<ul style="list-style-type: none"> WMP



Requirement	Monitoring Location / Method	Timing / Frequency	Performance Indicator	Responsibility	Reference
Groundwater					
Groundwater extraction.	Bores 1 and 2 (see Figure 2)	Six-monthly.	Annual extraction must not exceed the licensed allocation of 488 ML/year.	ProTen Site Management	• WMP
Groundwater levels.	Shallow Aquifer – Piezo1 to 6 Shallow Piezo 1 to 6 Deep (see Figure 2).	Six-monthly.	See Section 8.2 of the WMP in Appendix G.	ProTen Site Management	• WMP
	Deep Aquifer – Bores 1 and 2 (see Figure 2).				
Groundwater quality for the parameters listed in Table 21 of the WMP in Appendix G.	Shallow Aquifer – Piezo1 to 6 Shallow Piezo 1 to 6 Deep (see Figure 2).	Six-monthly.	See Section 8.2 of the WMP in Appendix G.	ProTen Site Management	• WMP
	Deep Aquifer – Bores 1 and 2 (see Figure 2).				
Biodiversity					
Inspections and maintenance of landscape plantings (noting plant condition, plant losses, threatening processes, weeds, feral animal activity and replacement tree planting requirements).	Visual inspection of all landscape plantings (see Figure 2).	<ul style="list-style-type: none"> Monthly during first 6 months after planting; and Quarterly thereafter for 18 months after planting or until the plantings are established and healthy (whichever is longer). 	See Section 4.2 of the BMP in Appendix J.	ProTen Site Management	• BMP
Inspections and maintenance of Temporary Offset Area (noting fencing, vegetation condition, threatening processes, weeds and feral animal activity).	Visual inspection of the Temporary Offset Area (see Figure 4).	Quarterly during the 12 month “Credits Wanted” EOI period.	See relevant indicators in Section 4.2 of the BMP in Appendix J.	ProTen Site Management	• BMP
Waste					



Requirement	Monitoring Location / Method	Timing / Frequency	Performance Indicator	Responsibility	Reference
Monitoring of the volume of all waste materials transported off site for reuse, recycling and/or disposal.	Recording of waste trucks loads.	On-going	N/A	ProTen Site Management	<ul style="list-style-type: none"> • <i>Waste Mgt Plan</i>



5.2 Reporting and Auditing

The reporting and auditing requirements for the Development, in accordance with Development Consent SSD 6882 and EPL 20748, are listed in Table 27.

Table 27: Reporting and Auditing Requirements

Requirement	Timing / Frequency	Responsibility	Reference
Annual Review			
Prepare and submit an Annual Review to the DPHI that reviews the environmental performance of the Development over the previous 12 month period.	Annual. Reporting period - 22 Apr - 21 Apr. N.B. First Annual Review to cover 14 Dec - 21 Apr (to include construction period).	ProTen Site Management	<ul style="list-style-type: none"> Consent conditions C8 and C11
Annual Return			
Complete and submit an Annual Return to the EPA in the approved form comprising: <ol style="list-style-type: none"> A Statement of Compliance; and Summary of monitoring data; and Summary of complaints. 	Annual (within 60 days of the reporting period). Reporting period - 22 Apr - 21 Apr.	ProTen Site Management	<ul style="list-style-type: none"> EPL condition R1
Incident Reporting			
Notify DPHI and other relevant agencies of any incident that causes (or may cause) material harm to the environment.	Within 24 hours of the incident.	ProTen Site Management	<ul style="list-style-type: none"> Consent condition C9
Prepare and submit a detailed report to DPHI and other relevant agencies on any incident that causes (or may cause) material harm to the environment.	Within 7 days of the incident.	ProTen Site Management	<ul style="list-style-type: none"> Consent condition C10
Water Impact Investigation			
Notify DPI Water if a surface water or groundwater trigger value is exceeded. See the WMP in Appendix G for further details.	Within 14 days of receiving monitoring results that indicate an exceedance.	ProTen Site Management	<ul style="list-style-type: none"> WMP
Prepare and submit a report outlining the investigation findings if a surface water or groundwater trigger level is exceeded then an investigation into the potential for environmental harm will be completed and sent to	Within 3 months of receiving monitoring results that indicate an exceedance.	ProTen Site Management	<ul style="list-style-type: none"> WMP



