

ProTen

Pollution Incident Response Management Plan (PIRMP)

**Rushes Creek Poultry
Production Farm – 1582 Rushes
Creek Road, Rushes Creek NSW 2346**



22/9/25

PROTEN PTY LTD

Prepared by: ProTen

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Revision Record

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Basis of Report

This report has been prepared by ProTen Pty Ltd with all reasonable skill, care and diligence. Information herein is based on the interpretation of data collected, which has been accepted as being accurate and valid.

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Acronyms and Abbreviations

ARA	Appropriate Regulatory Authority
CLC	Community Liaison Committee
DP	Deposited Plan
EPA	Environment Protection Authority
EP	Environment Protection Licence
PELA Act	<i>Protection of the Environment Legislation Amendment Act 2011</i>
PIRMP	Pollution Incident Response Management Plan
POEO Act	<i>Protection of the Environment Operations Act 1997</i>
POEO(G) Regulation	<i>Protection of the Environment Operations (General) Regulation 2009</i>
PPU	Poultry Production Unit
SDS	Safety Data Sheet

1.0 Introduction

1.1 Background and Scope

ProTen Tamworth Pty Limited (ProTen) owns and operates the Rushes Creek Poultry Production Farm (Rushes Creek) located on Rushes Creek Road, Rushes Creek NSW in the Tamworth Local Government Area (LGA). In summary, Rushes Creek shall comprise 54 fully enclosed climate-controlled poultry sheds, where broiler birds are grown for the purpose of producing poultry meat (for human consumption), and associated support and servicing infrastructure. The farm has a site capacity of 3,051,000 birds at any one time.

Rushes Creek operates under the provisions of Environment Protection Licence (EPL) EPL 21569 administered by the Environment Protection Authority (EPA) and is required to comply the Protection of the Environment Operations Act 1997 (POEO Act).

Rushes Creek as holder of EPL 21569 must prepare, keep, test, and implement a Pollution Incident Response Management Plan (PIRMP) (this Plan).

The requirements for a Pollution Incident Response Management Plan (PIRMP) are set out in Part 5.7A of the Protection of the Environment Operations Act 1997 (POEO Act) and the Protection of the Environment Operations (General) Regulation 2022 (POEO(G) Regulation). In summary, this legislation requires the following:

- All holders of an Environment Protection Licence (EPL) must prepare a PIRMP (section 153A, POEO Act).
- The PIRMP must include the information detailed in the POEO Act (section 153C) and the POEO(G) Regulation (clause 72) and be in the form required by the POEO(G) Regulation (clause 71).
- Licensees must keep the PIRMP at the premises to which the EPL relates (section 153D, POEO Act).
- Licensees must test the PIRMP at least every 12 months and after a pollution incident in accordance with the POEO(G) Regulation (clause 72(l)).
- If a pollution incident occurs during an activity so that material harm to the environment is caused or threatened, within the meaning of Part 5.7 of the POEO Act, licensees must immediately implement the PIRMP (section 153F, POEO Act).

This PIRMP covers the key actions to minimise the risk of occurrence of a pollution incident and manage a pollution incident if one occurs. It also details the procedures for notification of pollution incidents resulting in or having the potential to cause material harm to the environment. The notification of environmental incidents under this PIRMP is only required for those incidents causing or threatening to result in material environmental harm (a material harm incident) as defined in the POEO Act.

While the PIRMP has been prepared for managing the impact to human health (employees and nearby neighbours) and the environment (onsite and offsite), it does not have procedures for the treatment of injured persons or the remediation of the environment following a pollution incident.

1.2 PIRMP Availability

In addressing the requirements of section 153D of the POEO Act and clauses 71 and 74 of the POEO(G) Regulation, a copy of this PIRMP will be kept in written form at the site office at Rushes Creek and will be made readily available to all personnel for implementing the PIRMP and to any authorised EPA officer on request.

The PIRMP will be made publicly available within 14 days of finalisation on ProTen's website: www.proten.com.au.

1.3 Definitions

The POEO Act provides the following definitions:

Pollution – means –

- a) Water pollution, or
- b) Air pollution, or
- c) Noise pollution, or
- d) Land pollution.

Pollution incident – *‘pollution incident means an incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise’.*

A licensee is required to notify the relevant regulatory authorities of a pollution incident if there is a risk of ‘material harm to the environment’, which is defined in section 147 of the POEO Act as:

- a) Harm to the environment if:
 - i. *It involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or*
 - ii. *It results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (or such other amount as is prescribed by the regulations), and*
loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practical measures to prevent, mitigate or make good harm to the environment.
(2) For the purposes of this Part, it does not matter that harm to the environment is caused only in the premises where the pollution incident occurs.

1.4 Legaslative Requirements

PIRMPs must include the information listed in section 153C of the POEO Act and clause 72 of the Protection of the Environment Operations (General) Regulation 2022 (General Regulation). **Table 1** lists these legislative requirements and references which section(s) of this document each requirement has been addressed.

Table 1 Document Directory

Section 153C	Detail Required	Section in PIRMP
(a)	The procedures to be followed by the holder of the relevant EPL, or the occupier of the relevant premises, in notifying a pollution incident to: 1. The owners or occupiers of premises in the vicinity of the premises to which the EPL or the direction under section 153B relates, and 2. The local authority for the area in which the premises to which the EPL relates; and 3. Any persons or authorities required to be notified by Part 5.7 (of the POEO Act).	Sections 3.1, 3.2 and 3.3
(b)	A detailed description of the action to be taken immediately after a pollution incident, by the holder of the relevant EPL, or the occupier of the relevant premises, to reduce or control any pollution.	Section 4.3
(c)	The procedures to be followed for coordinating, with the authorities or persons that have been notified, any action taken in combating the pollution caused by the incident and, in particular, the persons through whom all communications are to be made.	Section 3.0
(d)	Any other matter required by the regulations	See below
Clause 72 of the General Regulation		
(a)	<i>A description of the hazards to human health or the environment associated with the activity to which the licence relates (the relevant activity),</i>	Sections 2.2 and 2.4, and Appendix A
(b)	<i>The likelihood of any such hazards occurring, including details of any conditions or events that could, or would, increase that likelihood,</i>	Section 2.2 and Appendix A
(c)	<i>Details of the pre-emptive action to be taken to minimise or prevent any risk of harm to human health or the environment arising out of the relevant activity,</i>	Section 2.3 and Appendix A
(d)	<i>An inventory of potential pollutants on the premises or used in carrying out the relevant activity,</i>	Section 2.4
(e)	<i>The maximum quantity of any pollutant that is likely to be stored or held at particular locations (including underground tanks) at or on the premises to which the licence relates,</i>	Section 2.4

Section 153C	Detail Required	Section in PIRMP
	<i>(f) A description of the safety equipment or other devices that are used to minimise the risks to human health or the environment and to contain or control a pollution incident,</i>	Section 2.5
	<i>(g) The names, positions and 24-hour contact details of those key individuals who: (i) are responsible for activating the plan, and (ii) are authorised to notify relevant authorities under section 148 of the Act, section 148 (iii) are responsible for managing the response to a pollution incident,</i>	Section 3.1
	<i>(h) The contact details of each relevant authority referred to in the Act, section 148,</i>	Section 3.2
	<i>(i) Details of the mechanisms for providing early warnings and regular updates to the owners and occupiers of premises in the vicinity of the premises to which the licence relates or where the scheduled activity is carried on,</i>	Sections 3.3 and 4.3, and Appendix A
	<i>(j) The arrangements for minimising the risk of harm to any persons who are on the premises or who are present where the scheduled activity is being carried on.</i>	Section 3.4
	<i>(k) A detailed map (or set of maps) showing the location of the premises to which the licence relates, the surrounding area that is likely to be affected by a pollution incident, the location of potential pollutants on the premises and the location of any stormwater drains on the premises,</i>	Figures 1, 2, 3 and 4
	<i>(l) A detailed description of how any identified risk of harm to human health will be reduced, including (as a minimum) by means of early warnings, updates and the action to be taken during or immediately after a pollution incident to reduce that risk,</i>	Section 4 and Appendix A
	<i>(m) The nature and objectives of any staff training program in relation to the plan,</i>	Section 5.1
	<i>(n) The dates on which the plan has been tested and the name of the person who carried out the test,</i>	Appendix D
	<i>(o) The dates on which the plan is updated,</i>	After TOC ¹
	<i>(p) The manner in which the plan is to be tested and maintained.</i>	Section 5.2
Clause 74 of the General Regulation		
1)	A PIRM plan must be made readily available to an authorised officer on request, and to a person who is responsible for implementing the PIRM plan at the premises – to which the relevant licence relates, or where the activity takes place.	Section 1.2
2)	A PIRM plan must be made publicly available in the following way within 14 days after it is prepared – in a prominent position on a publicly accessible website of the person who is required to prepare the PIRM plan. If the person does not have a website – by providing a copy of the PIRM plan, without charge, to a person who makes a written request for a copy.	Section 1.2
Clause 75 of the General Regulation		
1)	A PIRM plan must be tested –	Section 5.2

Section 153C	Detail Required	Section in PIRMP
	routinely at least every 12 months. If a pollution incident occurred during an activity to which an environment protection licence relates, which caused or threatened material harm to the environment, within the meaning of the Act, section 147 – within 1 month of the incident occurring.	
2)	The test must be carried out in a way to ensure the following – The information included in the PIRM plan is accurate and up to date, the PIRM plan is capable of being implemented in a workable and effective way.	Section 5.2

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1.5 Other Relevant Documents

This PIRMPs should be read and implemented in conjunction with the following:

- Rushes Creek EPL 21569
- Rushes Creek Construction Environment Management Plan (CEMP)
- Rushes Creek Operational Environmental Management Plan (OEMP)
- Rushes Creek Emergency Disposal and Biosecurity Strategy

2.0 Site Particulars

2.1 Site Details

Rushes Creek Poultry Farm is situated across multiple lots within the locality of Rushes Creek, including:

- Lot 171 DP 752169 – 1582 Rushes Creek Rd, Rushes Creek
- Unformed Council public road traversing through Lot 171 DP 752169
- Part Lot 62 DP 1276824 – 1582 Rushes Creek Rd, Rushes Creek
- Part Lot 143 DP 752189 – Kyora Rushes Creek, Rushes Creek
- Part Lot 1 DP 1108119 – Kyora Rushes Creek, Rushes Creek
- Lot 86 DP 752169 – 1582 Rushes Creek Rd, Rushes Creek
- Lot 101 DP 752169 – 1582 Rushes Creek Rd, Rushes Creek
- Lot 118 DP 752169 – 1582 Rushes Creek Rd, Rushes Creek
- Lot 1 DP 1132078 – Kyora Rushes Creek, Rushes Creek
- Lot 26 DP 752169 – Rushes Creek Rd, Rushes Creek
- Lot 1 DP 1132298 – Kyora Rushes Creek, Rushes Creek
- Lot 1 DP 44215 – 1582 Rushes Creek Rd, Rushes Creek

Rushes Creek locality adjoins Manilla and New Mexico to the north, Klori to the east, Carroll and Somerton to the south, and Keepit and Wongo Creek to the west, refer to **Figure 1**.

2.2 Surrounding Receptors

Rushes Creek is located within a rural setting that is removed from any populated areas, with the nearest being the village of Manilla approximately 12.5km to the northeast. The site also has a relatively low density of surrounding residences, with the nearest identified on Figure 3.

