



Department of  
Primary Industries

# *Pollution Incident Response Management Plan*

Narrandera Fisheries Centre

April 2019

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## 1.0 Background

The *Protection of the Environment Legislation Amendment Act 2011* (POELA Act) was introduced resulting in changes to the *Protection of the Environment Operations Act 1997* (POEO Act). The intent of the POELA Act is to improve the way pollution incidents are reported and managed. Provisions include a requirement for holders of Environmental Protection Licences (EPLs) to prepare, keep, test and implement a Pollution Incident Response Management Plan (PIRMP).

This PIRMP has been developed for the Narrandera Fisheries Centre (hereafter NFC) to satisfy pollution reporting obligations under the POEO Act. This plan outlines the classification, testing, reporting, and management requirements of an environmental pollution incident. The objectives of this plan is to ensure an environmental pollution incident is communicated to all relevant groups and individuals, to prevent, minimise and control the risk of an environmental pollution incident, and also, appropriately establish and maintain the plan.

This plan is a mandatory document on all NSW projects issued with an Environmental Protection Licence (EPL).

## 2.0 PIRMP Regulatory Requirements

The specific requirements for PIRMPs are set out in Part 5.7A of the POEO Act and the *Protection of the Environment Operations (General) Regulation 2009* (POEO(G) Regulation).

In summary, this legislation requires the following:

- All holders of EPLs must prepare a pollution incident response management plan (section 153A, POEO Act);
- The plan must include the information detailed in the POEO Act (section 153C) and the POEO(G) Regulation (clause 98C) and be in the form required by the POEO(G) Regulation (clause 98B);
- Licensees must keep the plan at the premises to which the EPL relates (section 153D, POEO Act);
- Licensees must test the plan in accordance with the POEO(G) (at least every 12 months and after a pollution incident) in accordance with the POEO(G) Regulation (clause 98E); and
- If a pollution incident occurs in the course of an activity so that material harm to the environment is caused or threatened, licensees must immediately implement the plan (section 153F, POEO Act).

**Table 1.** Information required under section 153C of the POEO Act and clause 98C of the POEO(G) Regulation and where this information is located within this document.

<b>Section</b>	<b>Detail required</b>	<b>Locality in document</b>
153C (a)	<p>The procedures to be followed by the holder of the relevant EPL in notifying a pollution incident to:</p> <p>(i) The owners or occupiers of premises in the vicinity of the premises to which the EPL relates, and</p> <p>(ii) The local authority for the area in which the premises to which the EPL relates are located and any area affected, or potentially affected, by the pollution, and</p> <p>(iii) Any persons or authorities required to be notified by Part 5.7 (of the POEO Act).</p>	<p>Section 8.3</p> <p>Section 8.2</p> <p>Section 8.3</p>
153C (b)	A detailed description of the action to be taken, immediately after a pollution incident, by the holder of the relevant EPL to reduce or control any pollution.	<p>Section 4.0</p> <p>Section 7.0</p>
153C (c)	The procedures to be followed for co-ordinating, 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.	<p>Section 4.0</p> <p>Section 8.2</p>
153C (d)	<p>Any other matter required by the regulations.</p> <p>The matters required under section 153C (d) of the Act to be included in a plan are found in POEO(G) section 98C.</p>	
98C (1) (a)	A description of the hazards to human health or the environment associated with the activity to which the licence relates (the <b>relevant activity</b> ).	Section 2.0
98C (1) (b)	The likelihood of any such hazards occurring, including details of any conditions or events that could, or would, increase that likelihood.	Section 2.0
98C (1) (c)	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.	Section 2.0
98C (1) (d)	An inventory of potential pollutants on the premises or used in carrying out the relevant activity,	Section 5.0
98C (1) (e)	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.	Section 5.0

98C (1) (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.	Section 7.0 Section 4.0
98C (1) (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 POEO Act, and (iii) Are responsible for managing the response to a pollution incident.	Section 6.0 Section 6.0 Section 6.0
98C (1) (h)	The contact details of each relevant authority referred to in section 148 of the POEO Act.	Section 5.2
98C (1) (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.	Section 8.3
98C (1) (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.	Section 2.0 Section 7.0
98C (1) (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.	Section 5.0
98C (1) (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.	Section 2.0 Section 7.0
98C (1) (m)	The nature and objectives of any staff training program in relation to the plan.	Section 9.1
98C (1) (n)	The dates on which the plan has been tested and the name of the person who carried out the test.	Section 10.0
98C (1) (o)	The dates on which the plan is updated.	Section 10.0
98C (1) (p)	The manner in which the plan is to be tested and maintained.	Section 9.2

### **3.0 Hazard Assessment and Management**

The likelihood of environmental hazards occurring at the Centre has been assessed via consultation with other staff on site, as well as Safe Work Method statements (SWMS) and Risk Assessment. Through the use of SWMS assessments, significant impacts and the risks they pose to the environment and personnel can be assessed and controls implemented to mitigate possible impacts to human health and the environment.

The risk assessment process at the Centre includes:

- Identifying possible hazards associated with day to day procedures;
- Assessing the risks to human health or the environment associated with procedures taking into account other conditions or events that may increase its likelihood; and
- Implementing safety controls to minimise or prevent risk of harm to human health or the environment.

**Table 2.** Risk Identification and Control - Hazard Assessment of Narrandera Fisheries Centre

Identified Risk	Situation	Possible hazard(s) to the environment	Possible hazard(s) to the human health	R1	Safety control(s)	R2
Hydrocarbon spill	Spill of fuel from bowsers/canister, incorrect storage of hydrocarbons onsite.	<ul style="list-style-type: none"> <li>Fuel may enter nearby water course after spill.</li> <li>Spilt fuel may ignite fire onsite.</li> </ul>	<ul style="list-style-type: none"> <li>Spilt hydrocarbons may ignite fire onsite.</li> <li>Burns, skin irritation and respiratory anomalies from coming into contact with spilt hydrocarbons.</li> </ul>	S	<ul style="list-style-type: none"> <li>Hydrocarbons are stored in a secure fully bunded fuel store.</li> <li>SWMS have been implemented to minimise accidents from use of hydrocarbons onsite and SDS information sheets which are located at/near storage point.</li> <li>Staff perform routine daily inspections of the facility and its infrastructure.</li> <li>Annual maintenance and services and periodic (quarterly) inspections of all fuel and chemical areas are completed.</li> </ul>	L
Chemical spill	Incorrect storage of chemicals on site. Accidental spill while using chemicals.	<ul style="list-style-type: none"> <li>Chemicals may enter nearby water course after spill.</li> <li>Spilt chemicals may ignite fire onsite.</li> </ul>	<ul style="list-style-type: none"> <li>Spilt chemicals may ignite fire onsite.</li> <li>Burns, skin irritation and respiratory anomalies from coming into contact with spilt chemicals.</li> </ul>	S	<ul style="list-style-type: none"> <li>All chemicals are stored in a secure fully bunded fuel store.</li> <li>SWMS have been implemented to minimise accidents from use of chemicals onsite and SDS information sheets which are located at/near storage point.</li> <li>Staff perform routine daily inspections of the facility and its infrastructure.</li> <li>Refer to the departments Chem Alert management system.</li> <li>Annual maintenance and services and periodic (quarterly) inspections of all fuel and chemical areas are completed.</li> </ul>	L