Requirement	Timing / Frequency	Responsibility	Reference
the regulatory authority within 3 months of receiving the analysis results.			
Auditing			
Commission an Independent Environmental Audit to assess the environment performance and compliance of the Development.	<ul style="list-style-type: none"> Within 2 years of consent (i.e. by 9 Nov 2017). Every 3 years thereafter.	ProTen Site Management	<ul style="list-style-type: none"> Consent condition C12
Access to Information (ProTen Website)			
Upload all items of information listed under consent condition 14 to ProTen's website and keep this information up to date.	<ul style="list-style-type: none"> Upload by 9 May 2016. Review and, if necessary, update quarterly.	ProTen Site Management	<ul style="list-style-type: none"> Consent condition C14
Review and, if necessary, update the complaints register on ProTen's website.	Monthly	ProTen Site Management	<ul style="list-style-type: none"> Consent condition C14



6.0 Emergency Response

6.1 Emergency Plan

An *Emergency Plan* (SLR 2024) and *Addendum Report* (GHD 2020) has been prepared for the Development in accordance with condition B25 of Development Consent SSD 6882 and is contained in Appendix I. The Emergency Plan and Addendum Report also fulfils the need for a Pollution Incident Response Management Plan (PIRMP) as agreed to with the EPA.

The aim of the Emergency Plan and Addendum Report is to minimise the potential for adverse impacts on people, property and the environment as a result of an emergency or pollution incident at the Development. The key objectives of the Emergency Plan and Addendum Report are:

- To enable a quick and efficient response to any emergency or pollution incident to limit the potential impacts;
- To support emergency services and regulatory authorities with key information and knowledge; and
- To maintain a high level of preparedness.

The primary types of hazards identified for the Development in the *Emergency Plan* (SLR 2024) and *Addendum Report* (GHD 2020) are:

- LPG leak or explosion.
- Fire in or around the poultry sheds;
- Spill of hazardous material (chemical or fuel); and
- Transport incident.

The *Emergency Plan* and *Addendum Report* outlines key pre-emptive actions (i.e. mitigation measures and management strategies) to be implemented in order to minimise the risk for such hazards (these are also listed above in Section 4.9), contains a chemical and fuel inventory, identifies the emergency equipment that will be available on site, key ProTen and regulatory authority contacts, and, importantly the site evacuation procedure. The Emergency Plan (SLR 2024) and Addendum Report (GHD 2020) in Appendix I should be referred to for full details.

6.2 Flooding Emergency and Evacuation Plan

A Flooding Emergency and Evacuation Plan (SLR 2024) has been prepared for the Development in accordance with condition B36 of Development Consent SSD 6882 and is contained in Appendix M.

The Flooding Emergency and Evacuation Plan (SLR 2024) advises:

- Flood warnings are likely to be available via the SES at least several days prior to a mainstream flood occurring.
- Floodwaters are unlikely to take more than a few hours to reside with the exception of the two topographical depressions and ephemeral flow paths.

The *Flooding Emergency and Evacuation Plan* (SLR 2024) lists the various development design, best management practices and mitigation measures to be implemented to safeguard infrastructure, livestock and staff from potential adverse impacts due to flooding. It also contained an Operational Flood Management Plan that aims to ensure the safety of farm workers, the survival of the birds on site that are too young for processing and the safe



removal of birds that are ready for off site processing. The Plan in Appendix M should be referred to for full details.



