



**Monbeef Pty Ltd**

**POLLUTION INCIDENT  
RESPONSE  
MANAGEMENT PLAN  
(PIRMP)**

Monbeef Pty Ltd	
Section: Environmental Management Plan	
CONFIDENTIAL COMMERCIAL INFORMATION	

**PURPOSE:**

Monbeef Pty Ltd hold an Environment Protection License with the NSW Environment Protection Authority (EPA) for 123 Carlaminda Rd. As per the Protection of the Environment Act 1997 (the POEO Act), the holder of an Environment Protection License must prepare, keep, test and implement a pollution incident response management plan (PIRMP) that complies with Part 5.7A of the POEO Act in relation to the activity to which the licence relates.

If a pollution incident occurs in the course of an activity so that material harm to the environment (within the meaning of sect 147 of the POEO Act) is caused or threatened, the person carrying out the activity must immediately implement this plan in relation to the activity required by Part 5.7A of the POEO Act.

A written copy of this plan must be kept at Monbeef, or where the activity takes place and be made available on request by an authorised NSW EPA Officer and to any person who is responsible for implementing the plan.

Part of the plan must also be available either on a publicly accessible website, or if there is no website to any person who makes a written request.

The sections of the plan that are required to be publicly available are set out in clause 98D of the protection of environment operations (General) Regulation 2009.

**NOTE: This plan must be developed in accordance with the Protection of the environment Operations Act 1997 and the (General) Regulation 2009.**

**This PIRMP covers two activities conducted at the site: (1) meat processing and (2) rendering of animal fats.**

**It contains instructions as to what to do in the event of a pollution incident occurring at the site.**

**SCOPE:**

This document covers the abattoir operated by Monbeef Pty Ltd, meat processing plant located at 123 Carlaminda Road Cooma NSW and applies to all activities, products and services on the Monbeef site.

**LEGISLATIVE REQUIREMENTS:**

The PIRMP responds to the specific legislative requirements for the development and implementation of the PIRMP shown in the following table. Part 5.7A of the Protection of the Environment Operations Act 1997 (POEO Act) Part 5.7A of the Protection of the Environment Legislation Amendment Act 2011 (POELA Act) The Protection of the Environment Operations (General) Amendment (Pollution Incident Response Management Plans) Regulation 2012 New South Wales Environmental Protection License (EPL) 5065644 (Monbeef Pty Ltd)

Date Issued: 01/01/2020	Approved by Quality and Compliance Manager
Revision No.2 Revision Date. May 2022	

Monbeef Pty Ltd	
Section: Environmental Management Plan	
CONFIDENTIAL COMMERCIAL INFORMATION	

### Environment Protection Licence (EPL) details

**Name of Licensee:** Monbeef Pty Ltd

**ABN:** 11 829 791 366

**EPL number:** 5065644

**Premises name + address:** Monbeef, 123 Carlaminda Rd, Cooma, NSW 2630

### Contact details

**Name:** Sandy Litchfield

**Position/ Title:** Maintenance Manager

**Phone:** 0429 515 815

**Website Address:** monbeef.com.au

Scheduled activity on EPL: Livestock processing activities

Fee based activity on EPL: Slaughtering or processing animals, Rendering or fat extracting

### Pollution incident - Person responsible PIRMP activation

**Name:** Sandy Litchfield

**Position/ Title:** Maintenance Manager

**Contact #:** 0429 515 815

**Email:** [sandy.litchfield@monbeef.com.au](mailto:sandy.litchfield@monbeef.com.au)

**Name:** Rudy Nonis

**Position/ Title:** Quality and Compliance Manager

**Contact #:** 0449 998 171

**Email:** [rudy.nonis@monbeef.com.au](mailto:rudy.nonis@monbeef.com.au)

**Notifying Relevant Authorities and Managing the response:** Same as Above

### Notification of Relevant Authorities

**Fire & Rescue NSW:** Jimmy Nichols Ph(02)94931263 Mobile: 0403 556 932

**EPA:** 131 555

**Health NSW:** Cooma Hospital 6455 3222

**Safework NSW:** 131 050

**Snowy Monaro Regional Council:** 1300 345 345

### Notification of neighbours

**FutureGen Segment Factory:** Nathan Jones, (Enviro Officer) 0456 863 725

Timothy Din, (Manager) 0411 111 476

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Section: Environmental Management Plan	
CONFIDENTIAL COMMERCIAL INFORMATION	

**Neighbours on Carlaminda Road:**

Joey Wong 0478558633  
 Jim Phillips 02 6452 1410

**If a pollution incident should occur, all necessary action should be taken to minimise the size and any adverse effects of the release. If the incident presents an immediate threat to human health or property, Fire and Rescue NSW, the NSW Police and the NSW Ambulance Service should be contacted first for emergency assistance (phone 000). The other response agencies must still be contacted after that to satisfy notification obligations.**

Persons whose activities have contaminated land and owners of land who become aware, or ought reasonably to be aware, that the land has been contaminated, must notify the EPA as soon as practicable after becoming aware of the contamination, if the contamination meets certain criteria. The duty to notify is a requirement under section 60 of the Contaminated Land Management Act 1997 (CLM Act).