Fish kill	Fish kills may occur from disease, unfavourable environmental conditions in ponds and tanks (e.g. low dissolved oxygen levels or extreme water temperatures).	<ul style="list-style-type: none"> <li>If fish kill is due to disease this may spread to wild fish stocks.</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	L	<ul style="list-style-type: none"> <li>If a disease is detected, tanks/ponds of fish are treated with appropriate chemical to prevent further spread. Fish may need to be collected to analyse the disease.</li> <li>Dead fish are removed and transported to local tip for burial.</li> </ul>	L
Fire	Fires may either ignite on site or enter the site from surrounding bushland.	<ul style="list-style-type: none"> <li>Fires may burn surrounding bushland.</li> </ul>	<ul style="list-style-type: none"> <li>Burns, skin irritation and respiratory anomalies from coming into contact with fire and smoke.</li> </ul>	S	<ul style="list-style-type: none"> <li>Protocols in place for the safe use of fuels and chemicals to minimise chance of fire igniting on site.</li> <li>Fire fighting equipment including blankets, extinguishers and water pumps located around the property.</li> </ul>	L
Unplanned water release	Water release due to flooding in dams from excessive rains.	<ul style="list-style-type: none"> <li>Increased nutrient and suspended solids entering nearby drainage lines</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	L	<ul style="list-style-type: none"> <li>Ensure boards are in weir located on the TSR to direct water into large holding dam.</li> <li>direct all water from ponds 28,32,33,34, and 35 to pond 42 to box located below pond 38 then to Dam on TSR and onto floodplain.</li> </ul>	
Disease	Concerns of disease outbreak from quarantine tanks.	<ul style="list-style-type: none"> <li>May cause concern to wild fish stocks</li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>	S	<ul style="list-style-type: none"> <li>Ensure boards are in weir located adjacent to the TSR to direct water into large holding dams located on the TSR</li> <li>Shut off valve can be closed to stop out flows from quarantine tanks &amp; whilst treatment is undertaken.</li> </ul>	

**R1** Risk without controls, **R2** Risk with controls



**Table 3. Risk Rating Guide**

		Consequence			
		Extreme	Major	Moderate	Minor
Likelihood	<b>Almost certain</b> Occurred before/expected	H	H	S	S
	<b>Likely</b> Probably will occur	H	S	S	S
	<b>Moderate</b> May occur at some time	H	S	L	L
	<b>Unlikely</b> Unusual or rare situation	S	L	L	L
		<b>High (H)</b> – cease exposure immediately until protection, approved at senior management level, implemented.			
		<b>Significant (S)</b> – procedures alone may not be enough, senior management attention required.			
		<b>Low (L)</b> – may be managed by routine procedures, some risks in this category may be acceptable.			

## 4.0 Pollution Incident Response Procedures

### 4.1 Hydrocarbon or Chemical spill

1. Where possible, and safe to do so, isolate the source of the spillage and turn off the water supply to nearby ponds that may be affected by run off to limit spread.
2. Move any public from the scene to a safe muster point.
3. Access the Spill Response Kit located next to the storage unit and appropriate Personal Protective Equipment (PPE).
4. Block inlets to any nearby surface water drains and sewers with a physical barrier such as:
  - spill sorb /spill pack from the Spill Kit;
  - absorbent boom from Spill Kit; or
  - a mound of dirt (diesel spills)
5. Notify the Manager Martin Asmus (0458 453 517) or Assistant Manager Gary McLean (Ph.0417 048 828) of the spill.
6. If spill is too large or dangerous for localised clean up call New South Wales Fire Service (HAZMAT).
7. If the spill has made its way into a waterway contact relevant organisations and neighbours to inform them of potential problems with water quality.
8. Working on the windward side of the spill and wearing PPE (consult SDS for correct PPE for the substance), scoop or pump as much pooled substance as possible into a container for either re-use or appropriate disposal, label container as containing hazardous waste.
9. Upon removal of the majority of the spill, apply the spill absorbent product from the spill kit or other absorbent material (sawdust) onto the contaminated area.
10. With a stiff-bristled broom, mix the absorbent material into the spill until all spillage is absorbed.
11. Once all hydrocarbon/chemical spillage has been absorbed, immediately scoop or shovel the saturated absorbent material into a weather proof container and label as contaminated waste.
12. Dispose of contaminated waste appropriately for substance (consult SDS).
13. Douse the spill area with a 50/50 mixture of bleach and water or washing soda. Do not hose contaminants into drains.
14. On completion of clean-up operation, remove and wash all PPE and return to nominated location.
15. Record the spill and clean up procedures and notify the authorities as required.

## **4.2 Fish Kill**

1. Turn off the water supply to the specific area, and ensure no discharge.
2. Where possible provide additional aeration for surviving fish to reduce mortality.
3. Notify the Hatchery Manager, Matt McLellan (Mob 0427 104 887), and Manager Martin Asmus (Mob 0458 453 517).
4. Collect and remove deceased fish from affected pond and monitor surrounding ponds for similar issues.
5. Organise the removal and disposal of fish.
6. If disease is suspected as cause of death, it may be necessary to contact NSW DPI Aquatic Biosecurity (Ph 02 4982 1232) to report the fish kill. Collect samples of fish for testing at Elizabeth Macarthur Agriculture Institute (EMAI, Menangle NSW) as per DPI Fish Collection protocol (<https://www.dpi.nsw.gov.au/fishing/habitat/threats/fish-kills/info-sheet>).
7. If disease was confirmed as cause of death, treat the affected pond with formalin or other (if suitable for the identified disease) following the appropriate SWMS.

## **4.3 Fire**

If a fire is approaching follow directions from local fire brigades. Ensure all staff are aware of evacuation procedures and evacuation location points for the site.

1. In the event of a fire, trained staff can use available fire fighting equipment to subdue the fire if they are confident to do so. Fire fighting equipment is located in the following locations;
  - i. water pumps and carriers are located in storage shed;
  - ii. powder extinguishers in the visitors centre;
  - iii. powder extinguishers located at all buildings;
  - iv. powder, CO2 and foam extinguishers adjacent to chemical storage area;
  - v. Furphy trailer water and fire fighting equipment next to boating compound;
  - vi. Large water cannons can be put into operation.
2. If a fire can be extinguished notify the Manager, Martin Asmus (Ph.0458 453 517) Assistant Manager, Gary McLean (Ph.0417 048 828) of the incident and follow protocols.
3. If a fire cannot be extinguished call 000 and evacuate all staff and visitors from the site following evacuation procedures.

#### **4.4 Unplanned Water Release**

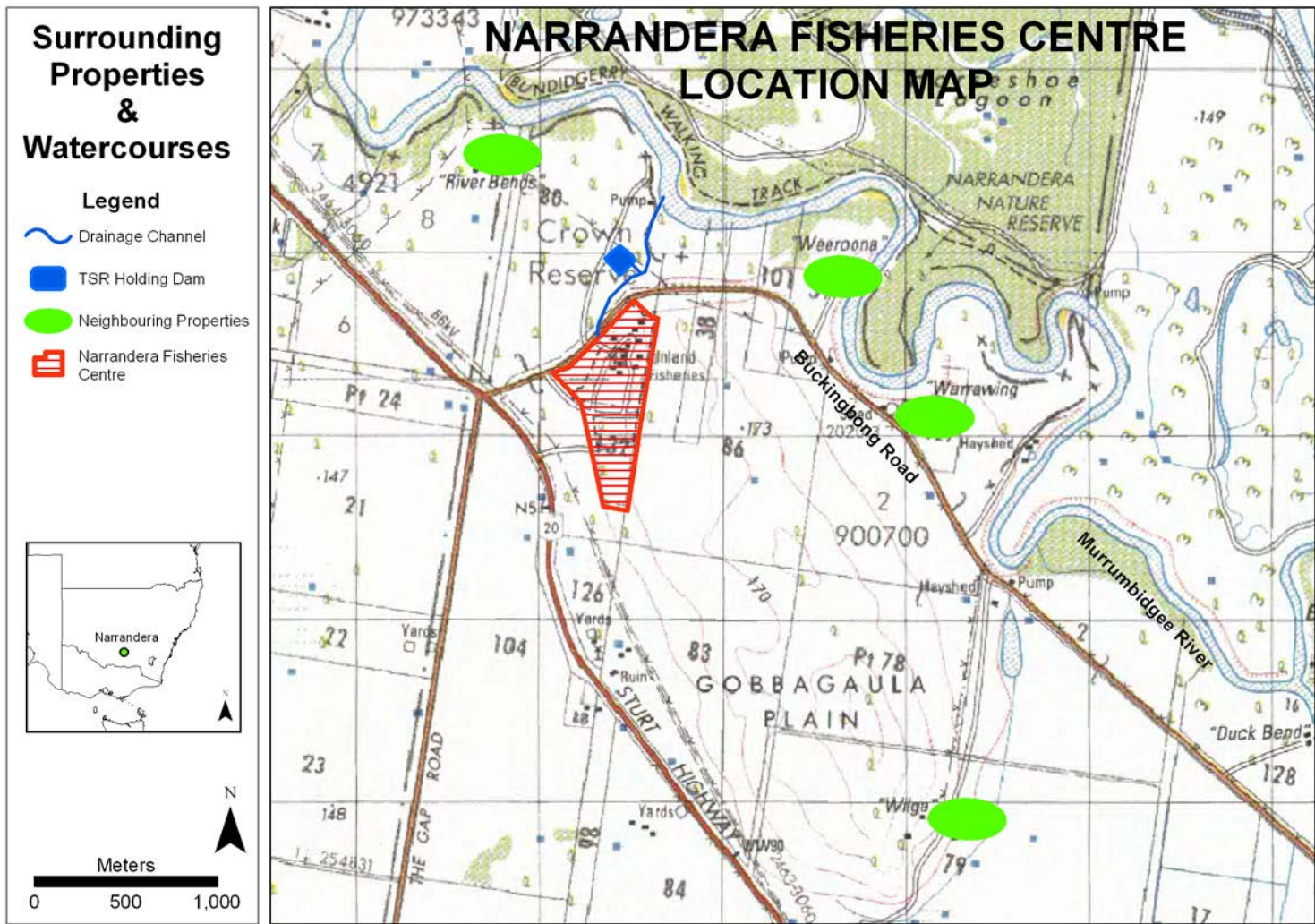
1. In the event of unplanned water release due to heavy rains, ensure boards are low enough in pond penstocks to allow water to escape to drain lines.
2. Conduct an assessment of the weather conditions, taking into consideration predicted rainfall.
3. If damage is noted to ponds from the increased water level notify the Hatchery Manager Matt McLellan (0427 104 887) & Martin Asmus (0458 453 517).
4. Run off into ponds may cause low oxygen levels and regular checking is therefore required. Oxygen levels can be increased by use of power aerators, increased water flow from reservoir, or the large back up PTO unit which can be attached to the tractor.