7.0 Community Consultation

7.1 Surrounding Residents

During operation, ProTen will continue consultation with the owners and residents of surrounding dwellings. Owners and residents will remain informed throughout operations with clear access to the freecall environmental hotline number. The owners / residents will be informed of any changes to the Operation and Site Management in writing.

7.2 Site Signage

A clearly visible sign will be installed at the site access on the Sturt Highway to advise the following:

- Site name;
- Relevant site contact details; and
- Any specific access requirements, such as reporting to a site office and biosecurity requirements

7.3 Dispute Resolution

In accordance with condition A12 of Development Consent SSD 6882, in the case of a dispute between ProTen and any regulatory authority in relation to an applicable requirement in the consent or any relevant matter relating to the Development, either party may refer the matter to the DPHI for resolution. The DPHI's determination of any such dispute shall be final and binding on the parties.

In the case of a dispute between ProTen and a community member/complainant and ProTen, either party may refer the matter to the DPHI and/or relevant regulatory authority for consideration, advice and/or negotiation. If the matter escalates, a third party mediator may be required.



8.0 Complaints Managements Strategy

8.1 Performance Objective

To ensure that all environmental complaints regarding the operation of the Development are promptly and effectively received, handled and addressed.

8.2 Responsibility

ProTen's Site Management is responsible for ensuring that the appropriate management response and handling procedures are instigated and carried through in the event of a complaint.

All employees and contractors who take receipt of a complaint, either verbal or written, are to immediately notify Site Management.

8.3 Receipt of Complaints

Complaints in relation to the construction activities may be received via any of the following ways:

- Any ProTen company or site office.
- ProTen Environmental Hotline – 1800 776 994.
- ProTen Internet enquiry – www.proten.com.au; and/or
- Through a government agency (for example, EPA).

8.4 Handling Procedure

Upon becoming aware of a complaint, Site Management is to undertake the following:

Receive

In the normal course of events, the first contact for complaints will usually be made in person or by telephone. While this should instigate investigative action, a formal written complaint should be requested.

Where the initial contact reaches an employee or contractor who is not a representative of Site Management, the call should be directed to Site Management. If unavailable, the complainant's details should be taken with a view to returning the contact once Site Management is in a position to discuss the matter.

The complainant's name, address and contact details, along with the nature of the complaint, must be requested. If the complainant refuses to supply the requested information, a note should be made on the form and complainant advised of same.

Assistance

Where assistance is required handling the situation, ProTen's Griffith Regional Manager and/or National Operations Manager (both based on Griffith) should be contacted.

Where the complaint is reported via a government agency (for example, EPA), ProTen's Griffith Regional Manager and/or National Operations Manager must be notified immediately (even if outside of normal business hours).

Relevant contact details are listed in Section 3.1.

Investigate



A field investigation should be initiated in an attempt to establish the legitimacy of the complaint and the cause of the problem. Site Management should be consulted to identify any abnormality or incident that may have resulted in the complaint. Details may include stocking densities, flock ages, shed conditions, heavy vehicle activity, equipment and machinery activities, etc.

If the complaint is in relation to odour, meteorological conditions at and around the time of the complaint should also be obtained from the on-site meteorological station. It is particularly important that wind direction and speed are known.

If the complaint is due to an environmental incident, the management system outlined in Section 9 should be followed, and if the incident has caused or threatens to cause material harm to the environment the relevant regulatory agencies must be immediately notified.

Action

Once the legitimacy and cause of the complaint has been established, every possible effort must be made to undertake appropriate remedial action(s) to fix the cause of the complaint and mitigate any further impact.

Inform

The investigative work and remedial action should be reported back to the complainant and, if necessary, the relevant regulatory agencies.

Record

It is imperative that an honest assessment of the situation is carried out and documented in order to minimise the potential for similar complaints in the future. On this basis, every complaint received is to be recorded on ProTen's standard Environmental Complaint Report Form contained within Appendix N. A copy of the completed form should be maintained for at least four years.