Figure 1 *Location of the Site*

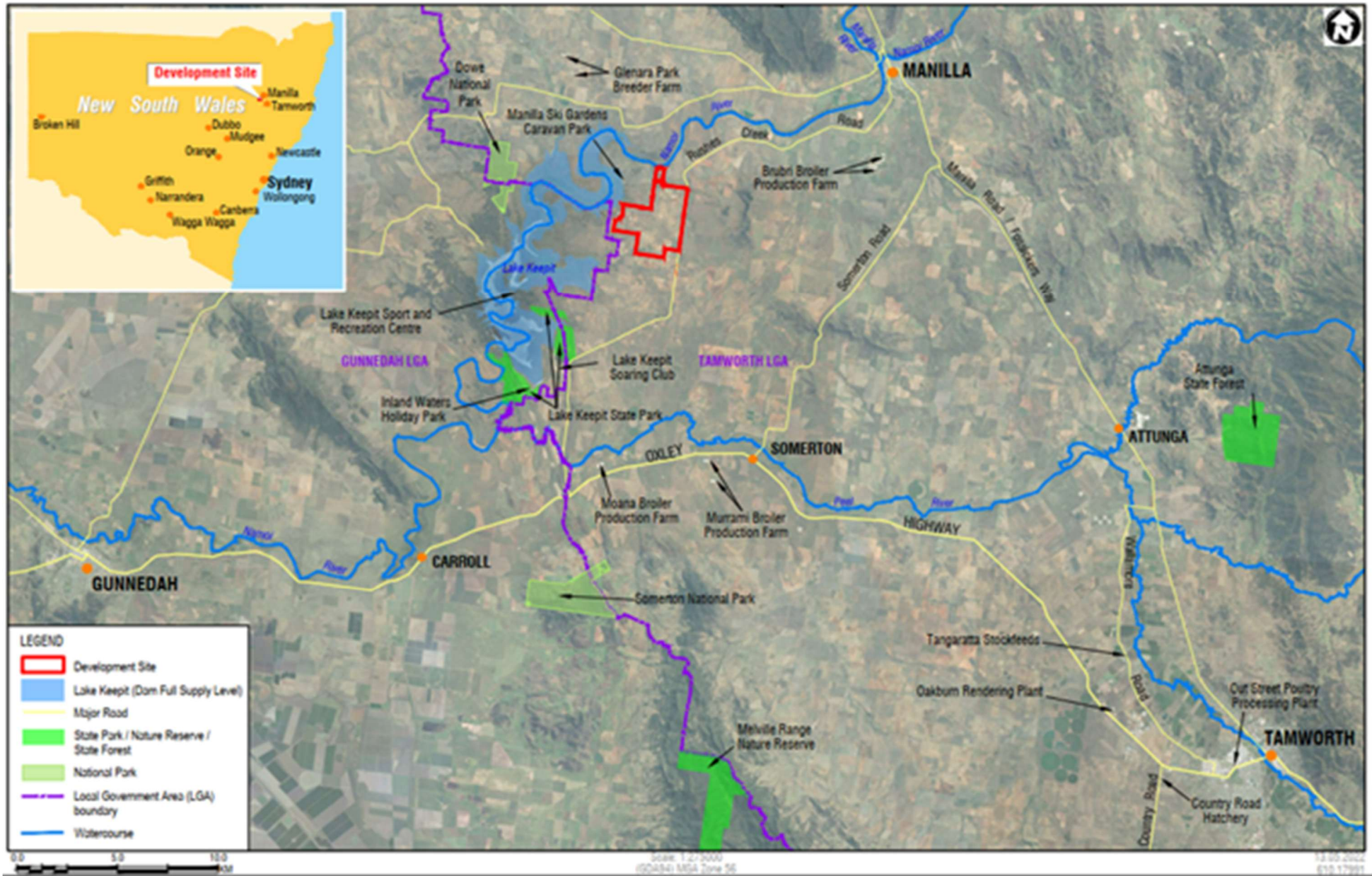


Figure 2 Cadastral Suburb Boundaries

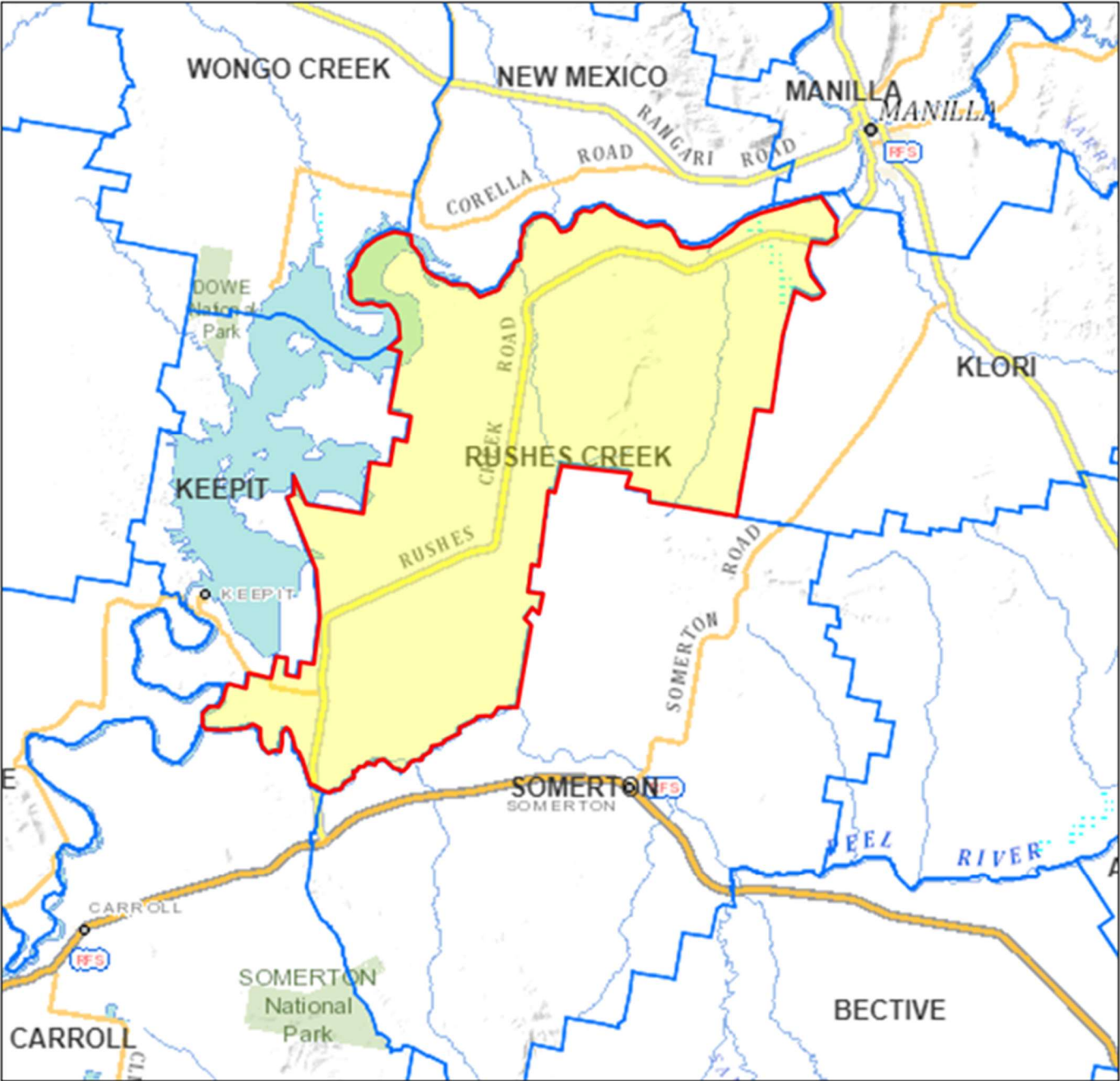
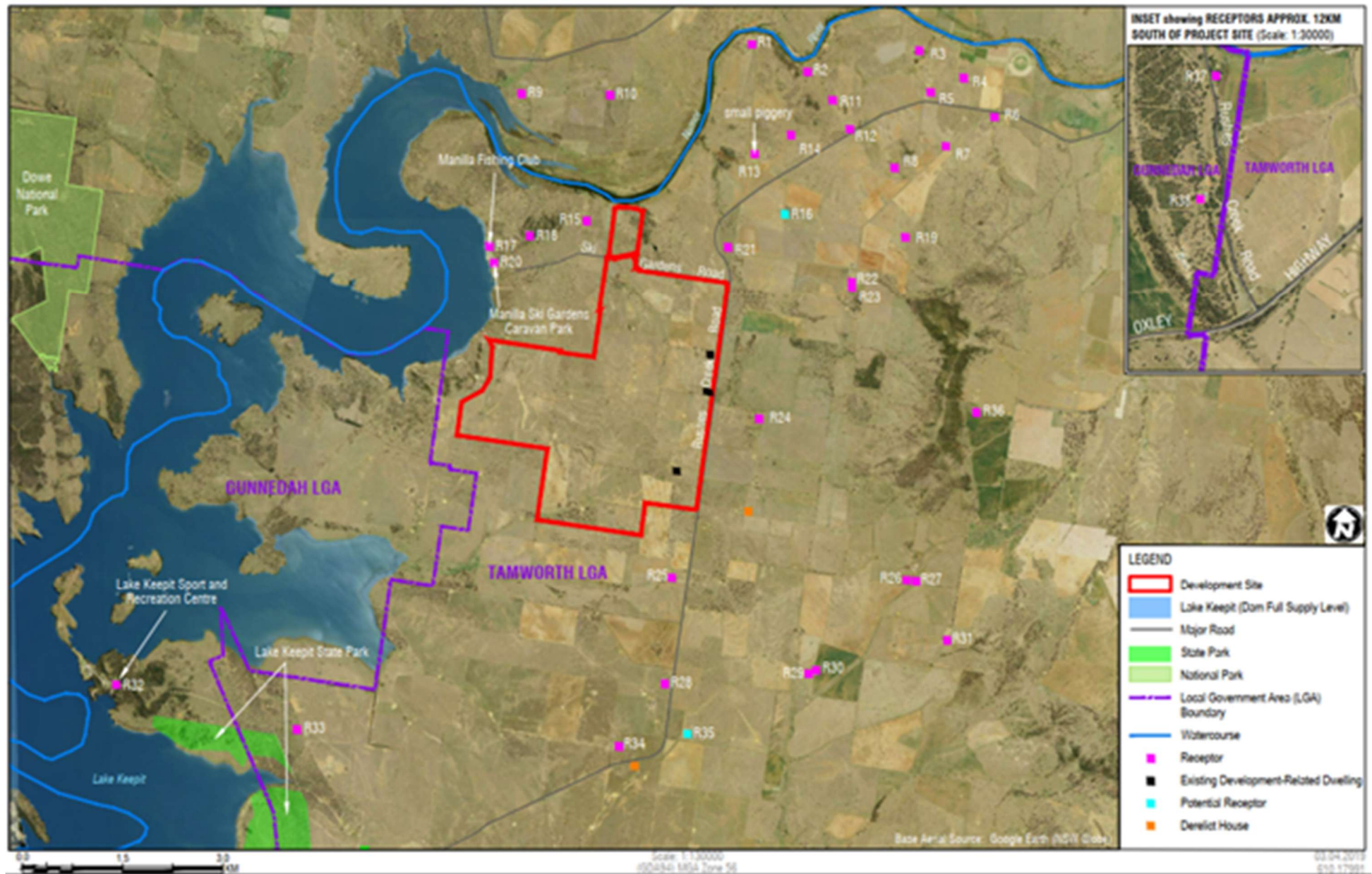


Figure 3 *Location of Receptors*



2.3 Development Consent

Development Consent SSD 7704 was issued by Department of Planning & Environment (DPE) on 16 April 2020 and has been modified four times. SSD 7704 (Mod 4) was approved on the 22 September 2023. For the purposes of this document, the approved development is described in detail in the document titled Rushes Creek Poultry Production Farm, Modification Report Modification 4, SSD 7704 and the appendices contained within.

In summary, Rushes Creek comprises four poultry farms containing 54 fully-enclosed climate controlled poultry sheds, where broiler birds are grown for the purpose of producing poultry meat (for human consumption), and associated support and servicing infrastructure. The farm has a site capacity of 3,051,000 birds at day 1 placement.

2.4 Environmental Protection Licence

Rushes Creek operates under the provisions of EPL 21569 for the scheduled activity of “livestock intensive activities”. It covers the fee-based activity of “bird accommodation” to a scale of greater than (>) 1,000 tonnes.