#### **5.0 Chemical and Potential Pollutants.**

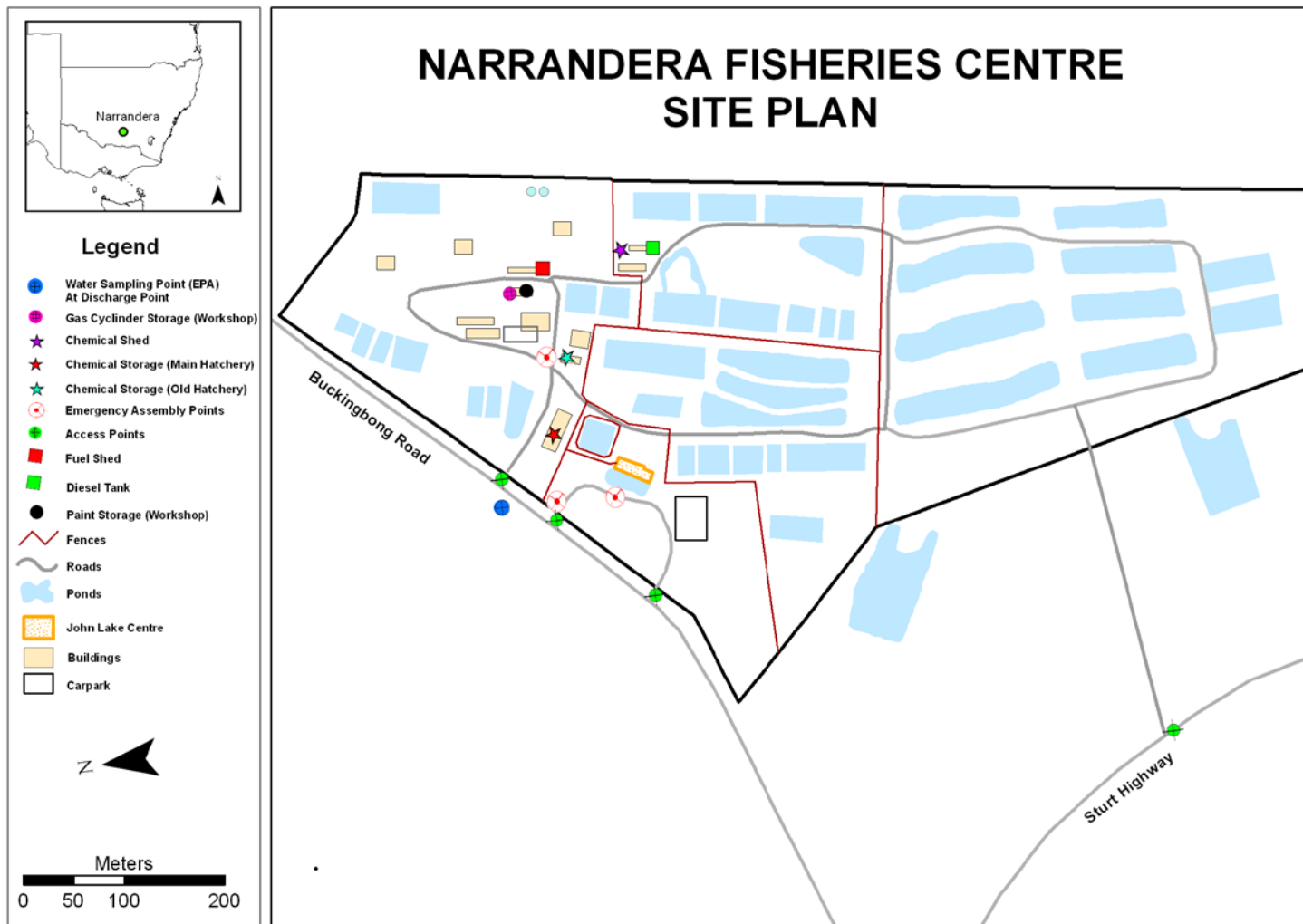
All fuels and chemicals that are stored on site are done so in facilities that comply with the Australian Standard *AS1940 The Storage and Handling of Flammable and Combustible Liquids*. These systems are designed to be lockable, fully bunded, have sufficient capacity to maintain 110% of the volume of the largest tank that is stored within and have floors that are graded to a collection sump. There are currently four storage locations on site; the fuel shed, chemical shed and the hazardous chemical storages located in the old hatchery and main hatchery buildings (Figure 2). Additionally, there is approximately 110 megalitres of water in reservoir and ponds containing broodstock (i.e. fish), however, this volume is in a state of flux during the breeding season being from September through to the end of March.

An up-to-date registry of all chemicals and their quantities can be found within the Department of Industry - ChemAlert online chemical handling software program (see <https://chemalert.rmt.com.au/nswdi/>). This registry is updated regularly and when new chemicals are catalogued onsite. A stock inventory of all chemicals as of April 2019 is shown in Appendix 1.

All chemicals that are stored on site are accompanied by the relevant SDS as required by work health and safety regulations. These documents are located within each of the listed facilities/storage areas.



**Figure 1.** Narrandera Fisheries Locality map outlining adjacent landholders and waterways



**Figure 2.** Narrandera Fisheries site plan

## 6.0 Management and Responsibilities

All employees and contractors have a legal duty to notify management personal to all environmental incidents, or hazards which may result in an environmental incident, regardless of the nature or scale.

Notification responsibilities can be found in the POEO Act (Section 148), which includes all site personnel, including contractors and sub-contractors. Summarised all employees including any persons undertaking activities within the site must immediately, once aware of a potential incident, notify the below mentioned managers of the incident and all the relevant information. Employers who are notified or otherwise become aware of a potential pollution incident must notify the appropriate regulatory body of any “Material harm incidents”.