8.5 Prevention Action

Once the complaint has been suitably handled, appropriate preventative measures should be identified and implemented to negate the possibility of re-occurrence.



9.0 Environmental Incidents Management System

Development Consent SSD 6882 defines an “incident” as:

A set of circumstances that:

- *causes or threatens to cause material harm to the environment; and/or*
- *breaches or exceeds the limits or performance measures/criteria in this consent”.*

As such, any non-compliance with the conditions of SSD 6882 will instigate the implementation of the *Environmental Incidents Management System*.

9.1 Performance Objectives

To ensure that any environmental incident caused by or relating to the operation of the Development is effectively responded to, and any resulting adverse environmental and/or community impact is promptly prevented or effectively managed.

9.2 Responsibility

Site Management is responsible for ensuring that the appropriate management response and handling procedures are instigated and carried through in the event of an environmental incident.

All employees and contractors are to:

- Notify Site Management about any hazard and potential hazard that may result in an environmental incident, regardless of the nature or scale;
- Take immediate action to notify ProTen Site Management of any environmental incident; and
- Take immediate action (where it is safe to do so) to prevent, stop, contain and/or minimise the environmental impact of the incident.

9.3 Notification Requirements

Notification responsibilities for incidents that have caused or threaten to cause material harm to the environment are detailed in section 148 of the POEO Act. In summary, these can be categorised broadly as:

- The duty of an employee or any person undertaking an activity:

Any person engaged as an employee or undertaking an activity must, immediately after becoming aware of the incident, notify Site Management of the incident and all relevant information about it. If Site Management cannot be contacted, the person is required to notify the relevant authorities.

- The duty of the employer or occupier of a premises to notify:

An employer or occupier of the premises (i.e. in this case, Site Management) on which the incident occurs, who is notified (or otherwise becomes aware of) of the incident, must immediately notify the relevant authorities about the incident and all relevant information.

Under the POEO Act, “relevant authority” means any of the following:

- The appropriate regulatory authority;
- If the EPA is the appropriate regulatory authority - the EPA;
- If the EPA is not the appropriate regulatory authority - the local authority for the area in which the pollution incident occurs (i.e. Council);



- NSW Health;
- WorkCover NSW; and
- Fire and Rescue NSW.

Condition C9 of Development Consent SSD 6882 also requires that the DPHI be notified within 24 hours of any incident that has caused or threatens to cause material harm to the environment.

Relevant contact details are listed in Section 3.1.

9.4 Handling Procedures

Upon becoming aware of an environmental incident, Site Management is to undertake the following:

Preventative Action

Where possible and it is safe to do so, immediate action should be taken to prevent, stop, contain and/or minimise the environmental impact of the incident. The situation should be visually assessed and emergency response undertaken if required.

In the unlikely event that a pollution incident requires the evacuation of the Site, actions will be completed in accordance with the site evacuation procedure contained in the Emergency Plan (SLR 2021) and Addendum Report (GHD 2020) in Appendix I. All employees and contractors will be informed of the location of emergency assembly areas (see Figure 3) through site inductions, signage and toolbox talks.

Assistance

Where assistance is required handling the situation, ProTen's Griffith Regional Manager and/or National Operations Manager (both based in Griffith) should be contacted.

Where the incident is reported via a government agency (for example, EPA), the ProTen's Griffith Regional Manager and/or National Operations Manager must be notified immediately (even if outside of normal business hours).

Relevant contact details are listed in Section 3.1.

If adequate resources are not available and the incident threatens public health or property, Fire and Rescue Service NSW should be contacted by telephoning "000" for emergency assistance. Contacting Fire and Rescue NSW does not negate the notification requirements in Section 9.3.

Notify

Under the provisions of the POEO Act, there is a duty to notify any incident that has caused or threatens to cause material harm to the environment and all relevant information about the incident. The specific duties to notify are outlined above in Section 9.3. The contact details for authorities are listed in Table 6.