2.5 Safety Equipment

The likelihood of environmental hazards occurring at Rushes Creek has been captured via a broad-brush risk assessment (see Appendix A). The purpose of the risk assessment was to identify the potential hazards and/or risks posed by the poultry farm during construction and operation and the controls necessary to effectively mitigate and/or manage these risks.

The potential hazards/risks that have been identified at Rushes Creek are (in no particular order):

- Failure of construction waste management systems;
- Failure of construction erosion and sediment control systems;
- Chemical and/or oil spill;
- Failure of the surface water management system;
- Failure of the various waste management systems;
- Mass mortality event; and
- Fire in or around the poultry sheds.

2.6 Pre-Emptive Actions to be Taken

The CEMP and OEMP prepared for Rushes Creek should be referred to for a comprehensive list of the environmental management and mitigation measures to be implemented in relation to the various environmental risks, including (but not limited to) potentially hazardous materials, surface water management and waste management. The below sub-sections provide key commitments from the CEMP and OEMP relevant to potential pollution risks and incidents.

2.6.1 General Site Maintenance

Rushes Creek will be managed in compliance with ProTen’s standard operating procedures, including a regular inspection and maintenance program to ensure all necessary environmental controls are in place, plant and equipment is regularly serviced and any required maintenance/remediation works are identified and undertaken. Such activities will minimise the potential for adverse environmental impacts and incidents, extend the life of equipment, reduce operating costs, and maximise operational efficiency.

2.6.2 Potentially Hazardous Materials Management

Table 7 provides an inventory of potentially hazardous materials to be stored and used at Rushes Creek. The mitigation and management measures that will be implemented to minimise the potential for environmental incidents relating to the storage and use of these materials are listed in Table 2.

Table 2 *Hazardous Materials Mitigation and Management Measures*

Control	Responsibility	Timing/Frequency
Chemicals, fuels and oils will be stored and handled in accordance with: - Relevant Australian Standards; and - The EPA’s Storing and Handling of Liquids: Environmental Protection, Participants Manual (2007).	Site Management	On-going
Any liquids classified as dangerous goods will be stored within a bunded area with a minimum bund volume of 110% of the volume of the largest single stored volume within the bund.	Site Management / SHEQ Advisor	On-going
Diesel will be stored in an aboveground bunded tank, with the minimum bund volume being 110% of the respective tank capacity. The tanks will be located away from the chemical store in the office-workshop and away from anything else considered flammable.	Site Management	On-going
Safety data sheet (SDS) for each hazardous substance/fuel will be maintained within the office workshop and/or chemical store.	Site Management	On-going
Appropriate spill kits will be maintained within the office-workshop and/or chemical store.	Site Management	On-going
The actions specified in Section 3.3 will be promptly implemented in the event of a chemical/fuel spill.	All employees and contractors	As required
Personal protective equipment (PPE) maintained within the office-workshop.	Site Management	On-going

Control	Responsibility	Timing/Frequency
Employees and contractors working on-site will be instructed in the proper use and handling of chemicals/fuels, as well as spill response.	Site Management	Prior to starting work – site induction. On-going – toolbox talks.

Table 3 **Water Mitigation and Management Measures**

Control	Responsibility	Timing/Frequency
Surface water extraction from the Namoi River will be under the provisions of the two existing water access licences (WALs) held by ProTen.	Site Management	On-going
There will not be any groundwater extraction or use.	Site Management	On-going
Site construction preparation will include Erosion & Sediment Control measures installed and stabilised prior to commencing surface disturbance.	Site Management	Pre-Construction & Construction
Installation of surface water management system.	Site Management	Pre-Construction & Construction
Site Landscaping	Site Management	Post-Construction & On-going
Poultry sheds will be fully enclosed and have fully sealed flooring.	Site Management	On-going
Poultry sheds will be surrounded by a dwarf concrete bund wall to prevent rainwater/runoff entering the sheds and to allow for the controlled discharge of wash down water from the sheds.	Site Management	On-going
Poultry shed wash down water and rainfall runoff within the farm bounds will be captured in the engineered surface water management system conservatively designed to cater for a 1% AEP 72-hour event.	Site Management	On-going
Internal surfaces of the retention dams will be compacted or lined to provide an impermeable surface.	Site Management	On-going
An on-going inspection and maintenance program will be implemented to ensure the continued integrity and efficiency of the surface water management system.	Site Management	Monthly and after significant rain

Control	Responsibility	Timing/Frequency
The grassed swale drains between the poultry sheds will be managed to minimise soil disturbance and maximise treatment potential. They will be regularly slashed to encourage continual grass growth and nutrient up-take.	Site Management	On-going
Dry-cleaning practices at the end of each production cycle will be maximised within the poultry sheds prior to washing with water to minimise the volume of wash water and the amount of poultry litter (and associated sediments and nutrients) in the wash down water.	Site Management	End of each cycle
An aerated wastewater treatment system providing secondary level treatment will be installed to manage the relatively small volume of sewage to be generated by the staff amenities. It will be maintained in accordance with the manufacturer's specifications and Council requirements.	Site Management	On-going
The best management practices and mitigation measures outlined in OEMP will be implemented for on-site chemicals and fuels.	Site Management	On-going

2.6.4 Waste Management

Table 4 lists the primary construction and operational waste streams with their respective classifications under the Waste Classification Guidelines Part 1: Classifying Waste (EPA 2014) and intended reuse/recycling/disposal method.

Table 4 **Waste Streams**

Waste Type	NSW Classification	Reuse / Recycle / Disposal
Construction Waste (green waste, excavated natural material (VENM/ENM), concrete, timber framework, plasterboard, metal, electrical cabling, glass, conduits and pipes, sediment fencing, geotextile materials)	General soil waste (non-putrescible)	On-site reuse and/or off-site composting and/or off-site disposal at licensed facility.

Waste Type	NSW Classification	Reuse / Recycle / Disposal
General daily waste	General solid waste (putrescible and non-putrescible)	Placed in to enclosed bins and removed by a licensed contractor for landfill disposal at a licensed facility.
Empty chemical/fuel containers	Hazardous waste if containers 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 containers have been cleaned by washing or vacuuming.	Chemicals required for sanitisation, water treatment, weed control and pest control purposes will be purchased from a local supply company and/or delivered direct to the Development Site by ProTen. Empty chemical containers will be returned to the local supply company and/or ProTen for reuse, recycling or appropriate disposal. Alternatively, a licensed contractor will be engaged to provide a chemical container pickup service for recycling, reuse or appropriate disposal. Any non-returnable chemical containers will be collected and managed via the drumMUSTER program.
Poultry litter	General solid waste (putrescible)	Poultry litter is highly sought after as an organic fertiliser and/or rehabilitation agent for agricultural lands. As such, litter collected from the sheds will likely be sold as a commercial raw product and/or sold directly to regional farmers. ProTen will ensure truck loads leaving the Development Site are covered to minimise emissions of odour and particulate matter. The litter will not be stockpiled or disposed of within the bounds of the Development Site under any circumstances for best management practice and biosecurity reasons.
Daily dead birds	General solid waste (putrescible)	The poultry sheds will be inspected daily and any dead birds will be collected and moved to the on-site dead bird freezers for short-term storage prior to being collected and transported to Baiada's rendering

Waste Type	NSW Classification	Reuse / Recycle / Disposal
		plant near Tamworth for treatment and production of tallow and poultry offal meal (i.e. value-added products). Dead birds will not be stockpiled or disposed of within the Development Site under any circumstances for best management practice and biosecurity reasons.
Sewage (from staff amenities)	Liquid waste	Treated and disposed of via an AWTS installed and maintained in accordance with the manufacturer's specifications and Council requirements.
Green waste	General solid waste (non-putrescible)	Direct reuse on site and/or off-site composting or disposal at licensed facility.
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.

Table 5 **Waste Mitigation and Management Measures**

Control	Responsibility	Timing/Frequency
Waste streams will be managed in accordance with the reuse/recycling/disposal methods listed in Error! Reference source not found..	All employees and contractors	On-going
Waste materials removed from site for reuse/recycling/disposal will be directed to a facility lawfully permitted to accept the respective material.	Site Management	On-going
No disposal of construction waste materials will occur within the development site.	Construction Site Supervisor	Construction
Appropriate waste skips/bins will be provided on-site and checked daily. If the skip/bin is reaching capacity, arrangements will be made	Construction Site Supervisor	Construction

Control	Responsibility	Timing/Frequency
for its removal and replacement within the next 24-48 hours.		
All skips/bins leaving the Site will be suitably covered to avoid spillage and/or dust emissions during transit.	Construction Site Supervisor	Construction
Packing wastes will be reduced, where possible, by returning packaging to the suppliers (e.g. pallets, reels), purchasing in bulk, requesting cardboard or metal drums (as opposed to plastics).	Construction Site Supervisor	Construction
Any portable self-contained toilets and washroom facilities will be regularly serviced and emptied by a licensed contractor.	Construction Site Supervisor & Site Management	Construction & On-going
There will not be any on-site stockpiling or disposal of waste, including poultry litter and dead birds.	Site Management	On-going
Waste materials generated elsewhere (i.e. outside of the Rushes Creek site) will not be received on-site for any purpose.	Site Management	On-going
The waste management systems listed in OEMP will be implemented to ensure that each waste stream is effectively managed and disposed of off-site.	Site Management	On-going

2.6.5 Mass Mortality Disposal

In the unlikely event of an emergency animal disease (EAD) outbreak, ProTen will immediately implement strict quarantine procedures to isolate the farm and notify the Department of Primary Industries (DPI). Upon confirmation that it is indeed an EAD outbreak and immediate slaughter of farm stock is necessary, slaughter and disposal will be managed/guided by DPI and other relevant regulatory authorities.

The preferred disposal option in the event of mass mortality is in-shed composting, which has been identified by emergency management agencies as a preferred method of carcass disposal. When undertaken properly in enclosed sheds with sealed flooring (like at Rushes Creek), in-shed composting should not result in any notable environmental impact.

Refer to the Biosecurity and Emergency Disposal Plan prepared for Rushes Creek for details on the preferred methods for bird euthanasia and disposal of bird carcasses and fomites in the unlikely event of an EAD outbreak at Rushes Creek.

2.6.6 Fire Management

The Development Site is not mapped as bushfire prone land.

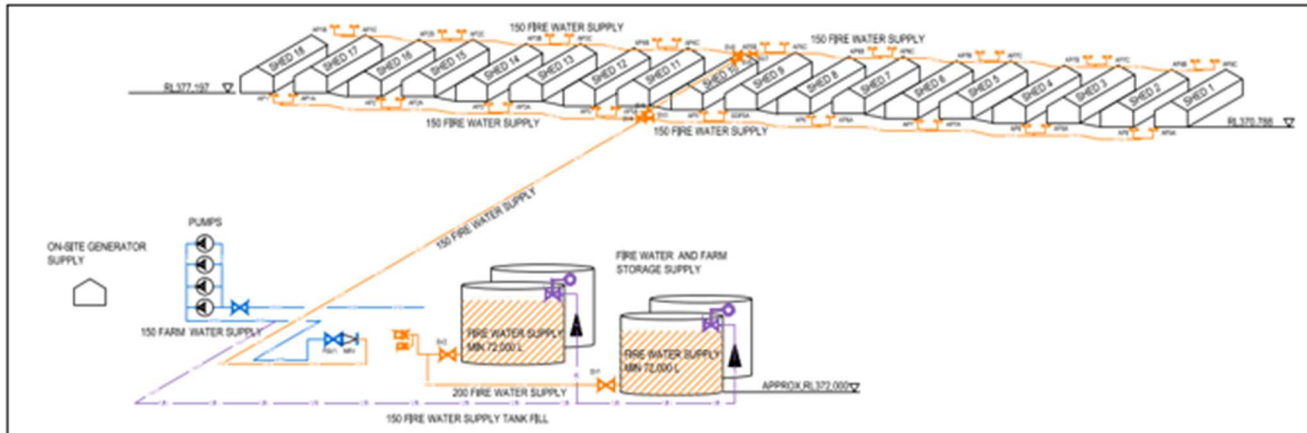
Table 6 lists the fire prevention strategies that will be implemented in order to minimise the likelihood of a fire at Rushes Creek. Figure 4 shows the location of Water Supply and Fire Water Supply.