The specific responsibilities associated with the management and implementation of this PIRMP is outlined in **Table 4** below;

**Table 4.** PIRMP Management staff and responsibilities

Name	Contact details	Position	Responsibility
Martin Asmus	(w) 02 69588201 (m) 0419173440	Manager	<ul style="list-style-type: none"> <li>Responsible for authorising the PIRMP and all future updates.</li> <li>Responsible for notifying authorities in the event of an incident.</li> <li>Responsible for coordinating the response to a pollution incident.</li> <li>Communication of the PIRMP to all site personnel.</li> <li>Facilitate site personnel in implementing the PIRMP.</li> </ul>
Gary McLean	(w) 69588217 (m) 0417048828	Assistant Manager	<ul style="list-style-type: none"> <li>Responsible for notifying authorities in the event of an incident.</li> <li>Responsible for coordinating the response to a pollution incident.</li> <li>Responsible for arranging testing and review of the PIRMP.</li> </ul>
Matthew McLellan	(w) 02 69588221 (m) 0427104887	Hatchery Manager	<ul style="list-style-type: none"> <li>Responsible for notifying authorities in the event of an incident.</li> <li>Responsible for coordinating the response to a fish kill.</li> <li>Responsible for Biosecurity (Hatchery) and review of the PIRMP.</li> </ul>

## 7.0 Incident Management

A pollution incident is defined in the POEO Act as 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

In the case of a material harm incident, prior to any other action, the site must contact Emergency Services via 000 if the incident presents an immediate threat to human health or property. Fire and Rescue NSW, the NSW Police and the NSW Ambulance Service are the first responders, as they are responsible for controlling and containing incidents.

Simultaneously, all evacuation procedures should be implemented for guests and non essential staff. These should include:

- Directing visitors to the emergency assembly points, specifically; the site flagpole, the power pole adjacent to the walkway at the John Lake Centre or the entrance gate to the John Lake Centre.
- Checking names of current sign in guests in the sign in book (located at the reception area) as per NSW DPI OH&S policy and procedure.

If the material harm incident does not pose any threat to human health or property, concurrently with contacting emergency services (000), all possible actions should be taken to control the pollution incident and minimise health, safety and environmental consequences. These actions must be employed to the maximum extent possible to:

- Provide for the safety of people at and within the vicinity of the site; and
- Contain the pollution incident.

Actions to be taken in the event of a pollution incident, including description and location of safety equipment, for minimising risk of harm to people and the environment as result of a pollution incident, and for containing or controlling a pollution incident, are detailed in Section 4.0.

This management plan documents the roles and accountabilities of key personnel in the event of an emergency and the contact details for appropriate emergency services. The plan also provides designated evacuation points and procedures in the event of an emergency.

In the event of a pollution incident please follow recording procedures listed in Section 11.0 and keep on file for improvement of incident management protocols.



## **8.0 Notification Procedure**

### ***8.1 Definition of a Material Harm Incident***

Following containment of an incident, immediate action must be taken to determine if the incident can be classified as a 'material harm incident', i.e. considered to be causing or threatening material harm. As defined by Section 147 of the POEO Act, a material harm incident has occurred if the incident:

- Involves actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial; or
- Results in actual or potential loss (including all reasonable costs and expenses incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment) or property damage of an amount, or amounts in aggregate, exceeding \$10,000 (or such other amount as is prescribed by the regulations).

The determination of a material harm incident will be made by either the Manager or Hatchery Manager.

### ***8.2 Notification Procedures***

As previously mentioned the internal reporting of environmental incidents is the responsibility of all employees and contractors. In the event of a material harm incident, response and notification must be undertaken as outlined below.

When an environmental incident or hazard is identified the initial observer must report the issue immediately to the Manager / Hatchery manager whom ever is on duty. Immediately is taken to mean 'promptly and without delay' as stated in the POEA Act. If the pollution incident presents an immediate threat to human health or property notify:

- NSW Police: 000
- NSW Ambulance: 000
- NSW Fire and Rescue: 000
- EPA 69690700

As per guidance provided by the EPA, the decision on whether to notify the incident in accordance with Part 5.7 of the POEO Act should not delay immediate actions to provide for the safety of people or contain a pollution incident. However, incident notification will be made as soon as it is safe to do so.

After the initial response to any events that may cause immediate harm to human health or property the acting supervisor will determine if the event constitutes an

‘actual or potential material harm incident’ (Section 8.1). In the event of a ‘material harm incident’ the following authorities need to be contacted:

- EPA – 13 15 55 or 69690700
- Narrandera Shire Council – 02 69595510
- NSW Ministry of Health, North Sydney – 02 9391 9000
- WorkCover Authority/ SafeWork NSW – 13 10 50
- NSW Fire and Rescue – 1300 729 579
- State Water NSW – 02 69530716
- If the event does not fulfil the criteria of a ‘material harm incident’ continue with the pollution incident response procedure until the situation is under control. Record all relevant information detailed below and report this to supervisors for future preventative measures.

In the case of a ‘material harm incident’ the following information must be noted and forwarded to the authorities when they are notified of the incident.

- Time and date.
- Nature and location of the incident.
- Duration of the incident.
- Location of areas that may be affected by the pollution incident.
- Pollutant involved and the estimated quantity/volume and concentration.
- Circumstances in which the incident occurred.
- The proposed action to be taken in dealing with the pollutant and any further incidents that may result.

A detailed record should be kept of all steps involved in dealing with each incident and keep on site in case additional information is required. After the initial notification of a material harm incident, it will be the responsibility of the Hatchery Manager/Assistant Hatchery Manager to coordinate with any authority that is contacted.

### **8.3 Notifying Local Landholders and the Community**

In the event of a determined material harm incident, community notification will be undertaken by the Manager & Hatchery Manager (relevant on duty authority). The names and contact details for all surrounding land holders are provided below. Please see property location map for locality of nearby neighbours (Figure 2).

- Graham Mathieson – ‘**River Bends**’ 0428594546 down stream of release site.
- Mark Whitby ‘**Wilga**’ 0428592824 upstream of release site.
- Nick & Marg Jensen 0428 593 677 ‘**Waroona**’ upstream of release site.
- Rural Lands Protection Board 69593583 TSR Adjacent to site.
- Roz Angel ‘**Warrawing**’ Upstream of release site 69594606
- Neil Siedell, East of NFC 0428 598 200

When contacting local land holders or the surrounding community the following notification process is to be used;

- Warnings - in the event of an incident same day telephone notification will be employed to update affected landholders.
- Updates - follow up phone calls will be made to all landholders who were notified in the initial warning. Updated information will be provided if and when it becomes available and necessary to be passed on. Updates will be provided to the community via community consultation meeting, local media outlet updates and updates on department websites.

When notifying landholders and the community the information provided will be relevant to the incident and should include the following information;

- Type of incident that has occurred.
- Potential impact to the landholder or community.
- Advice and precautions to take based on the incident.
- Contact details for relevant persons on site.

## **9.0 Training, Testing and Communication**

### **9.1 Training**

All new staff and contractors undergo a full site induction ensuring they have read and understood the following;

- Safe Work Method Statements (SWMS) relevant to the work to be undertaken;
- Workplace Emergency Procedures manual;
- Incident Reporting process;
- Narrandera Fisheries Centre, Traffic Management Plan;
- NSW Department of Primary Industries WHS Policy
- NSW Department of Primary Industries Code of Conduct

Additionally, staff may also have training in specific areas such as chemical application and risk management (SMARTtrain Level 3/4), emergency response procedures (Fire Warden training) and biosecurity protocols.

A training exercise designed to test the adequacy of emergency preparedness and response will be conducted at least once annually.

## **9.2 Testing, Review and Maintenance**

Testing of the PIRMP will be carried out to check the information is accurate, up to date and that the plan is capable of being implemented in an effective manner.

Testing of this plan will be carried out in the following ways:

1. The PIRMP will be tested by assessing and reviewing it and making any necessary changes. Testing is taken to be either a desktop review by the Manager and Hatchery Manager or an environmental emergency drill. Testing will include all components of the plan and an evacuation drill and will occur every 12 months; and
2. The PIRMP will be reviewed within one month of the date of any pollution incident that occurs in the course of an activity to which the EPL relates. This review will be undertaken in light of the incident, to determine if the information included in the plan is accurate and up to date and the plan is still capable of being implemented in a workable and effective manner as required by the *Protection of the Environment Operations (General) Amendment 2012* (POEO(G) Amendment).

Records will be kept in accordance with the POEO(G) Amendment. Information to be retained regarding PIRMP testing includes:

- The manner in which the test was undertaken;
- Dates when the plan has been tested;
- The person who carried out the testing; and
- The date and description of any update of or amendment to the plan.

## **9.3 PIRMP Availability**

The PIRMP will be accessible in a written form on site for all personal responsible for implementing the plan, and to an authorised officer (as defined in the POEO Act) on request. This information will also be made available on the Departmental website (<https://www.dpi.nsw.gov.au/about-us/research-development/centres/narrandera-fisheries-centre>) as required by the POEO(G) Amendment.