In the event of a serious pollution incident or emergency, it is more than likely that the EPA and/or Fire and Rescue NSW will take control and manage the required investigation and remedial activities. Any instructions issued must be strictly adhered to.

Investigate

Undertake immediate investigative work to determine the cause of the incident.

Remedial Action



Undertake appropriate remedial action to address the cause of the incident and mitigate any further environmental impact. In some instances, outside resources such as specialist contractors/consultants may be required.

Record

It is imperative that an honest assessment of the situation is carried out and documented in order to minimise the potential for similar events in the future. On this basis, every environmental incident is to be recorded on ProTen's standard Environmental Incident Report Form contained within Appendix O. A copy of all completed forms should be maintained for at least four years.

Condition C10 of Development Consent SSD 6882 requires that a detailed report be prepared and submitted to the DPHI and other relevant authorities on any incident that has caused or threatened to cause material harm to the environment within 7 days of the incident.

9.5 Preventative Action

Once the incident has been suitably handled, appropriate preventative measures should be identified and implemented to negate the possibility of re-occurrence.



10.0 Review and Update

In accordance with condition C7 of Development Consent SSD 6882, this OEMP, including appended management plans, will be reviewed (the Secretary will be notified in writing of the outcomes of any review) and if necessary, revised to the satisfaction of the Secretary, within three months of the submission of:

- An annual review under condition C8;
- An incident report under condition C10;
- An audit under condition C12; or
- The approval of any modification of the conditions of this consent.

In accordance with condition C7A of Development Consent SSD 6882, if necessary to either improve the environmental performance of the development or cater for a modification, this OEMP must be revised, to the satisfaction of the Secretary.

Where revisions are required, the revised OEMP must be submitted to the Secretary for approval within six weeks of the review required under condition C7, or such other timing as agreed by the Secretary.

Further, the OEMP will be reviewed and, if necessary, revised in the following circumstances:

- Where it is identified that the environmental performance of the Development is not meeting the objectives of the OEMP;
- Changes to the conditions imposed by Development Consent SSD 6882 and/or Environmental Protection Licence EPL 20748; and/or
- At the request of the DPHI or relevant regulatory authority.

A minor amendment to the OEMP may be made without the need to seek approval from DPHI. For the purpose of this OEMP a “minor” amendment is defined as:

- An amendment involving a minor error, misdescription or miscalculation; and/or
- An amendment that maintains compliance with the EIS (SLR 2015a), RTS (SLR 2015b), the Modification Report (PSA, 2023) and Development Consent SSD 6882; and/or
- An amendment that is necessary to maintain consistency and/or compliance with changing legislative requirements (for example, an amendment to an Act).

All employees and contractors will be informed of any revisions to the OEMP by Site Management during a toolbox talk.



11.0 References

Australian Poultry CRC (2008) National Animal Welfare Standards for the Chicken Meat Industry

Department of Infrastructure, Planning and Natural Resources (2004) Guideline for the Preparation of Environmental Management Plans

Department of Natural Resources (1997) Planning Guidelines Separating Agricultural and Residential Land Uses

Department of Primary Industries (2012) Best Practice Management for Meat Chicken Production in NSW, Manual 2 - Meat Chicken Growing Management

Environment Protection Authority (2014) Waste Classification Guidelines Part 1: Classifying Waste

Environmental Protection Authority (2021) NSW Waste and Sustainable Materials Strategy 2041 (WSM Strategy)

GHD (2020) Narrandera Poultry Production Farm, Emergency Plan Addendum Report

Landcom NSW (2004) Managing Urban Stormwater: Soils & Construction – Volume 1, 4th Edition.