Table 6 *Fire Management Measures*

Control	Responsibility	Timing/Frequency
The walls of the poultry sheds are made of fire-retardant insulated panels.	Site Management	On-going
Buildings, including electrical installations and fire provisions, will be designed, constructed, and maintained in compliance with the relevant requirements of the Building Code of Australia (BCA) and relevant Australian Standards.	Site Management	On-going
The diesel tanks will be maintained away from the chemical/fuel stores in the office-workshop and away from anything else considered flammable.	Site Management	On-going
The water storage tanks (combined 1,500 kilolitres [kL]), will be interconnected and automatically filled via a pressurised line to remain near capacity at all times. These tanks will be available for fire-fighting purposes, with one fitted with a 150 mm large bore suction connection, which is traditionally used by Fire and Rescue NSW, and two 65 mm small bore suction connection, which is traditionally used by NSW Rural Fire Service.	Site Management	On-going
General housekeeping 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 around electrical installations are kept clear of any combustible materials.	Site Management	On-going
PPE maintained within the office-workshop.	Site Management	On-going
Fire-fighting runoff would be expected to enter the engineered surface water management system, which has been conservatively designed to cater for a 1% AEP 72-hour event, and be captured in the retention dams. An on-going inspection and maintenance program will	Site Management	Monthly and after significant rain

Control	Responsibility	Timing/Frequency
be implemented to ensure the continued integrity and efficiency of the surface water management system.		

Figure 4 *Location of Water Supply and Fire Water Supply*



2.6.7 Inventory of Pollutants

The potentially hazardous materials that will be stored and/or used at Rushes Creek will include:

- Natural gas for heating the poultry sheds;
- Petrol and diesel for farm equipment and generator requirements;
- Pest and weed control products;
- Water treatment products to ensure the water supply meets biosecurity requirements and is suitable for bird consumption; and
- Sanitation products for use in the poultry sheds at the end of production cycle and within the wheel wash facility and footbaths.

Table 7 provides an inventory of potentially hazardous materials at Rushes Creek, with their respective Australian Dangerous Goods (ADG) classes (where relevant). Figure 5 shows the storage locations for these materials.

Table 7 *Inventory of Potential Hazardous Materials*

Substance (or similar)	Description	ADG	On-Site Storage	SEPP (Resilience & Hazards) Threshold	SEPP (Resilience & Hazards) Threshold Screening
General Use					
LPG	Natural gas to heat poultry sheds	Class 2.1	LPG Tanks – size 9x 7,500L	N/A	
Premium Cool Plus 50	Coolant for vehicles	Class 9 ²	Chemical Store – 20L	N/A	
Virukill	Sanitiser	N/A	Chemical Store – 40L	N/A	
Hand Sanitiser 70% Alcohol	Hand Sanitiser	N/A	Office Workshop – 25L	N/A	
Barmac Out of Bounds	Insecticide	N/A	Chemical Store – 5L	N/A	
Glyphosate (e.g. Roundup)	Herbicide	N/A	Chemical Store – 50L	N/A	
MCPA 750	Selective Herbicide	N/A	Chemical Store 25L	N/A	
Oxyfluorfen 240 Herbicide	Broadleaf Herbicide	N/A	Chemical Store – 25L	N/A	
Ratshot Blue Blocks	Rodenticide Blocks	N/A	Chemical Store – 100kg	N/A	
Water Treatment					
Citric Acid	pH Water Buffering	N/A	Water pump room – 1,000L	N/A	
Sodium Hypochlorite 12.5%	Liquid Chlorine – water sanitiser	Class B	Dam pump shed – 1,000L	25 Tonnes	Below
Twin Oxide P art A	Water Sanitiser	Class 5.1	Water pump room – 100L	5 Tonnes	Below
Twin Oxide Part B	Water Sanitiser	N/A	Water pump room – 100L	N/A	
Hydrocarbons					

PROTEN Pollution Incident Response Management Plan (PIRMP) – Rushes Creek

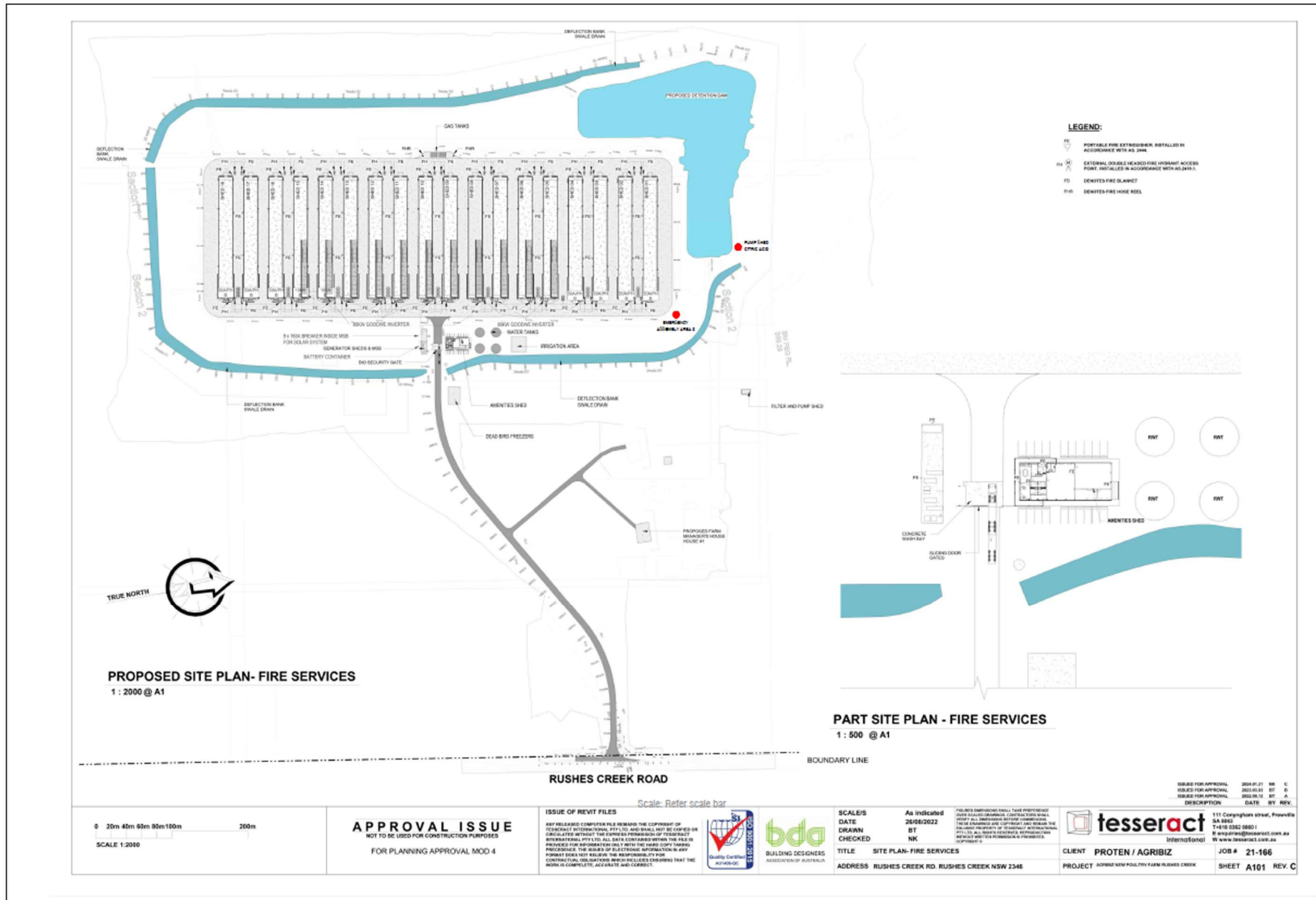
Substance (or similar)	Description	ADG	On-Site Storage	SEPP (Resilience & Hazards) Threshold	SEPP (Resilience & Hazards) Threshold Screening
Diesel	Fuel for Generators and Mobile Plant	Class C1 ³	Generators – 8,000L	22,500L	Below
Unleaded Petrol	Fuel for Mobile Plant	Class 3	40L	5 tonnes	Below
15W-40 Oil (e.g. Castrol)	Engine Oil	N/A	Workshop – 20L	N/A	N/A
Agri Grease	Lubricant	N/A	Workshop – 4.5kg	N/A	N/A
Castrol Garden 2T	Two-Stroke Oil	N/A	Workshop – 1L	N/A	N/A

1 - State Environmental Planning Policy No. 33 – Hazardous and Offensive Development

2 - Class 9 are miscellaneous dangerous goods that pose little threat to people or property (Department of Planning [DoP] 2011)

3- Class C1 - combustible liquid - if combustible liquids of class C1 are present on site and stored in a separate bund or within a storage area where there are no flammable materials stored they are not considered to be potentially hazardous (DoP 2011).

Figure 5 *Potentially Hazardous Materials Storage Location in relation to Shed Locations*



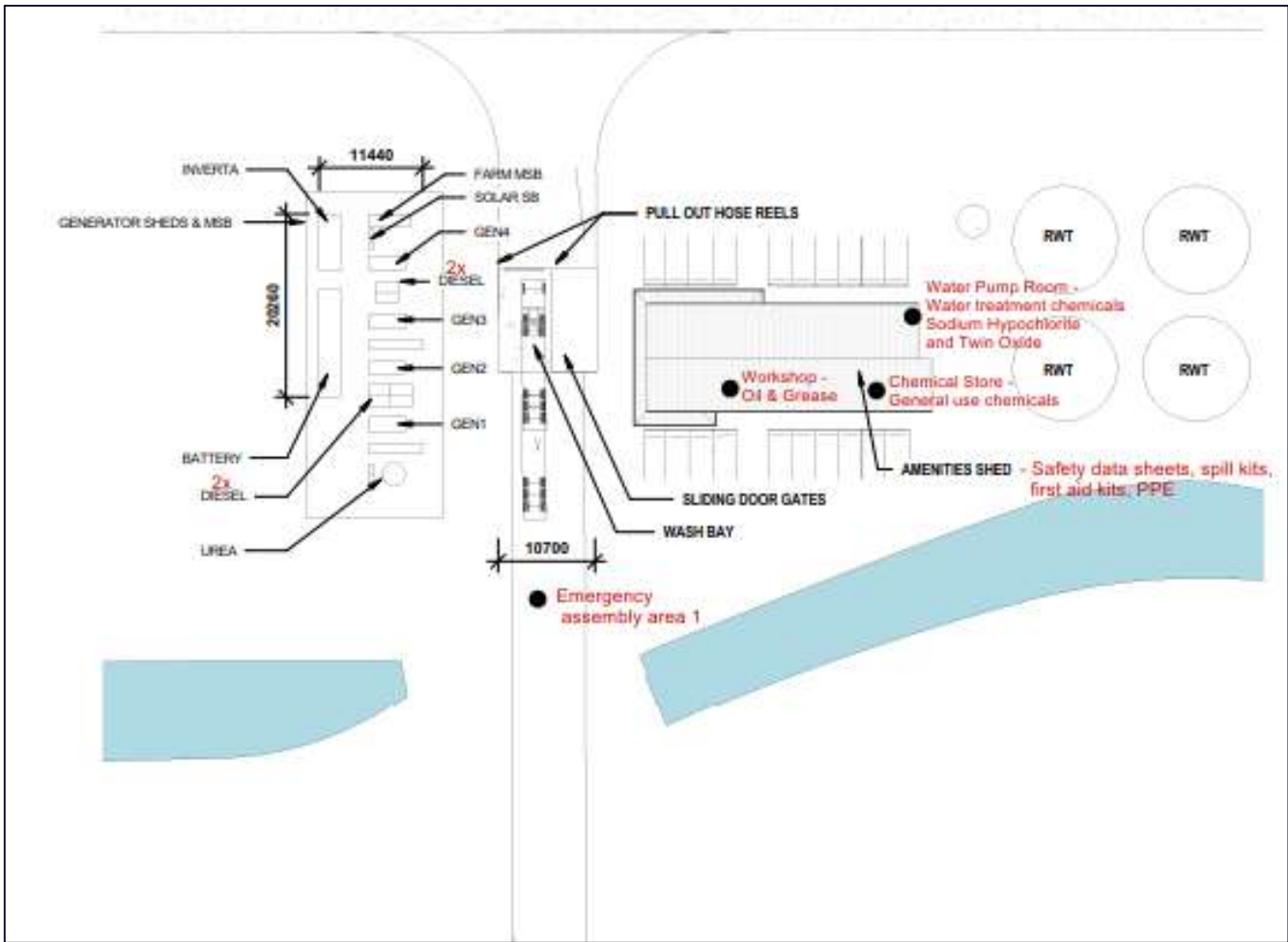
2.7 Safety Equipment

Table 8 lists the key safety equipment to be maintained on-site at Rushes Creek. Figure 6 shows the locations of this equipment on-site.