**Description and Likelihood of hazard**

- 1) Long term power failure or breakdown leading to an overflow of pond 6 onto Monbeef’s paddock and eventually into the dry water course on the boundary between Monbeef and the Segment factory.
- 2) Broken Irrigation line leading to a high flow onto Monbeef’s paddock.
- 3) Chemical spill from IBC or tank. All tanks and IBC’s are bunded.
- 4) Bunding doesn’t contain spill
- 5) A plate is punctured or a hose ruptures in the plate freezer
- 6) There is a leak in the plant room.

1) This is highly unlikely as we have guaranteed power and the longest outage Monbeef has experienced was 1/2 hour during the 2019 fires. The ponds themselves hold effluent from 48 hours of full production after the pump goes down. We have parts for the pump on hand and any rebuild will be less than 6 hrs.

If the power goes out, then production will stop and the flow of effluent from the factory will stop.  
 2) This is more likely but the irrigators are moved a few times a day so any broken line will be identified quite quickly by the farm hand.

3) This is unlikely as IBC’s don’t stay on site very long so are always in new condition.

4) This highly unlikely. Our IBC bunds are heavy duty and are regularly replaced when aged and weathered. Our tank bunds are concrete and in good condition.

5) This has happened before and could happen again and has always been managed well by the Monbeef emergency plan.

6) This is highly unlikely. The Management plan for this event is essentially the same as a leak in the plates.

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### Pre-emptive actions

Pump activity on SCADA system to alert the maintenance team there is a problem.  
 Full rebuild kits are in store for pumps and lines to minimise down time.  
 Extensive array of fittings in store to repair broken lines and multi options for delivery so if 1 line goes down, it can be diverted to another part of the property.  
 Regular and extensive preventative maintenance on all plant, bunds, pipework and earthworks.  
 Test PIRMP and Monbeef Management plan at least annually.  
 Ammonia sensors are in the plate freezer and plant room connected to the SCADA system and phone dialer. 4 people are on the phone dialer that are trained to deal with an Ammonia leak.

### Inventory of Pollutants

Anhydrous Ammonia	6 t
Hydrochloric acid 98%	1000L tank
Sodium Hypochlorite	Up to 2 x 200L drums
Sodium Hypochloride	Up to 2 IBC's
Cleaning products	Up to 10 x 20L drums
Effluent	6 ponds (50ML)

### Safety equipment

Spill kits are stationed at every area where a spill is possible. PPE such as rubber gloves, overalls, face masks, goggles, rubber aprons, gumboots, are on hand for all day to day handling of chemical and should be used in the event of a spill. 12V chemical pump on hand to move chemicals from one place to another after a spill, i.e.: into a sound IBC or drum.

### Action to be taken in the event of a pollution incident

In the event of pond 6 overflow start pump immediately and valve to dam, place irrigators in desired place then wait for dam to stop overflow then valve to irrigators.

In the event of a broken irrigation line valve to dam, repair line then valve back to irrigator.

In the event of a chemical spill into bunded areas monitor the spill until IBC or tank has emptied into the bund area. Do not try to stop leak. Get the spare sound IBC and put next to the bund. With appropriate PPE use the chemical pump to transfer the spilt chemical into the sound IBC. Use the spill kit to mop up in the bund. Label leaking IBC as defective and store it to be taken away by supplier for disposal.

In the event of a ruptured bund use PPE and spill kit to contain spill and call Jim Nichols at Fire and Rescue on 6452 2037 and follow instructions from Jim.

In the event of an Ammonia leak in either the plate freezer or plantroom the sensors will pick up 3 PPM and the dialer will ring the 4 people on the dialer. Evacuate the factory using Monbeef's evacuation plan which all workers are trained in. The dialer will give more than enough time to evacuate the building before any harm can come to personnel. Maintenance workers ONLY will then begin isolation of the leak. Automatic isolation will take place immediately when the sensors activate the dialer. Maintenance workers using appropriate PPE will then manually isolate the leak as a backup for automatic solenoids.

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Call Jim Nichols on (02)94931263 at fire and rescue. Call neighbours according to wind direction of the situation. Check all workers are at the appropriate Evacuation point regarding wind direction and begin to ventilate the building. Search and identify the source of the leak and take necessary further action to isolate the leak and make sure compressors etc are still working normally to avoid further issues. Devise a recovery plan to repair or long-term isolation to bring the plant back into production. Check all PPE, replace canisters on masks and stow ready for the next event. Even though the system is checked annually a real-life situation occurred on 2/7/19 and copy of the incident report is attached to shed light on the way in which Monbeef's system works.

### **Coordinating with people**

Call appropriate neighbours and advise them of the nature of the event, advise them that ammonia is extremely light and will go straight up from the factory so there is no real concerns but they should be aware and be ready to evacuate if advised. Advise them of where we are, Monbeef 123 Carlaminda road and a description of the location on site. Advise fire and rescue of the nature of incident and where on site they should assemble. After fire and rescue arrive coordinate all movements and actions with Jim Nichols.

### **Staff Training**

Staff members that are on our emergency management team will be trained in all aspects of evacuation plan, PPE, necessary valve isolation, the procedure of our Management plan and the PIRMP, and clean up.

**Website: [www.monbeef.com.au](http://www.monbeef.com.au)**

**Primary contact details: 123 Carlaminda Road Cooma N.S.W 2630**

**Phone (02) 64 521 783 Working Hours (24 Hour Complaints Line)**

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