Office of Environment and Heritage (2012) Erosion and Sediment Control on Unsealed Roads

OzArk Environment and Heritage (2024) Narrandera Poultry Production Complex (SSD 6882), Aboriginal Cultural Heritage Management Plan

PSA (2023) Euroley Poultry Farm SSD-6882 Modification Application

SLR Consulting Australia (2015a) Euroley Poultry Production Complex SSD 6882, Environmental Impact Statement

SLR Consulting Australia (2015b) Euroley Poultry Production Complex SSD 6882, Response to Submission

SLR Consulting Australia (2024) Narrandera Poultry Production Complex (SSD 6882), Air Quality Management Plan

SLR Consulting Australia (2024) Narrandera Poultry Production Complex (SSD 6882), Landscape Management Plan

SLR Consulting Australia (2015d) Euroley Poultry Production Facility, Biodiversity Offset Strategy

SLR Consulting Australia (2015e) Euroley Poultry Production Facility, SEPP 33 - Preliminary Risk Screening & Hazard Assessment

SLR Consulting Australia (2024) Narrandera Poultry Production Complex (SSD 6882), Biodiversity Management Plan

SLR Consulting Australia (2024) Narrandera Poultry Production Complex (SSD 6882), Flooding Emergency and Evacuation Plan

SLR Consulting Australia (2024) Narrandera Poultry Production Complex (SSD 6882), Waste Management Plan

SLR Consulting Australia (2024) Narrandera Poultry Production Complex (SSD 6882), Emergency Disposal and Biosecurity Plan

SLR Consulting Australia (2024) Narrandera Poultry Production Farm, Water Management Plan



*SLR Consulting Australia (2024) Narrandera Poultry Production Complex (SSD 6882),
Emergency Plan*



12.0 Feedback

At SLR, we are committed to delivering professional quality service to our clients. We are constantly looking for ways to improve the quality of our deliverables and our service to our clients. Client feedback is a valuable tool in helping us prioritise services and resources according to our client needs.

To achieve this, your feedback on the team's performance, deliverables and service are valuable and SLR welcome all feedback via <https://www.slrconsulting.com/en/feedback>. We recognise the value of your time and we will make a \$10 donation to our Charity Partner - Lifeline, for every completed form.





Appendix A Mod 1 Consent

Operational Environmental Management Plan

Narrandera Poultry Production Complex

ProTen Holdings Pty Ltd

SLR Project No.: 610.15489

31 July 2024



Appendix B EPL

Operational Environmental Management Plan

Narrandera Poultry Production Complex

ProTen Holdings Pty Ltd

SLR Project No.: 610.15489

31 July 2024



Appendix C Water Licence

Operational Environmental Management Plan

Narrandera Poultry Production Complex

ProTen Holdings Pty Ltd

SLR Project No.: 610.15489

31 July 2024



Appendix D Drivers Code of Conduct

Operational Environmental Management Plan

Narrandera Poultry Production Complex

ProTen Holdings Pty Ltd

SLR Project No.: 610.15489

31 July 2024



Appendix E Air Quality Management Plan

Operational Environmental Management Plan

Narrandera Poultry Production Complex

ProTen Holdings Pty Ltd

SLR Project No.: 610.15489

31 July 2024



Appendix F Landscape Management Plan

Operational Environmental Management Plan

Narrandera Poultry Production Complex

ProTen Holdings Pty Ltd

SLR Project No.: 610.15489

31 July 2024



Appendix G Water Management Plan

Operational Environmental Management Plan

Narrandera Poultry Production Complex

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Appendix H Waste Management Plan

Operational Environmental Management Plan

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Appendix I Emergency Management Plan

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Appendix J Biodiversity Management Plan

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Appendix K Aboriginal Cultural Heritage Management Plan

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Appendix L Disposal / Biosecurity

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Appendix M Flood Management Plan