Table 8 *Inventory of Safety Equipment*

Product Name	Location(s)	Maintenance Requirement
Water Storage Tanks – • Combined 1500 kL. • Interconnected and automatically filled. • Fitted with a 150mm large bore suction connection and two 65mm small bore suction connections	Adjacent to office workshop	Maintenance and testing every 6 months
Fire Hydrants to meet AS 2419.1	Throughout the Poultry Farm. Located on the eastern and western end of sheds and on the north and south of the Farm.	Maintenance and testing every 6 months
Fire Extinguishers	Designated locations compliant with relevant Australian Standards.	Maintenance and testing every 6 months
Fire Blankets		
Hose Reels		
Safety Data Sheets (SDSs)	Office-workshop / chemical store	Reviewed for currency every 12 months
Spill Kits	Office-workshop / chemical store	Reviewed for currency every 3 months
First Aid Kits	Office-workshop	Reviewed for currency every month
Personal Protective Equipment (PPE)	Office-workshop	As required and needed

Figure 6 Safety Equipment and Storage Locations



3.0 Management and Responsibilities

3.1 ProTen Site Management

The implementation of this PIRMP is to be undertaken by ProTen’s Site Management team, the members of which are listed in Table 9. These individuals are responsible for activating the PIRMP, managing the response to the incident. The Senior Management team are authorised to notify the relevant authorities.

Table 9 *Primary Contacts for the Murrumbidgee Farm*

Location / Personnel	Contact Details
Site Management	
Rushes Creek Farm Manager	
Rushes Creek Assistant Farm Manager	
Tamworth Safety, Health, Environment & Quality (SHEQ) Officer	
Senior Management	
ProTen NSW Operations Manager	
ProTen Regional Operations Manager	
ProTen’s Safety, Health, Environment & Quality (SHEQ) Advisor	

3.2 Inductions and Training

All staff and contractors are to be appropriately inducted and trained prior to commencing work on-site.

Staff and Employees will be trained on the contents, process and requirements of the PIRMP. The objective of this training is to inform employees of the PIRMP and ensure all staff and contractors are aware of the key steps required to respond to and manage a pollution incident. As a minimum, the following will be undertaken:

- Staff and Employees will be informed of the PIRMP, its role and its function within site inductions.
- Specific training will be provided to key personal, detailing methods of incident notification and response as well as responsibilities under the PIRMP.

Training will be delivered through one or more of ways (inductions, toolbox talks, formal site training, exercises).

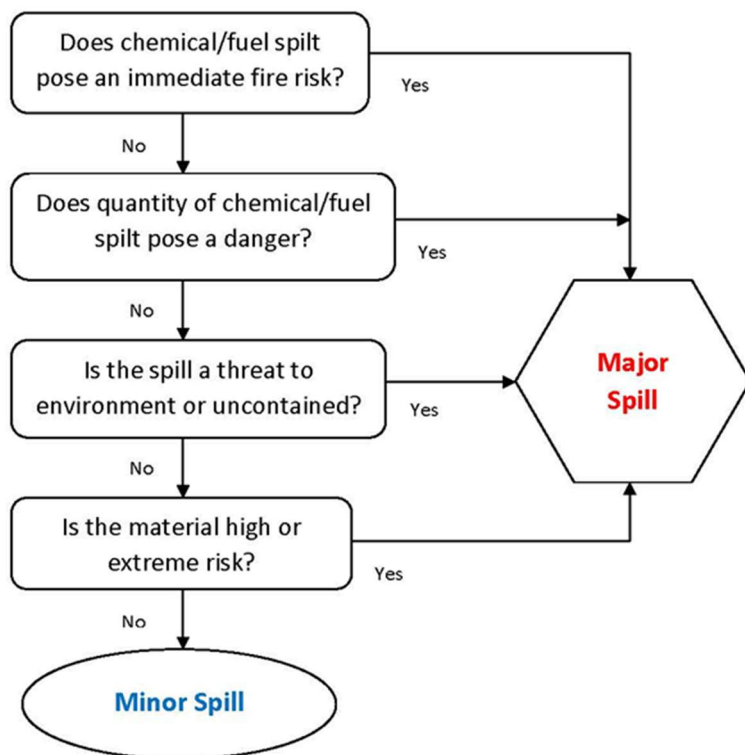
Refresher training will be provided within 30 days of the following:

- Pollution Incident.
- PIRMP Tests.
- PIRMP Updates / Revisions.

3.3 Spill Response

All Employees and contractors working on-site will be made aware of the correct procedures in the event of a chemical/fuel spill, including the appropriate PPE (for example, gloves and safety glasses). Prompt response to a chemical spill, whether a minor or major spill, will likely limit the consequences. Spills will be either minor or major depending on the volume, location and hazard of the material. Figure 7 provides a quick reference.

Figure 7 *Defining Minor or Major Spill*

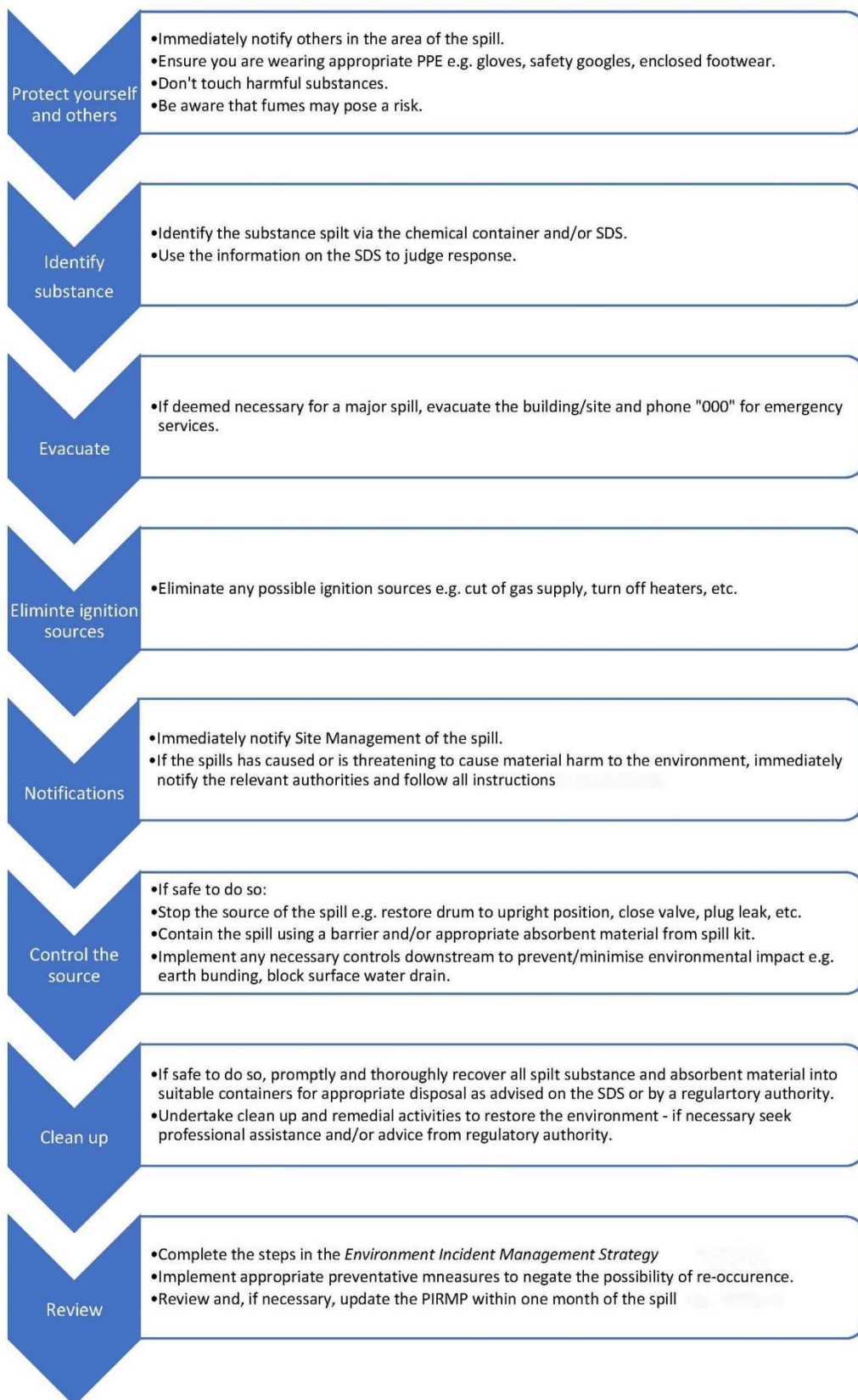


A minor spill is one that an individual can clean up. The information on the respective SDS can typically be followed in the event of a minor chemical or fuel spill.

The chance of a major spill at Rushes Creek is considered highly unlikely given the low volumes of chemicals and fuels to be stored and used on-site, the nature of these chemicals and fuels, and the storage facilities.

Figure 8 provides the response procedures for a chemical/fuel spill.

Figure 8 ***Spill Response***



3.4 Site Evacuation Procedure

Minimising the potential for impact to persons on-site at Rushes Creek during a pollution incident must be the highest priority. If a pollution incident requires site evacuation, actions will be completed in accordance with the Site Evacuation Procedure. In the event of an evacuation:

- 1 The alarm system will be sounded.
- 2 The Site Warden (or other nominated staff member) will contact emergency services by phoning “000” if the incident presents an immediate threat to human health and/or property. Any instructions provided by the emergency services will be strictly followed.
- 3 All workers on-site at the time will promptly stop work and move to the emergency assembly area (see Figure 5) and remain there until instructed to leave. The Site Warden (or other nominated staff member) will perform a role call at the emergency assembly area.
- 4 If evacuation from the site is necessary, the Site Warden (or other nominated staff member) will lead/direct the evacuation to Rushes Creek Road or an adjoining property (subject to instructions from emergency services).
- 5 Workers will only return to work once the Site Warden (or other nominated staff member) gives the “all clear”.
- 6 ProTen’s Regional Operations Manager is to be notified as soon as possible.

All employees and contractors will be informed of the location of the emergency assembly area through site inductions, signage and on-going training.

3.5 Communication Strategy

3.5.1 Notification to Site Management

Under section 148 of the POEO Act, an employee or person conducting an activity must notify the employer of any incident that has caused or threatens to cause material harm to the environment. As such, anyone conducting work at Rushes Creek who becomes aware of an incident must notify a member of ProTen’s Site Management team of the incident and provide all relevant information about the incident. Section 3.1 contains the contact details for ProTen’s Site Management team.