## 10.0 Document Testing and Updates

In the event of a pollution incident test or desktop based test all appropriate information should be included in the below table and used to update the PIRMP.

Date of Test	Personnel undertaking Test	Testing Method	Summary of Changes

## 11.0 Incident Notification Record Sheet

### Incident Notification Record Sheet

This document is to be used in the event of a material harm incident

Date:

Time:

Name of Person Notifying:

### Incident Details – Record what information you report to the EPA

**Location of incident:**

**Nature of the incident (Include estimated quantities and concentrations):**

**Circumstances that led to the incident:**

**Actions being taken or proposed to be taken:**

**All other relevant information:**

**Authorities notified:**

**Time notified:**

EPA Griffith 13 15 55 or 02 69690700	_____
Narrandera Shire Council – 02 69595510	_____
NSW Ministry of Health Queanbeyan – 02 6128 9777	_____
Work Cover Authority – 13 10 50	_____
NSW Fire and Rescue – 1300 729 579	_____
State water Leeton 69530713	_____

**Information provided by authorities**

<b>• Notification of Land Holders:</b>	<b>Time Notified:</b>
• Graham Mathieson –“ <b>River Bends</b> ”0428594546	_____
• Mark Whitby “ <b>Wilga</b> ” 0428592824	_____
• Nick & Marg Jensen 0428 593 677 “ <b>Waroona</b> ”	_____
• Rural Lands Protection Board 69593583	_____
• Roz Angel <b>Warrawing</b> 69594606	_____

## **APPENDIX 1 – Stock Inventory Inspection Report (15/04/2019)**



Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments

**Location: NARRANDERA/ BULK (O/H TANK)**

206	AUTOMOTIVE DIESEL FUEL (CALTEX AUSTRALIA PETROLEUM PTY LTD)						
	1	2200 L	Approved	29-Mar-2019		<input type="checkbox"/>	

**Location: NARRANDERA/ CHEMICAL SHED**

3470	AMGROW PATROL ANT, SPIDER & COCKROACH KILLER (AMGROW AUSTRALIA PTY LTD)						
	1	500 mL	None	29-Mar-2019	07-Feb-2015	<input type="checkbox"/>	
4177	CAVALIER HERBICIDE (ADAMA AUSTRALIA PTY LTD)						
	1	5 L	None	29-Mar-2019	07-Feb-2015	<input type="checkbox"/>	
1023	CUTLASS 500 HERBICIDE (ADAMA AUSTRALIA PTY LTD)						
	1	10 L	Approved	23-May-2016	07-Feb-2015	<input type="checkbox"/>	
3357	FORMALDEHYDE (REDOX PTY LTD)						
	6	200 L	Approved	13-Mar-2014	07-Feb-2015	<input type="checkbox"/>	
811161	SUREFIRE ALL WEATHER BLOCKS RODENTICIDE (PCT INTERNATIONAL PTY LTD)						
	1	8 Kg	None	29-Mar-2019	07-Feb-2015	<input type="checkbox"/>	

**Location: NARRANDERA/ FUEL SHED**

206	AUTOMOTIVE DIESEL FUEL (CALTEX AUSTRALIA PETROLEUM PTY LTD)						
	5	20 L	Approved	29-Mar-2019		<input type="checkbox"/>	
811174	CASTROL ACTIV 2T (CASTROL AUSTRALIA PTY LIMITED)						
	1	20 L	None	01-Apr-2019		<input type="checkbox"/>	
811171	CASTROL AXLE EPX 85W-140 (CASTROL AUSTRALIA PTY LIMITED)						
	1	4 L	None	29-Mar-2019		<input type="checkbox"/>	
811169	CASTROL MAGNATEC DIESEL 15W-40 (CASTROL AUSTRALIA PTY LIMITED)						
	1	5 L	None	29-Mar-2019		<input type="checkbox"/>	

811164	CASTROL POWER 1 TTS RACING 2T (CASTROL AUSTRALIA PTY LIMITED)					
	1	1 L	None	29-Mar-2019		<input type="checkbox"/>
3118	CASTROL RX SUPER 15W-40 (CASTROL AUSTRALIA PTY LIMITED)					
	1	20 L	None	29-Mar-2019		<input type="checkbox"/>
811172	ENERGOL GR-XP 460 (BP AUSTRALIA PTY LTD)					

Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments
	1	20 L	None	29-Mar-2019		<input type="checkbox"/>	
650	HONDA GENUINE ENGINE OIL 10W-30 SL (CALTEX AUSTRALIA PETROLEUM PTY LTD)						
	1	10 L	Approved	29-Mar-2019		<input type="checkbox"/>	
811165	HONDA MARINE ENGINE OIL 10W-30 FC-W (HONDA AUSTRALIA MOTORCYCLE AND POWER EQUIPMENT PTY LTD)						
	1	5 L	None	29-Mar-2019		<input type="checkbox"/>	
811168	HUSQVARNA 2-STROKE OIL LS+ (HUSQVARNA AUSTRALIA PTY LTD)						
	1	2 L	None	29-Mar-2019		<input type="checkbox"/>	
3353	HUSQVARNA CHAIN OIL (HUSQVARNA AUSTRALIA PTY LTD)						
	1	5 L	None	29-Mar-2019		<input type="checkbox"/>	
671	JD HY-GARD JDM J20C (JOHN DEERE LIMITED (AUSTRALIA))						
	1	5 L	Approved	29-Mar-2019		<input type="checkbox"/>	
3117	JD THERMA-GARD CONCENTRATE (FUCHS LUBRICANTS (AUSTRALASIA) PTY LTD)						
	1	15 L	None	29-Mar-2019		<input type="checkbox"/>	
5624	JD THERMA-GARD PRE-MIXED (FUCHS LUBRICANTS (AUSTRALASIA) PTY LTD)						
	1	10 L	None	29-Mar-2019		<input type="checkbox"/>	
3112	JOHN DEERE PLUS-50 II PREMIUM ENGINE OIL (PHILLIPS 66 COMPANY)						
	1	5 L	Non-Compliant SDS	29-Mar-2019		<input type="checkbox"/>	
3157	KUBOTA ENGINE OIL (PRODUCT OBSOLETE) (VALVOLINE (AUSTRALIA) PTY LTD)						
	1	20 L	None	29-Mar-2019		<input type="checkbox"/>	
3105	KUBOTA UDT UNIVERSAL TRANS HYDRAULIC FLUID (ASHLAND. USA)						
	1	20 L	Non-Compliant SDS	29-Mar-2019		<input type="checkbox"/>	
811170	MERCURY/QUICKSILVER OPTIMAX/DFI 2-CYCLE OUTBOARD OIL (MERCURY MARINE)						
	1	9 L	None	29-Mar-2019		<input type="checkbox"/>	
811166	MOBIL HYDRAULIC BRAKE FLUID (MOBIL OIL AUSTRALIA LIMITED)						
	1	500 mL	None	29-Mar-2019		<input type="checkbox"/>	
6010	SHELL BRAKE AND CLUTCH FLUID DOT 4 SUPER (PRODUCT OBSOLETE) (VIVA ENERGY AUSTRALIA LTD (FORMERLY SHELL COMPANY OF AUSTRALIA))						
	1	500 mL	None	29-Mar-2019		<input type="checkbox"/>	
3261	SPHEEROL LMM (CASTROL AUSTRALIA PTY LIMITED)						
	1	450 g	None	29-Mar-2019		<input type="checkbox"/>	
2114	UNLEADED PETROL (CALTEX AUSTRALIA PETROLEUM PTY LTD)						

Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments
	5	20 L	None	29-Mar-2019		<input type="checkbox"/>	
3821	YATES PYRETHRUM INSECTICIDE (YATES AUSTRALIA, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD)						
	1	200 mL	None	29-Mar-2019		<input type="checkbox"/>	
5053	YATES ROSE SHIELD INSECT & DISEASE SPRAY (YATES AUSTRALIA, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD)						
	1	200 mL	None	29-Mar-2019		<input type="checkbox"/>	