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Appendix N Complaints Form

Operational Environmental Management Plan

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Appendix O Incident Form

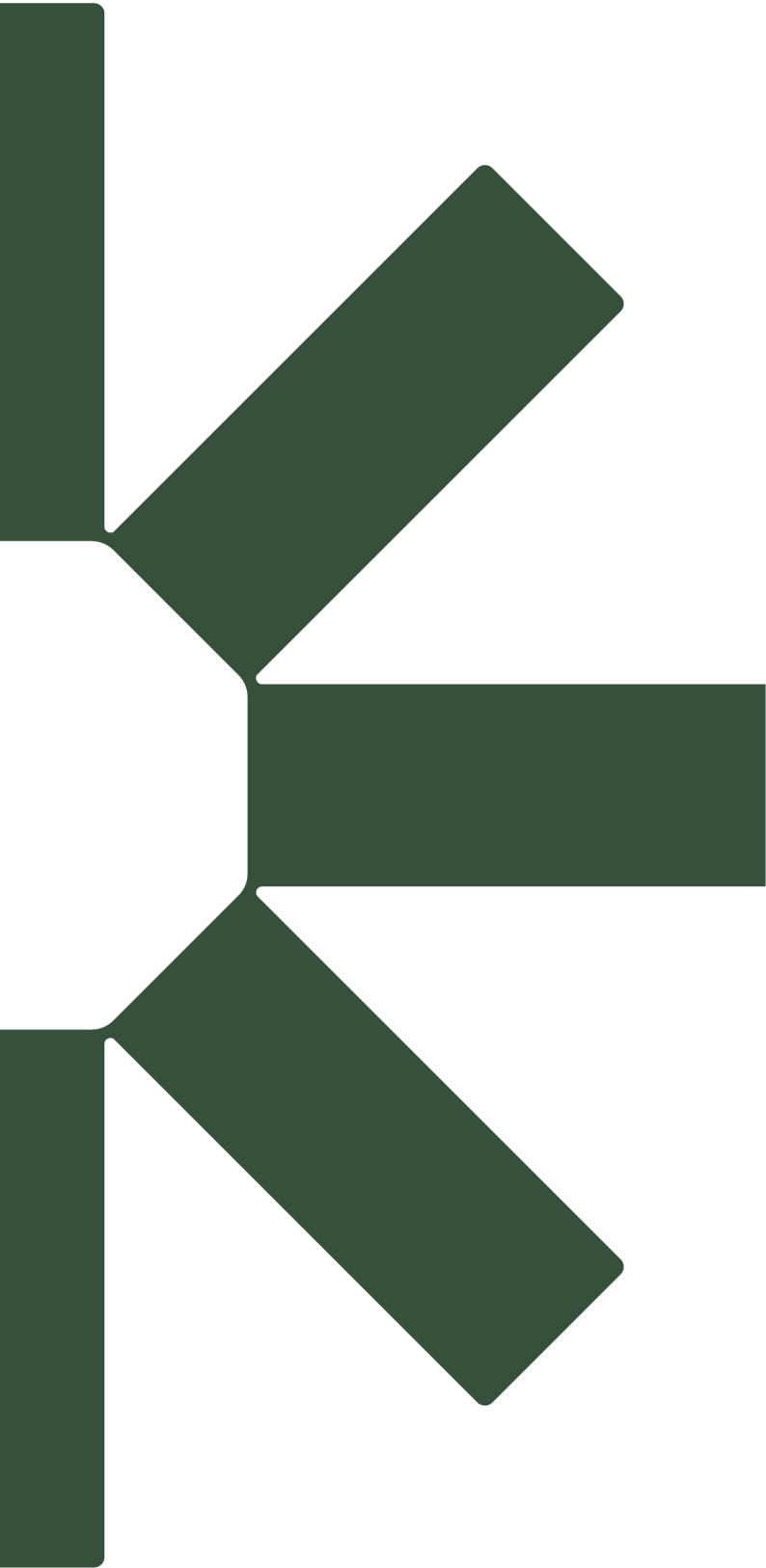
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