3.5.2 Notification to Relevant Authorities

Under section 148 of the POEO Act, there is a duty to notify the “relevant authorities” of any incident that has caused or threatens to cause material harm to the environment. These notification responsibilities for Rushes Creek are summarised as:

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

Any person engaged as an employee or undertaking an activity (at Rushes Creek) must, immediately after becoming aware of any potential incident, notify their relevant manager of the incident and all relevant information about it. This is to be undertaken as per Section 3; and

- The duty of the employer or occupier of a premises to notify:
An employer or occupier of the premises on which the incident occurs, who is notified (or otherwise becomes aware of) a potential pollution incident, must undertake notification to the appropriate regulatory authorities of any “material harm incidents”, as defined in Section 1.3, including relevant information. Notification shall be undertaken by Senior Management (with prior authorisation from ProTen CEO) as per Section 3.

In accordance with subsection 148(8) of the POEO Act, the relevant authorities for Rushes Creek are:

- Council
- EPA
- NSW Health
- SafeWork NSW
- Fire and Rescue NSW

Table 10 lists the contact details for the relevant regulatory authorities for Rushes Creek.

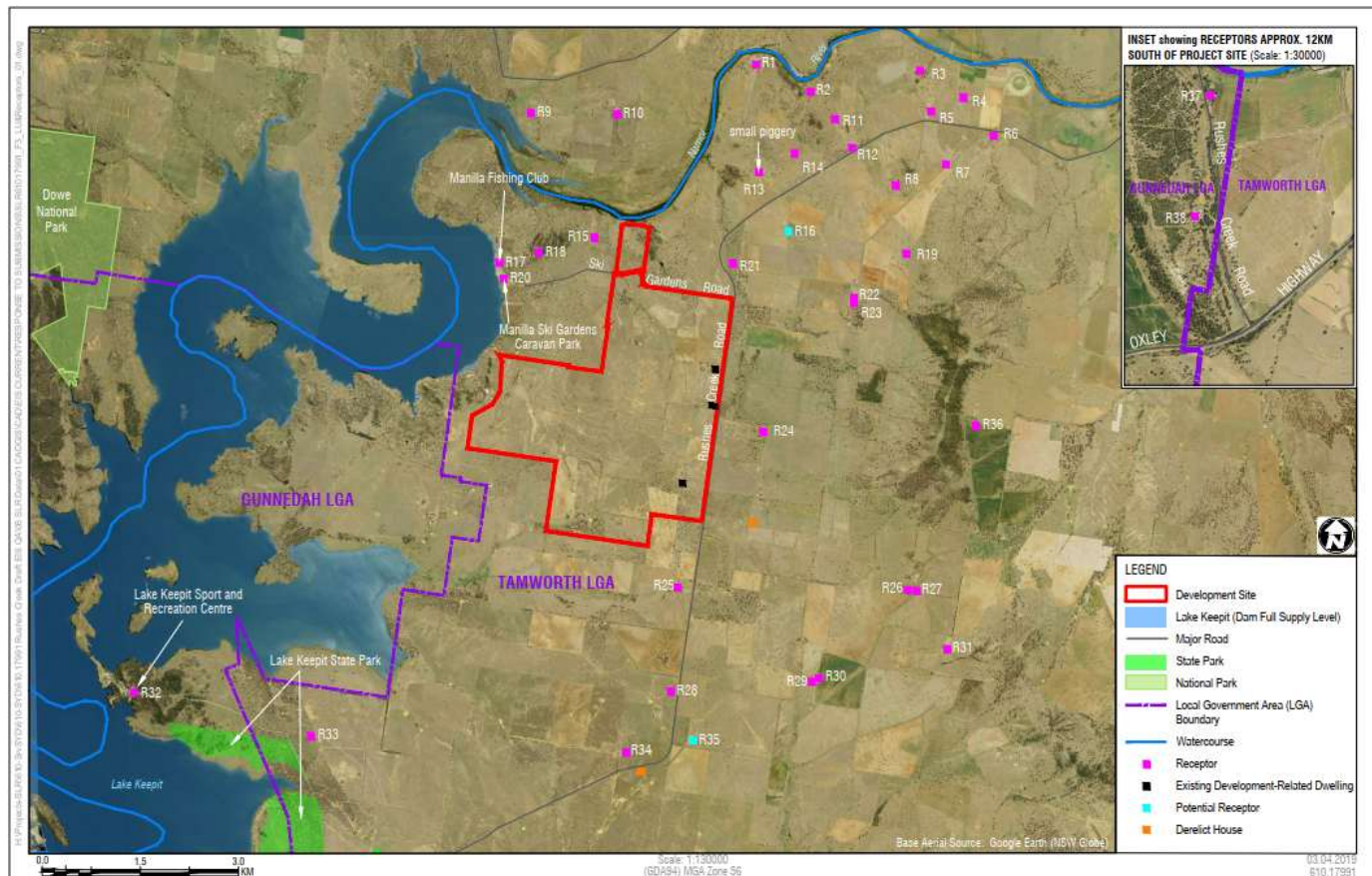
Table 10 **Relevant Regulatory Authorities**

Regulatory Authority	Contact Details
Tamworth Regional Council	
Customer Service Call Centre (Compliance Team)	Ph: 02 6767 5555 or 1300 733 625 Email: trc@tamworth.nsw.gov.au
Environment Protection Authority	
Environment Line	Ph: 131 555 Email: info@epa.nsw.gov.au
Narrabri Regional Office	Ph: 02 6792 4020 Email: gas.reg@epa.nsw.gov.au
NSW Health	
Tamworth Local Health District – Public Health	Ph: 02 6764 8000
SafeWork NSW	
Incident Notification Hotline	Ph: 131 050
Fire and Rescue NSW	
Zone Office Regional North 3 – Peel	Ph: 02 5732 8400

3.5.3 Notification to Neighbouring Land Users and Local Community

Rushes Creek is located within a rural setting that is removed from any populated areas, with the nearest being the village of Manilla approximately 21km to the northeast. The Site also has a relatively low density of surrounding residences, with the nearest identified on Figure 9. A list of adjoining neighbours and local community contact details will be available on site should notification be required.

Figure 9 Surrounding Land Uses and Receptors



In the event of a pollution incident that has caused or threatens to cause material harm to the environment, ProTen's Senior Management will consult with the relevant authorities (see Section 3.5.2) to determine if neighbouring land users and the wider community are to be notified of the pollution incident. When determining the appropriate response and notification process for a particular pollution incident, all aspects of the event will be taken into consideration (for example, type and extent of pollution).

Community stakeholders can submit inquiries and/or complaints to ProTen via the following ways:

- Phone – ProTen’s toll-free environmental hotline 1800 776 994 (listed on the company website); or
- Email – headoffice@proten.com.au; or
- In writing – PO Box 1746, North Sydney NSW 2059.

3.6 Actions During a Pollution Incident

During a pollution incident, ProTen will respond promptly to prevent or reduce any adverse environmental impact. Actions taken during Pollution Events will be completed in accordance with the Site Emergency Plan and generally involve:

- Where possible and safe to do so, immediate action should be taken to prevent, stop, contain and/or minimise the environmental impact of the incident.
- Undertake notification procedure.
- Undertake investigation into the cause of the incident, gathering information and photos.
- Assess need for additional (response) controls and remedial works.
- Review information from investigation and identify ongoing actions.
- Ongoing consultation with agencies or stakeholders.

3.7 Minimising Harm to Persons on the Premises

All staff and contractors are inducted and trained prior to completing work on site. The site induction describes procedures for minimising the chance of a pollution incident occurring, notification processes, managing a pollution incident and actions following a pollution incident. Records of staff training are kept onsite.

Minimising the impact to persons at the site during a pollution incident must be the highest priority. In the event of a pollution incident requiring the evacuation of the site, actions will be completed in accordance with the Emergency Plan and Site Evacuation Procedure.

- Site Management is to contact emergency services if required.
- Site Management (or nominee in their absence) is the only person to coordinate with the emergency services.
- Employees are to promptly stop work and move to the nearest emergency assembly area and remain there until instructed to leave.
- Site Management is to perform a roll call.
- Once Site Management gives the all-clear employees can return to work.

All staff are informed of the location of Emergency Assembly Areas through site inductions, signage, and on-going training. As part of the preparation of the PIRMP, the key aspects of the PIRMP will be

provided to staff and contractors. The PIRMP will be tested every twelve months as detailed in Section 3.10.

3.8 Communication with Neighbours and the Local Community

In the event of a pollution incident, ProTen have established the following processes for contacting the local community:

- Site Management will consult with the regulatory authorities to determine if the community is to be notified of the pollution incident and will discuss the most appropriate communication strategy with the regulatory authorities (for example, media release or direct contact with those potentially impacted).
- When determining the appropriate response and notification process for a particular pollution incident, all aspects of the pollution event will be taken into consideration, e.g., the type and extent of pollution. Notification strategies may include door knocking, letter drop, phone calls, SMS, or email where contact details are available, notifications on social and mass media as appropriate to the circumstances.
- Notification of neighbouring properties shall be undertaken at the determination of Site Management. Determination will be risk based on considering materiality of the event, incident type and prevailing conditions.

The following notification methodology is proposed to be utilised as required:

- Immediate contact during an incident for neighbours at risk of downstream / flow-on impacts.
- Early warnings: same day telephone notification to landholders who may be affected by the incident over the subsequent 24-hour period.
- Updates: follow up phone calls to all landholders who may have been notified by the initial early warning.
- Updates are to be provided to the broader local community in affected areas via information sheets or newsletters, ProTen website, media statements or any other strategy as deemed necessary. Information provided to the community will be relevant to the incident and may include the following details:
 - a) Type of incident that has occurred.
 - b) Type of pollutant.
 - c) Prevailing winds.
 - d) Magnitude of the emission.
 - e) The likelihood of the pollutant reaching ground level.
 - f) Potential impacts on any sensitive receptors, the local landholders, and the community.
 - g) Site contact details.
 - h) Advice or recommendations based on the incident type and scale.

3.9 Actions Following a Pollution Incident

In the event of a pollution incident, a detailed incident investigation will be completed by the site Manager (or delegate) and a report will be sent to the Managing Director.

A detailed incident report will be sent to the EPA and relevant agencies, which outlines the following:

- date, time, and nature of the pollution incident.
- identifying the cause (or likely cause) of the pollution incident.
- describing what action has been taken to date.
- describing proposed measures to address the pollution incident.

ProTen will also participate in any external investigation processes, if required.

Within a month following a pollution incident, the PIRMP will be reviewed and tested. ProTen will continue to liaise with the relevant authorities to reduce the likelihood of incident recurrence.

All staff and contractors will receive the necessary refresher training and the key outcomes of the incident investigation will be reported to staff and contractors.

3.10 Testing and Communication

3.10.1 Testing the PIRMP

PIRMP testing will be coordinated by the Farm Manager and undertaken to ensure that the information included in the PIRMP is accurate and up to date, and that the PIRMP is capable of being implemented in a workable and effective manner.

Routine testing of the PIRMP will be conducted annually in September or within 30 days of any pollution incident occurring, and can be completed through the following methods:

Incident response.

Simulated environmental emergency.

Desktop simulations.

Records documenting the date on which the Plan was tested and the name of the staff members who carried out the testing will be maintained (refer **Appendix C**). Each test will be maintained on record for at least 4 years.

3.10.2 Review

The PIRMP will be reviewed and tested every 12 months in accordance with the General Regulations. Reviews and tests are to be carried out in a manner that ensures the information included in the PIRMP is accurate and current and ensures that the PIRMP is capable of being implemented in a workable and effective manner.

Where PIRMP Reviews identify elements that require the PIRMP to be updated, revisions will be undertaken within 30 days of completing the review. The version number and date of the PIRMP is to be updated within the revision record.

Reviews are to be coordinated by the Farm Manager. The objectives of a review are:

- To maintain compliance with the statutory requirements.
- Consider changes on activities on neighbouring properties.
- To identify opportunities for improvement in the PIRMP.

PIRMP Reviews will be undertaken on event and time-based triggers.

3.10.3 Time Based

This management plan will be reviewed every 12 months in September. The Plan review will include:

- This Document.
- Legislation, Approval and Licence changes.

PIRMP reviews will be undertaken regularly to ensure the PIRMP is current and fit for purpose.