**Location: NARRANDERA/ HATCHERY LAB CABINET**

2979	AGRICULTURAL UREA (INCITEC PIVOT LIMITED)						
	1	500 g	Approved	12-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3327	ALIZARIN COMPLEXONE DIHYDRATE,INDICATOR GRADE (127655) (PRODUCT OBSOLETE) (SIGMA-ALDRICH PTY. LTD.)						
	2	500 g	Approved	13-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3304	BENZOCAINE (06950) (PRODUCT OBSOLETE) (SIGMA-ALDRICH PTY. LTD.)						
	2	1 Kg	Approved	12-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3308	CALCEIN (C0875) (SIGMA-ALDRICH PTY. LTD.)						
	2	1 Kg	Approved	12-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3328	CARBON DIOXIDE (295108) (SIGMA-ALDRICH PTY. LTD.)						
	1	15 None	Approved	13-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3331	CHARCOAL (SIMCOA OPERATIONS PTY LTD)						
	1	425 g	Approved	13-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3305	COPPER SULPHATE (MANUTECH PTY LTD)						
	1	500 g	Approved	12-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3326	GLYCEROL (THERMO FISHER SCIENTIFIC AUSTRALIA PTY LTD)						
	1	500 mL	Approved	13-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
2698	GLYCINE (CHEM-SUPPLY PTY LTD)						
	1	100 g	Approved	12-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3330	METHYL ACETATE (296996) (SIGMA-ALDRICH PTY. LTD.)						
	1	500 mL	None	13-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3306	METHYLENE BLUE (CHEM-SUPPLY PTY LTD)						
	1	25 g	Approved	12-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3334	POLYVINYL ALCOHOL (CHEM-SUPPLY PTY LTD)						
	1	500 g	Approved	13-Mar-2014	12-Mar-2015	<input type="checkbox"/>	

Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments
405	POTASSIUM PERMANGANATE (CHEM-SUPPLY PTY LTD)						
	1	500 g	Approved	13-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
2102	SILICA GEL (THERMO FISHER SCIENTIFIC AUSTRALIA PTY LTD)						
	1	500 g	Approved	12-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
945	SODIUM CHLORIDE (CHEM-SUPPLY PTY LTD)						
	1	500 g	Approved	12-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3333	SODIUM THIOSULFATE PENTAHYDRATE (217247) (SIGMA-ALDRICH PTY. LTD.)						
	1	500 g	Approved	13-Mar-2014	12-Mar-2015	<input type="checkbox"/>	
3307	TRIS(HYDROXYMETHYL)METHYLAMINE (CHEM-SUPPLY PTY LTD)						
	1	100 g	Approved	12-Mar-2014	12-Mar-2015	<input type="checkbox"/>	

**Location: NARRANDERA/HATCHERY LAB CORROSIVE CABINET**

3348	ACETIC ACID GLACIAL (THERMO FISHER SCIENTIFIC AUSTRALIA PTY LTD)						
	1	2.5 L	Approved	13-Mar-2014	13-Mar-2015	<input type="checkbox"/>	
3325	ACETIC ACID GLACIAL (THERMO FISHER SCIENTIFIC AUSTRALIA PTY LTD)						
	1	500 mL	Approved	13-Mar-2014	13-Mar-2015	<input type="checkbox"/>	
2881	ACETONE (010) (CHEM-SUPPLY PTY LTD)						
	1	500 mL	Approved	13-Mar-2014	13-Mar-2015	<input type="checkbox"/>	
3340	NITRIC ACID 65% SUPRAPUR (MERCK PTY LIMITED)						
	1	250 mL	None	13-Mar-2014	13-Mar-2015	<input type="checkbox"/>	
1508	SODIUM HYDROXIDE (CHEM-SUPPLY PTY LTD)						
	1	500 g	Approved	13-Mar-2014	13-Mar-2015	<input type="checkbox"/>	

**Location: NARRANDERA/HATCHERY STORAGE**

810288	CLR BATHROOM & KITCHEN CLEANER DEODORISER ENHANCED FORMULA (ADVIL PTY LTD)						
	1	750 mL	None	22-Mar-2018	13-Mar-2015	<input type="checkbox"/>	
810285	COPPER SULPHATE (MELPAT INTERNATIONAL PTY LTD)						
	1	20 Kg	None	22-Mar-2018	13-Mar-2015	<input type="checkbox"/>	
2947	FORMALDEHYDE (REDOX PTY LTD)						
	2	10 L	None	22-Mar-2018	13-Mar-2015	<input type="checkbox"/>	
2161	HYDROCHLORIC ACID (RECOCHEM INC)						

Stock Number	Product Name (Supplier)						Comments
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	
	2	5 L	Approved	22-Mar-2018	13-Mar-2015	<input type="checkbox"/>	
810286	HYDROGEN PEROXIDE 50% (ENVIRONEX INTERNATIONAL PTY LTD)						
	1	25 Kg	None	22-Mar-2018	13-Mar-2015	<input type="checkbox"/>	
3345	PTSAN 5 SANITISER (ELITE SURFACE TECHNOLOGIES PTY LIMITED)						
	1	25 L	Approved	13-Mar-2014	13-Mar-2015	<input type="checkbox"/>	
810144	ROWE 70-100% ETHANOL (NOT DENATURED) (ROWE SCIENTIFIC PTY LTD)						
	1	10 L	Approved	22-Mar-2018	13-Mar-2015	<input type="checkbox"/>	
810289	SALT-AWAY (PRODUCT OBSOLETE) (FUELTREAT AUSTRALIA PTY LTD)						
	1	946 mL	None	22-Mar-2018	13-Mar-2015	<input type="checkbox"/>	
810287	SFA 30 ANTIFOAM FLUID FG (CHEM-SUPPLY PTY LTD)						
	4	1 L	None	22-Mar-2018	13-Mar-2015	<input type="checkbox"/>	

**Location: NARRANDERA/ Narrandera Fish Ageing Lab/ Corrosive Cabinet**

810283	CHEMTECH BLITZ (ITW AAMTECH AUSTRALIA)						
	1	1 L	None	21-Mar-2018		<input type="checkbox"/>	
6698	CRYSTALBOND 509 (PROSCITECH)						
	7	90 g	None	10-Jan-2018		<input type="checkbox"/>	
1832	ETHIDIUM BROMIDE SOLUTION (E1510) (SIGMA-ALDRICH PTY. LTD.)						
	1	0 mL	Unknown	11-Jan-2018		<input type="checkbox"/>	
810145	INDIUM (III) CHLORIDE (334065) (SIGMA-ALDRICH PTY. LTD.)						
	1	10 g	None	10-Jan-2018		<input type="checkbox"/>	
3145	RANEX RUST BUSTER (BONDALL PTY LTD)						
	1	250 mL	None	21-Mar-2018		<input type="checkbox"/>	
810146	ROWE HYDROCHLORIC ACID 25-37% W/W (7.7-12M HCL) (ROWE SCIENTIFIC PTY LTD)						
	1	2.5 L	None	10-Jan-2018		<input type="checkbox"/>	
809686	SAFETY MOUNT/ULTRA MOUNT (THERMO FISHER SCIENTIFIC AUSTRALIA PTY LTD)						
	4	100 g	None	11-Jan-2018		<input type="checkbox"/>	
878	WHITE KING PREMIUM BLEACH (PENTAL PRODUCTS PTY LTD)						
	1	1.25 L	None	10-Jan-2018		<input type="checkbox"/>	

Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments

**Location: NARRANDERA/ Narrandera Fish Ageing Lab/ Flammable Cabinet**

4184	ALIZARIN COMPLEXONE (MP BIOMEDICALS AUSTRALASIA PTY LTD)						
	1	1 Kg	None	10-Jan-2018		<input type="checkbox"/>	
4149	ETHYL P-AMINOENZOATE (MP BIOMEDICALS AUSTRALASIA PTY LTD)						
	2	500 g	None	10-Jan-2018		<input type="checkbox"/>	
810142	METHYL ETHYL KETONE (NUPLEX INDUSTRIES (AUST) PTY LTD)						
	1	500 mL	None	10-Jan-2018		<input type="checkbox"/>	
2974	POLYPLEX CLEAR CASTING RESIN (PRODUCT OBSOLETE) (NUPLEX INDUSTRIES (AUST) PTY LTD)						
	2	1 L	None	10-Jan-2018		<input type="checkbox"/>	
810144	ROWE 70-100% ETHANOL (NOT DENATURED) (ROWE SCIENTIFIC PTY LTD)						
	2	1 L	None	10-Jan-2018		<input type="checkbox"/>	
440	STRONTIUM CHLORIDE (CHEM-SUPPLY PTY LTD)						
	2	500 g	None	10-Jan-2018		<input type="checkbox"/>	