Reviews will be coordinated by the Farm Manager with the following objectives:

- Identify and consider changes to site (infrastructure, processes, practices).
- Identify and consider changes to the strategic and statutory context.
- Identify and consider changes to ownership / development status of neighbouring properties.
- Identify and consider opportunities for improvement in the Plan.

3.10.4 Event Based

Events which may trigger a review of this Plan, or its associated documents include:

- Reporting to the nominated parties in accordance with the plan.
- Activating the PIRMP (within 30 days).
- Completing PIRMP Testing (within 30 days).
- Change of operations including significant increase of production capacity, significant new plant and equipment is installed or upgraded and when the layout of the site is changed (e.g., relocation of a chemical storage area), requiring a new risk assessment (prior to operation of the change).
- Modification/Improvement to site processes (prior to operation of the change).

4.0 Environmental Incident Management Strategy

4.1 Definitions

The POEO Act provides the following definitions:

Pollution – means –

- a) Water pollution, or
- b) Air pollution, or
- c) Noise pollution, or
- d) Land pollution.

Pollution incident – means an incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise.

Material harm to the environment –

3 For the purposes of this Part –

c) Harm to the environment is material if –

- iii. It involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial, or
- iv. it results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (or such other amount as is prescribed by the regulations), and

d) loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment.

4 For the purposes of this Part, it does not matter that harm to the environment is caused only in the premises where the pollution incident occurs.

4.2 Performance Objectives

To ensure that any environmental incident caused by or relating to the Rushes Creek poultry farm is effectively responded to, and any resulting adverse environmental and/or community impact is promptly prevented or effectively managed.

4.3 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 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 Site Management of any environmental incident – see ProTen contact details in **Section** Error! Reference source not found.; and
- Take immediate action (where it is safe to do so) to prevent, stop, contain and/or minimise the environmental impact of the incident – see spill response procedure **Section** Error! Reference source not found..

4.4 Notifications

Under the POEO Act, there is a duty to notify the relevant authorities of any incident that has caused or threatens to cause material harm to the environment. The notifications requirements and contact details for the authorities are provided in **Section** Error! Reference source not found..

4.5 Handling Procedure

Preventative Action

Where possible and 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. See the spill response procedure in **Section** Error! Reference source not found..

In the unlikely event that a pollution incident requires site evacuation, actions will be completed in accordance with the Site Evacuation Procedure – see **Section** Error! Reference source not found.. All employees and contractors will be informed of the location of emergency assembly areas through site inductions and toolbox talks.

Assistance

Where assistance is required handling the situation, ProTen's Regional Operations Manager and/or SHEQ should be contacted – contact details in **Section** Error! Reference source not found..

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

If adequate resources are not available and the incident threatens public health or property, emergency services should be contacted by telephoning "000" for assistance.

Investigate

A field investigation should be immediately initiated to determine the cause of the incident.

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

Remedial Action

Once the cause of the incident has been established, every possible effort must be made to undertake appropriate remedial action(s) to fix the cause of the incident and mitigate any further impact. In some instances, outside resources such as specialist contractors/consultants may be required.

Additional controls for managing chemical spills include:

- Advise relevant regulatory authorities if spill is considered significant or threatening material harm and adhere to any instructions issued by them.
- Where possible, contain spillage with Adsorb or similar material.
- Remove contaminated soil and or/absorption material to an approved disposal site as advised by the EPA or Council.
- For minor spills the actions indicated in the SDSs relating to spills or leaks should be followed.

Record

It is imperative that an honest assessment of the situation is carried out and documented. Every environment incident is to be recorded on ProTen's standard *Environmental Incident Report Form* contained in **Appendix B** and a copy of the completed form is to be maintained for at least 4 years.

4.6 Preventative Action

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

Additionally, this PIRMP should be reviewed within one month of any pollution incident. The review should ensure that the information is accurate and current and ensure that the PIRMP is capable of being implemented in a workable and effective manner.

5.0 References

Australian Chicken Meat Federation (2010) National Farm Biosecurity Manual for Chicken Growers
Department of Agriculture, Fisheries and Forestry (2009) National Water Biosecurity Manual – Poultry Production
Department of Primary Industries (2012) Best Practice Management for Meat Chicken Production in NSW
Department of Planning (2011) Hazardous and Offensive Development Application Guidelines, Applying SEPP 33
EME Advisory (2020) Re-Development of the Rushes Creek Poultry Production Farm, Environmental Impact Statement
EME Advisory (2021) Rushes Creek Poultry Production Farm, Operational Environmental Management Plan
EME Advisory (2022) Rushes Creek Poultry Production Farm, Biosecurity and Emergency Disposal Plan
Environment Protection Authority (2014) Waste Classification Guidelines Waste Classification Guidelines Part 1: Classifying Waste
Environment Protection Authority (2020) Guideline: Pollution Incident Response Management Plans
SLR Consulting Australia (2023) Modification Report Modification 4, SSD 7704

Appendix A Risk Assessment

PROTEN Pollution Incident Response Management Plan (PIRMP) – Rushes Creek

Risk No.	Hazard	Potential Risk	Current Controls	Risk Rating with Current Controls		
				Consequence	Likelihood	Risk Rating
1	Spill	Minor chemical/fuel spill causing impact to the environment and/or human health.	- Chemicals stored and handled in accordance with the relevant AS and EPA requirements. - Diesel stored in aboveground bunded tanks, with the minimum bund volume being 110% of the respectively tank capacity. Tanks located away from the chemical store and away from anything else considered flammable. - SDSs maintained within the office-workshop and/or chemical store. - Spill kits maintained within the office-workshop and/or chemical store. - PPE maintained within the office-workshop and/or chemical store. - Employees/contractors instructed in the proper use and handling of chemicals/fuels, as well as spill response.	3	C	Medium
2		Major chemical/fuel spill causing impact to the environment and/or human health.		5	E	Medium
3	Water	Failure of the surface water management system resulting in off-site discharge from retention dams.	- Poultry shed wash down water and rainfall runoff within the farm bounds captured in the engineered surface water management system conservatively designed to cater for a 1% AEP 72-hour event. - On-going inspections and maintenance program to ensure the continued integrity and efficiency of the surface water management system. - Dry-cleaning practices at the end of cycle maximised within the poultry sheds to minimise the volume of wash water and the amount of poultry litter (and	3	B	Medium

PROTEN Pollution Incident Response Management Plan (PIRMP) – Rushes Creek

Risk No.	Hazard	Potential Risk	Current Controls	Risk Rating with Current Controls		
				Consequence	Likelihood	Risk Rating
			associated sediments and nutrients) in the wash down water.			
4		Retention dams leak leading to groundwater infiltration.	Internal surfaces of the retention dams compacted or lined to provide an impermeable surface.	3	D	Low
5		Failure of the sewage management system servicing the staff amenities leading to surface water and/or groundwater impact.	- AWTS installed providing secondary level treatment for the relatively small volume of sewage to be generated by the staff amenities. - AWTS serviced and maintained in accordance with the manufacturer's specifications and Council requirements.	2	D	Low
6	Waste	Failure of the solid waste management systems leading to on-site stockpiling and/or disposal and associated environmental impact.	- Waste streams will be managed in accordance with the reuse/recycling/disposal methods listed in the EIS, modification reports and PIRMP. - Waste materials removed from site for reuse/recycling/disposal will be directed to a facility lawfully permitted to accept the respective material. - There will not be any on-site stockpiling or disposal of waste, including poultry litter and dead birds. - Waste materials generated elsewhere will not be received on-site for any purpose.	3	D	Low
7	Mass Mortality	Mass Mortality event leading to on-site stockpiling and/or disposal of birds and associated	A range of proven biosecurity measures implemented on a routine basis in accordance with government and industry guidelines.	4	E	Low

Risk No.	Hazard	Potential Risk	Current Controls	Risk Rating with Current Controls		
				Consequence	Likelihood	Risk Rating
		environmental impact.	- Quarantine, slaughter and disposal procedures detailed in the Biosecurity and Emergency Disposal Plan prepared in compliance with the latest versions of AUSVETPLAN: <i>Operational Manual – Destruction of Animals</i> and AUSVETPLAN: <i>Operational Manual – Disposal</i>. - The preferred disposal option in the event of mass mortality is in-shed composting, which has been identified by emergency management agencies as a preferred method of carcass disposal. When undertaken properly in enclosed sheds with sealed flooring, in-shed composting should not result in any notable environmental impact.			
8	Fire	Fire event in and/or around the poultry sheds and ancillaries causing a nearby combustible load to be ignited.	- The walls of the poultry sheds are made of fire-retardant insulated panels. Buildings, including electrical installations and fire provisions, designed, constructed and maintained in compliance with the relevant requirements of the BCA and relevant AS. - Diesel tanks located maintained away from the chemical store and away from anything else considered flammable. - Water storage tanks (combined 2,500 kL) are interconnected and automatically filled via a pressurised line to remain near capacity. These tanks are available for fire-fighting purposes, with one fitted with a 150 mm large bore suction connection for FRNSW and two 65 mm small bore suction connections for NSW RFS.	4	D	Medium

Risk No.	Hazard	Potential Risk	Current Controls	Risk Rating with Current Controls		
				Consequence	Likelihood	Risk Rating
			- General housekeeping regularly undertaken to ensure any trees/shrubs in the vicinity of electrical installations are adequately pruned or removed to maintained clearance and the areas around electrical installations are kept clear of any combustible materials. - PPE maintained within the office-workshop and/or chemical store.			
9			- Fire-fighting runoff expected to enter the engineered surface water management system, which has been conservatively designed to cater for a 1% AEP 72-hour event and be captured in the retention dams. - On-going inspection and maintenance program to ensure the continued integrity and efficiency of the surface water management system.	3	D	Low

Step 1 – Consequence Criteria

Level		Description
1	Insignificant	• Incident that causes negligible reversible environmental impact requiring very minor or no remediation. • No injuries and no first aid required. • Very low financial impact.
2	Minor	• Incident that causes minor reversible environmental impact requiring minor remediation. • Minor spill immediately contained with no off-site impacts. injuries and no first aid required. • Minor injuries requiring only first aid treatment. • Low financial impact.
3	Moderate	• Incident that has caused moderate reversible environment impact with short-term effect requiring moderate remediation. • Minor spill contained without external assistance. • Injuries requiring medical treatment. • Moderate financial impact.
4	Major	• Incident that causes serious environmental impact with medium term effects requiring significant remediation. • Major spill with off-site impacts. • Significant injuries requiring medical treatment. • Major financial impact.
5	Catastrophic	• Incident that causes disastrous environmental impact with long term effect requiring major remediation. • Major uncontained spill with off-site impacts. • Permanent disability and/or death. • Huge financial impact.

Step 2 – Likelihood Criteria

Level		Description
A	Almost certain	- Incident is anticipated to occur on multiple occasions. - Event is likely to occur more than twice a year.
B	Likely	- Incident is likely to occur at least once. - Incident is likely to occur once or twice a year.
C	Possible	- Incident may occur. - Incident is likely to occur more than once or twice in a 5 year period.
D	Unlikely	- Incident is unlikely to occur. - Incident is likely to occur once or twice in a 10 year period.
E	Rare	- Incident is anticipated to occur only in exceptional circumstances. - Incident is likely to occur once or twice in a 20 year period.

Step 3 – Likelihood Criteria

Likelihood	Consequence				
	5 – Catastrophic	4 – Major	3 – Moderate	2 – Minor	1 – Insignificant
A – Almost Certain	High	High	High	Medium	Medium
B – Likely	High	High	Medium	Medium	Low
C – Possible	High	Medium	Medium	Low	Low
D – Unlikely	Medium	Medium	Low	Low	Low
E – Rare	Medium	Low	Low	Low	Low

Appendix B Environmental Incident Report Form

Appendix C Chemical Register

Appendix D PIRMP Testing History

PROTEN Pollution Incident Response Management Plan (PIRMP) – Rushes Creek

Revision/ Version	Date	Prepared By	Details of Test/Update	Change Description	Next Review
1	September 2022	ProTen	PIRMP handout to all farm staff detailing what classifies as a pollution incident and the correct procedure to follow in the event of a pollution incident at the Rushes Creek Farm. PIRMP quiz completed by all farm staff with sign off by the Farm Manager.	Annual PIRMP test	September 2023
2	September 2023	ProTen	PIRMP handout to all farm staff detailing what classifies as a pollution incident and the correct procedure to follow in the event of a pollution incident at the Rushes Creek Farm. PIRMP quiz completed by all farm staff with sign off by the Farm Manager.	Test following activation of PIRMP on 14 November 2022	September 2015
3	September 2023	ProTen	PIRMP handout to all farm staff detailing what classifies as a pollution incident and the correct procedure to follow in the event of a pollution incident at the Rushes Creek Farm. PIRMP quiz completed by all farm staff with sign off by the Farm Manager.	Update of PIRMP testing history and contact details.	September 2024
4	September 2025	ProTen	PIRMP handout to all farm staff detailing what classifies as a pollution incident and the correct procedure to follow in the event of a pollution incident at the Rushes Creek Farm. PIRMP quiz completed by all farm staff with sign off by the Farm Manager.	Update of PIRMP testing history and contact details.	September 2026

 ProTen	Environmental Incident Report Form
	PRT-F-SHEQ-070

Section A - Incident Details

Incident Details	
ProTen Farm	
Date	
Time	
Description of incident	
Recorded by	
Investigation	
Has the incident caused, or does it threaten to cause material harm to the environment?	YES / NO If yes, implement PIRMP (NSW) and contact EPA and Authorities as per section B Comments:
Person responsible for investigating and Reporting	
Investigation method	
Findings of investigation	
Action Taken and Close Out	
Remedial Action taken	Yes/No If Yes, Describe:



Further Corrective Action required	Yes/No If Yes, Describe:
Report submitted to EPA	Date Time
Close out	Name: Title: Signature: Date:

 ProTen	Environmental Incident Report Form	
	PRT-F-SHEQ-070	

Section B – Notification of Authorities for PIRMP

Authority:	Emergency Services – Fire/Police/Ambulance		
Date:		Time:	
Person Spoken to:			
instructions			
Authority:	EPA		
Date:		Time:	
Person Spoken to:			
EPA Incident Number:			
instructions			
Authority:	EPA – Local Office		
Date:		Time:	
Person Spoken to:			
instructions			
Authority:	NSW Health		
Date:		Time:	
Person Spoken to:			
instructions			
Authority:	Safework NSW		
Date:		Time:	
Person Spoken to:			
instructions			
Authority:	Local Council		
Date:		Time:	
Person Spoken to:			
instructions			
Authority:	DPE		
Date:		Time:	
Person Spoken to:			
instructions			

Rushes Creek - CHEMICAL REGISTER

UPDATED: 24/09/2025

Product	Description	Preferred Supplier	Hazardous Substance (Y/N)	Dangerous Goods Class	Poisons Standard (SUSMP)	SDS expiry Date	UN#	APVMA#	Unit Weight	Maximum Stock Qty	Storage Location	Usage
2 stroke oil LS+	Two Stroke Oil	NA	N	NA	NA	25/01/2027	NA	NA	1L	1L	Workshop	Oil for 2 stroke motors
15W-40 Engine Oil	Heavy Duty Engine Oil		N	NA	NA	31/01/2028	NA	NA	20L	20L	Workshop	Engine oil for Powered Mobile plant
Bisolve	Sanitizer	Baiada	Y	NA	NA	15/04/2026	1824	31114/113373	20L	250L	Chemical Shed	Sanitising Drinker Lines
Ambicide	Disinfectant	Baiada	Y	NA	NA	13/04/2026	3082	53720/113151	20L	250L	Chemical Shed	Wheel Wash
Adblue	Exhaust Scrubbing agent		N	NA	NA	18/01/2027	NA	NA	1000L	2000L	Generator Bank	Exhaust Scrubbing agent for diesel motors (NOx reduction in exhaust gases)
Ag-HDF Detergent	Detergent	Baiada	N	8	NA	7/01/2029	1824	NA	20L	1000L	Chemical Shed	Washing Sheds
Agri Grease	lubricant	Collier and Miller	N	NA	NA	8/06/2029	NA	NA	450g	12*450g	Workshop	greasing machinery
Amplify 95	Unleaded Fuel	Yenda Producers	Y	3 (PG I)	S5	15/10/2025	1203	N/A	20L	60L	Workshop	Fuel for farm equipment
BeetleBETA	Insecticide spray for litter beetle		Y	NA	S6	20/07/2026	NA	66448	1L	NA	ON Farm during cleanout, none stored on farm	Sprayed on empty sheds to Control litter beetle
Circacid S	CIP Cleaner	Baiada	Y	8	NA	21/11/2028	7/12/1908	NA	NA	15L	450L	Cleaning of equipment and cool cells
Citric Acid	Ph reduction	Integra	Y	N/A	NA	10/03/2030	N/A	500L	500L	Pump shed	Water pH buffering	Water buffering
Diesel	Automotive Diesel Fuel	Ampol	Y	C1 Combustible 9 (PG III)	S5	23/06/2026	3082	N/A	Generator 1 - 600L Generator 1 Above Ground Tank - 2250L Generator 2 - 600L Generator 2 Above Ground Tank - 2250L Generator 3 - 450L Generator 4 - 450L	Total for site = 6600L	Generators	Fuel for tractor and generators
Elector PSP	Pesticide	Elanco	Y	9	S5	23/11/2028	3082	59422	1L	N/A	ON Farm during cleanout none stored on farm	Sprayed on empty sheds to Control litter beetle
Fendona Plus 60	Insecticide and Termiticide	Griffith Feed and Grain	Y	N/A	S6	9/05/2026	N/A	80739	1L	20L	Chemical Shed	Control of Spiders and insects
Glyphosate 450	Herbicide	Griffith Feed and Grain	Y	NA	N/A	1/11/2026	N/A	65081/119892	25L	50L	Chemical Shed	Control of Weeds
Hydraulic 46	Hydraulic oil		N	NA	NA	22/07/2026	NA	NA	20L	20L	Workshop	Gear Box oil for Mhydraulic fluidannual transmissions
Hyperox	Disinfectant	Baiada	Y	NA	NA	27/08/2026	NA	61606/119555	20L	250L	Chemical Shed	Foam Cleaner
Hypochlorite Solution 13%	Water Sanitation	Bunnings	Y	PGIII	NA	1/08/2030	1791	NA	15L	50L	Chemical Shed	Water Sanitation
KLEER	Hand Sanitiser 70% alcohol	Rapid Clean	Y	NA	NA	16/02/2026	1170	NA	500ml	25L	Every entrance/Office	Sanitising hands prior to entry to farm and sheds
Larvabeta	Insecticide	Baiada	Y	PGIII	S6	20/07/2026	3082	84858/111568	1L	15L	Chemical Shed	Sprayed on empty sheds to Control litter beetle
LPG	Liquefied Petroleum Gas	Elgas	Y	N	S6	31/09/2028	NA	68355	67500 L	9 x 7500litre Tanks	Above Ground Tank	Heating sheds
Northfork GECAToilet & Urinal Cleaner	Toilet & Urinal Cleaner	Wurth	Y	N/A	N/A	19/04/2026	N/A	N/A	15L	30L	Chemical Shed	Cleaning Toilets
Oxysept Agri	Sanitizer	Baiada	Y	8 (PG II)	S6	26/04/2027	3149	70095/62499	20L Drum	100L	Chemical Shed	Sanitizing Sheds
Paraquat	Herbicide (Paraquat)	Griffith Feed and Grain	Y	Y	S7	30/11/2026	3/04/1908	66103	15L	15L	Chemical Shed	Glyphosate Resistant Weeds (Authorisation required)
Product	Description	Preferred Supplier	Hazardous Substance (Y/N)	Dangerous Goods Class	Poisons Standard (SUSMP)	SDS expiry Date	UN#	APVMA#	Unit Weight	Maximum Stock Qty	Storage Location	Usage
Prolong Ultra Fly and Litter Beetle	Insecticide spray for litter beetle		Y	9 (PG III)	S6	15/07/2026	3082	66483	500mL	NA	On Farm during cleanout none stored on farm	Sprayed on empty sheds to Control litter beetle
Radiator Coolant - Blue	Radiator Coolant	Wurth	Y	N/A	S6	22/01/2029	N/A	N/A	20	40L	Chemical Shed	Radiator Coolant for Farm Vehicles
Radiator Coolant - Green	Radiator Coolant	Wurth	Y	N/A	S6	22/01/2029	N/A	N/A	20	40L	Chemical Shed	Radiator Coolant for Farm Vehicles
Radiator Coolant - Red	Radiator Coolant	Wurth	Y	N/A	S6	22/01/2029	N/A	N/A	20	40L	Chemical Shed	Radiator Coolant for Farm Vehicles
Ratshot Blue Blocks	Rodenticide Blocks	Griffith Feed and Grain	N	N/A	N/A	30/11/2026	N/A	68762	10kg Buckets	100kg	Chemical Shed	Control of rodents

Ratshot Red Blocks	Rodenticide Blocks	Griffith Feed and Grain	N	N/A	NA	30/11/2026	N/A	69209	10kg Buckets	100kg	Chemical Shed	Control of rodents
Roundup Ready	Glyphosate Herbicide	Griffith Feed and Grain	Y	N	N/A	8/10/2026		N/A	25 L	50 L	Chemical Shed	Control of Weeds
Sanigard	Sanitiser	Baiada	Y	NA	NA	3/08/2026	NA	NA	20L	200L	chemical shed	Footbaths
Sodium Hypochlorite 12.5%	Liquid Chlorine	Integra	Y	8 (PG III)	N/A	10/03/2030	1791	NA	200 L	800 L	Water Treatment Room	Water Sanitation
Surefire all weather blocks rodenticide	Rodenticide Blocks	Griffith Feed and Grain	Y	N	S6	12/10/2025	NA	59876	10kg Buckets	100kg	Chemical Shed	Control of rodents
Surefire Zinc Phosphide	Rodenticide	Griffith Feed and Grain	Y	4.3(III)	S7	13/05/2026	3134	45797	10kg Buckets	100kg	Chemical Shed	Control of rodents
Territory 500 WG	Herbicide	Griffith Feed and Grain	Y	9	N/A	30/11/2026	3077	NA	88880/122725	2kg Bags	Chemical Shed	Residual Control of Weeds
Total Kleen	General Cleaner – Washing Sheds		N/A	N/A	S5	1/02/2027	N/A	N/A	25L	N/A	ON Farm during cleanout, none stored on farm	Detergent for washing sheds between batches
Twin Oxide Part A	Water Sanitation	Integra	Y	5.1 (PGII)	S6	23/01/2028	1476	N/A	20L	160L	Pump Shed	Water Sanitation
Twin Oxide Part B	Water Sanitation	Integra	Y	NA	N/A	23/01/2028	NA	N/A	20 L	160L	Pump Shed	Water Sanitation
Twin Oxide Solution 0.7%	Water Sanitation	Integra	N	NA	NA	5/08/2026	NA	NA	200L	200L	Pump Shed	Water Sanitation
Victor	Toilet cleaner	Castle Chemicals	Y	NA	S5	30/09/2026	NA	NA	5L	10L	Amenities storage room	Cleaning toilets
Virkon S	Disinfectant	Baiada	Y	NA	S6	14/01/2026	NA	48185	10kg Buckets	120kg	Chemical Shed	Footbaths
Virkon S Tablets	Disinfectant	Baiada	Y	NA	S6	9/03/2026	NA	48185	5kg	120kg	Chemical Shed	Footbaths
Washbright	Laundry detergent	NA	Y	NA	S5	7/12/2026	NA	NA	25kg	25kg	Amenities storage room	Washing farm clothing

NB. All other Substances may only be kept in minor quantities of less than 5L or 5kg. Any quantity above this will be required to be approved and added to the Chemical Register