**Location: NARRANDERA/ Narrandera Fish Ageing Lab/ General lab store**

810148	BUFFER SOLUTION PH 10 COLOUR CODED BLUE (AUSTRALIAN CHEMICAL REAGENTS)						
	2	500 mL	None	11-Jan-2018		<input type="checkbox"/>	
4849	BUFFER SOLUTION PH 7.0 COLOUR CODED GREEN (AUSTRALIAN SCIENTIFIC PTY LTD)						
	1	500 mL	Approved	11-Jan-2018		<input type="checkbox"/>	
810091	CONDUCTIVITY STANDARD SOLUTION (VARIOUS) FROM 10US/CM TO 200MS/CM (AUSTRALIAN SCIENTIFIC PTY LTD)						
	6	500 mL	None	11-Jan-2018		<input type="checkbox"/>	
810147	ELECTRODE STORAGE SOLUTION (AUSTRALIAN SCIENTIFIC PTY LTD)						
	1	500 mL	None	11-Jan-2018		<input type="checkbox"/>	
6569	FORMAZIN TURBIDITY STANDARD 400NTU, 80NTU, 20NTU, 8NTU (AUSTRALIAN SCIENTIFIC PTY LTD)						
	2	500 mL	None	11-Jan-2018		<input type="checkbox"/>	
885	GLYCEROL (PROBIOTEC LIMITED (BIOTECH PHARMACEUTICALS PTY LTD))						
	1	100 mL	None	11-Jan-2018		<input type="checkbox"/>	
6570	ZERO OXYGEN SOLUTION (AUSTRALIAN SCIENTIFIC PTY LTD)						
	1	500 mL	Approved	11-Jan-2018		<input type="checkbox"/>	

Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments

**Location: NARRANDERA/ Narrandera Fish Ageing Lab/ Lab Fridge**

810572	QUBIT DSDNA BR REAGENT *200X CONCENTRATE IN DMSO* (LIFE TECHNOLOGIES AUSTRALIA PTY LIMITED)						
	2	0 None	None	01-Jun-2018		<input type="checkbox"/>	
810144	ROWE 70-100% ETHANOL (NOT DENATURED) (ROWE SCIENTIFIC PTY LTD)						
	1	1 L	None	21-Mar-2018		<input type="checkbox"/>	

**Location: NARRANDERA/ Research Laboratory/ Lab Store Room**

811160	BUFFER SOLUTION PH 10 COLOUR CODED BLUE (AUSTRALIAN SCIENTIFIC PTY LTD)						
	1	1 L	None	29-Mar-2019		<input type="checkbox"/>	
4849	BUFFER SOLUTION PH 7.0 COLOUR CODED GREEN (AUSTRALIAN SCIENTIFIC PTY LTD)						
	1	1.5 L	Approved	29-Mar-2019		<input type="checkbox"/>	
810091	CONDUCTIVITY STANDARD SOLUTION (VARIOUS) FROM 10US/CM TO 200MS/CM (AUSTRALIAN SCIENTIFIC PTY LTD)						
	1	4 L	None	29-Mar-2019		<input type="checkbox"/>	
810147	ELECTRODE STORAGE SOLUTION (AUSTRALIAN SCIENTIFIC PTY LTD)						
	1	500 mL	None	29-Mar-2019		<input type="checkbox"/>	
6569	FORMAZIN TURBIDITY STANDARD 400NTU, 80NTU, 20NTU, 8NTU (AUSTRALIAN SCIENTIFIC PTY LTD)						
	1	500 mL	None	29-Mar-2019		<input type="checkbox"/>	
6570	ZERO OXYGEN SOLUTION (AUSTRALIAN SCIENTIFIC PTY LTD)						
	1	500 mL	Approved	29-Mar-2019		<input type="checkbox"/>	

**Location: NARRANDERA/ Research Laboratory/ Sample Store**

810144	ROWE 70-100% ETHANOL (NOT DENATURED) (ROWE SCIENTIFIC PTY LTD)						
	1	100 L	None	29-Mar-2019		<input type="checkbox"/>	



Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments

**Location: NARRANDERA/ Research Laboratory/ Wet Lab/ Corrosive cabinet**

811159	SUPERFORCE DETERGENT (AGAR CLEANING SYSTEMS PTY LTD)						
	1	5 None	None	29-Mar-2019		<input type="checkbox"/>	
810976	WHITE KING BLEACH (PENTAL PRODUCTS PTY LTD)						
	1	4.5 L	None	29-Mar-2019		<input type="checkbox"/>	

**Location: NARRANDERA/ Research Laboratory/ Wet Lab/ Flammable cabinet**

810144	ROWE 70-100% ETHANOL (NOT DENATURED) (ROWE SCIENTIFIC PTY LTD)						
	1	3 L	None	29-Mar-2019		<input type="checkbox"/>	

**Location: NARRANDERA/ Research Shed/ Flammable cabinet 1**

3583	COLES SMARTBUY METHYLATED SPIRITS (RECOCHEM INC)						
	2	2.5 L	None	21-Mar-2018		<input type="checkbox"/>	
810144	ROWE 70-100% ETHANOL (NOT DENATURED) (ROWE SCIENTIFIC PTY LTD)						
	1	20 L	None	20-Mar-2018		<input type="checkbox"/>	

**Location: NARRANDERA/ Research Shed/ Flammable cabinet 2**

810144	ROWE 70-100% ETHANOL (NOT DENATURED) (ROWE SCIENTIFIC PTY LTD)						
	1	20 L	None	20-Mar-2018		<input type="checkbox"/>	

**Location: NARRANDERA/ Research Shed/ Research shed storage**

810275	CRC 5084 BRAKLEEN - NON CHLORINATED (CRC INDUSTRIES (AUST) PTY LIMITED)						
	1	500 g	None	20-Mar-2018		<input type="checkbox"/>	
810277	HENKEL LOCTITE LB 8150 KNOWN AS SILVER GRADE ANTI-SEIZE 500G BR (AEROSPACE MATERIALS PTY LTD)						
	1	250 g	None	20-Mar-2018		<input type="checkbox"/>	
650	HONDA GENUINE ENGINE OIL 10W-30 SL (CALTEX AUSTRALIA PETROLEUM PTY LTD)						
	1	1 L	Approved	20-Mar-2018		<input type="checkbox"/>	
810276	MOTORTECH DEGREASER (MMP INDUSTRIAL PTY LTD)						
	2	400 g	None	20-Mar-2018		<input type="checkbox"/>	

Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments
810280	NULON LONG LIFE CONCENTRATED COOLANT (NULON PRODUCTS AUSTRALIA)						
	1	5 L	None	20-Mar-2018		<input type="checkbox"/>	
810279	RENOLIN ZAF 22 (FUCHS LUBRICANTS (AUSTRALASIA) PTY LTD)						
	1	1 L	None	20-Mar-2018		<input type="checkbox"/>	
3933	RUST CONVERTER AND PRIMER SURFACER (HICHEM PAINT TECHNOLOGIES PTY.LTD.)						
	1	400 g	None	20-Mar-2018		<input type="checkbox"/>	
3582	SELLEYS RP7 (SELLEYS, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD)						
	3	300 g	None	20-Mar-2018		<input type="checkbox"/>	
810281	SELLEYS STORM SEALANT (SELLEYS, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD)						
	1	290 g	None	20-Mar-2018		<input type="checkbox"/>	
3261	SPHEEROL LMM (CASTROL AUSTRALIA PTY LIMITED)						
	2	450 g	None	20-Mar-2018		<input type="checkbox"/>	
810278	WD-40 SPECIALIST FAST DRYING CONTACT CLEANER (WD-40 COMPANY (AUST) PTY LTD)						
	1	290 g	None	20-Mar-2018		<input type="checkbox"/>	
810282	WET AREA SILICONE SEALANT (SELLEYS, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD)						
	1	300 g	None	20-Mar-2018		<input type="checkbox"/>	

**Location: NARRANDERA/SHIPPING CONTAINER**

811163	COPPER SULPHATE PENTAHYDRATE (REDOX PTY LTD)						
	3	25 Kg	None	29-Mar-2019	13-Mar-2015	<input type="checkbox"/>	
3352	DAP (INCITEC PIVOT LIMITED)						
	1	1000 Kg	Approved	13-Mar-2014	13-Mar-2015	<input type="checkbox"/>	
3356	HYDRATED LIME (BORAL AUSTRALIA)						
	10	15 Kg	Approved	13-Mar-2014	13-Mar-2015	<input type="checkbox"/>	
3668	SODIUM PERCARBONATE (371432) (SIGMA-ALDRICH PTY. LTD.)						
	6	30 Kg	Approved	03-Apr-2014	13-Mar-2015	<input type="checkbox"/>	

Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments

**Location: NARRANDERA STORE / WORKSHOP**

3470	AMGROW PATROL ANT, SPIDER & COCKROACH KILLER (AMGROW AUSTRALIA PTY LTD)						
	1	750 mL	None	01-Apr-2019		<input type="checkbox"/>	
811006	ARMORALL (ENVIRO CHEMICALS (AUSTRALIA) PTY LTD)						
	1	250 mL	None	01-Apr-2019		<input type="checkbox"/>	
811179	ARMSTRONG BUTANE REFILL (RUSHMORE DISTRIBUTORS)						
	1	250 g	None	01-Apr-2019		<input type="checkbox"/>	
2316	BATTERY TERMINAL PROTECTOR 250G (WURTH AUSTRALIA PTY LTD)						
	1	250 g	None	01-Apr-2019		<input type="checkbox"/>	
5021	BAYER ADVANCED ANT & WASP DUST (YATES AUSTRALIA, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD)						
	1	350 g	None	01-Apr-2019		<input type="checkbox"/>	
811199	BK BACTERICIDAL PIPE JOINTING LUBRICANT (THOMAS GROZIER & SON)						
	1	500 g	None	01-Apr-2019		<input type="checkbox"/>	
811200	BMF CLEANER 5LT (WURTH AUSTRALIA PTY LTD)						
	1	5 L	None	01-Apr-2019		<input type="checkbox"/>	
640	BONDCRETE (BONDALL PTY LTD)						
	1	500 mL	Approved	01-Apr-2019		<input type="checkbox"/>	
811191	BRAKE CLEANER PLUS 500 ML (WURTH AUSTRALIA PTY LTD)						
	1	500 mL	None	01-Apr-2019		<input type="checkbox"/>	
811195	BUTANE GAS CANISTER P/N 2200 (220G) (PRIMUS AUSTRALIA PTY LTD T/AS COMPANION BRANDS)						
	2	220 g	None	01-Apr-2019		<input type="checkbox"/>	
811194	CASTROL AGRI GREASE ULTRA (CASTROL AUSTRALIA PTY LIMITED)						
	2	450 g	None	01-Apr-2019		<input type="checkbox"/>	
811028	CHEMTECH CT14 ENGINE & BILGE DEGREASER (ITW AAMTECH AUSTRALIA)						
	1	5 L	None	29-Mar-2019		<input type="checkbox"/>	
811176	CIGWELD COMWELD ALUMINIUM FLUX (CIGWELD PTY LTD)						
	1	250 g	None	01-Apr-2019		<input type="checkbox"/>	
811177	CIGWELD NOZZLE DIP (CIGWELD PTY LTD)						
	1	450 g	None	01-Apr-2019		<input type="checkbox"/>	
811187	COLES GLASS AND WINDOW CLEANER (COLES SUPERMARKETS)						

Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments
	1	750 mL	None	01-Apr-2019		<input type="checkbox"/>	
811175	CRC 5.56 AEROSOL (A. S. HARRISON & CO PTY LIMITED)						
	7	400 g	None	01-Apr-2019		<input type="checkbox"/>	
811182	CRC 9050, 9051 AUTO POLISH AND CLEANER (CRC INDUSTRIES (AUST) PTY LIMITED)						
	1	250 g	None	01-Apr-2019		<input type="checkbox"/>	
811193	FLOOD ESP EASY SURFACE PREP (PPG ARCHITECTURAL COATINGS)						
	1	300 g	None	01-Apr-2019		<input type="checkbox"/>	
811181	GRAPHITE (THOMAS GROZIER & SON)						
	1	30 g	None	01-Apr-2019		<input type="checkbox"/>	
811185	HOVEX HOME PROTECTION ANT KILLER (SDS DISCONTINUED) (PASCOE'S PTY LTD)						
	2	500 g	None	01-Apr-2019		<input type="checkbox"/>	
811198	IPLEX PRIMING FLUID RED (BOSTIK AUSTRALIA PTY LTD)						
	2	500 mL	None	01-Apr-2019		<input type="checkbox"/>	
811197	IPLEX PVC CEMENT P GREEN (BOSTIK AUSTRALIA PTY LTD)						
	1	250 mL	None	01-Apr-2019		<input type="checkbox"/>	
811180	LOXEAL 58-11 (BROMIC GROUP)						
	1	100 mL	None	01-Apr-2019		<input type="checkbox"/>	
176	MINERAL TURPENTINE (RECOCHEM INC)						
	1	5 L	None	01-Apr-2019		<input type="checkbox"/>	
811196	MSA LENS CLEANER AEROSOL (MSA (AUSTRALIA) PTY LTD)						
	1	150 g	None	01-Apr-2019		<input type="checkbox"/>	
811189	NULON L80 XTREME PERFORMANCE GREASE (NULON PRODUCTS AUSTRALIA)						
	1	450 g	None	01-Apr-2019		<input type="checkbox"/>	
811188	PARFIX PVA WOOD GLUE (DULUX GROUP (AUSTRALIA) PTY LTD)						
	1	250 mL	None	01-Apr-2019		<input type="checkbox"/>	
811186	PUNCTURE SEALANT (PRO-MA SYSTEMS PTY LTD)						
	1	1250 mL	None	01-Apr-2019		<input type="checkbox"/>	
811190	ROST OFF PLUS 300ML (WURTH AUSTRALIA PTY LTD)						
	1	300 mL	None	01-Apr-2019		<input type="checkbox"/>	
811192	RUST CONVERTOR (WURTH AUSTRALIA PTY LTD)						
	2	400 mL	None	01-Apr-2019		<input type="checkbox"/>	

Stock Number	Product Name (Supplier)						
	Number of Containers	Container Size	Status	Entry Date	Last Inspection	Located	Comments
810266	SELLEYS ALL CLEAR (SELLEYS, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD)						
	1	310 g	None	01-Apr-2019		<input type="checkbox"/>	
4282	SELLEYS ROOF & GUTTER SILICONE SEALANT (SELLEYS, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD)						
	3	310 g	None	01-Apr-2019		<input type="checkbox"/>	
3582	SELLEYS RP7 (SELLEYS, A DIVISION OF DULUXGROUP (AUSTRALIA) PTY LTD)						
	1	300 g	None	01-Apr-2019		<input type="checkbox"/>	
5658	SIGNET STENCIL SPRAY - VARIOUS COLOURS (SIGNET PTY LTD)						
	2	300 g	None	01-Apr-2019		<input type="checkbox"/>	
811178	SPATTER RELEASE SPRAY #691-325 (RS COMPONENTS PTY LTD)						
	1	400 g	None	01-Apr-2019		<input type="checkbox"/>	
5132	STAG JOINTING PASTE (ITW POLYMERS & FLUIDS PTY LTD)						
	1	200 g	None	01-Apr-2019		<input type="checkbox"/>	
811184	WATTYL ENAMEL AEROSOL RANGE (DAMAR INDUSTRIES PTY LTD)						
	4	300 g	None	01-Apr-2019		<input type="checkbox"/>	
3927	WHITE KNIGHT RUST GUARD COLD GAL (PPG ARCHITECTURAL COATINGS)						
	1	400 g	None	01-Apr-2019		<input type="checkbox"/>	
811183	WHITE KNIGHT TOUCH UP PALE EUCALYPT AEROSOL (415537/300GM) (PPG ARCHITECTURAL COATINGS)						
	1	300 g	None	01-Apr-2019		<input type="checkbox"/>	

