


**PIRMP For
Pig Improvement Company Pty Ltd**

Approved Position/Title:
Robert Johnston – General Manager

Signature:


Date: 1/09/2022

PURPOSE:

Pig Improvement Company holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for PIC Australia. As per the *Protection of the Environment Operations Act 1997* (the POEO Act), the holder of an Environment Protection Licence 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 section 147 of the POEO Act) is caused or threatened, the person carrying on 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 314 Grong Grong River Road Grong Grong or where the activity takes place in the case of mobile plant licences, and be made available on request by an authorised NSW EPA Officer and to any person who is responsible for implementing this plan.

Parts of the plan must also be available either on a publicly accessible website, or if there is no such website, by providing a copy of the plan 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 the Environment Operations (General) Regulation 2009.

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

Licensees should also refer to the NSW EPA's *Guideline: Pollution incident response management plans*.

Environment Protection Licence (EPL) Details

Name of licensee: Pig Improvement Company Australia Pty Ltd
(including ABN) ABN – 32 058 819 328

EPL number: 5471

Premises name and address: PIC Australia
314 Grong Grong River Road
Grong Grong 2652 NSW

Company or business contact details
Name: Robert Johnston
Position or title: General Manager
Business hours contact number/s: 0269 562 105
After hours contact number/s: 0407 948 291
Email: info@picaustralia.com.au / rjohnston@picaustralia.com.au

Website address: www.picaustralia.com.au

Scheduled activity/activities on EPL: Livestock intensive activities

Fee based activity/activities on EPL: Pig Accommodation

Pollution incident – Person/s responsible

Contact details must include the names, position titles and 24-hour contact details. Details are to include alternative person/s should the primary contact be unavailable.

PIRMP activation
Name of person responsible: Carlos Gonzalez
Position or title: Production / Technical Manager
Business hours contact number/s: 0269 562 105
After hours contact number/s: 0418 657 230
Email: cgonzalez@picaustralia.com.au
Alternate Contact - Robert Johnston – 0407 948 291

Pollution incident – Person/s responsible, continued

Notifying relevant authorities

Notification should be made by a person with an appropriate level of authority within the company.

Name: Robert Johnston

Position or title: General Manager

Business hours contact number/s: 0269 562 105

After hours contact number/s: 0407 948 291

Email: rjohnston@picaustralia.com.au

Managing response to pollution incident

Name of person responsible: Carlos Gonzalez

Position or title: Production / Technical Manager

Business hours contact number/s: 0269 562 105

After hours contact number/s: 0418 657 230

Email: cgonzalez@picaustralia.com.au

Alternate Contact - Robert Johnston – 0407 948 291

Notification of relevant authorities

Identify any persons or authorities required to be notified as per Part 5.7A of the POEO Act in case of a pollution incident that causes or threatens to cause material harm to the environment.

Relevant authorities include:

1. Fire & Rescue NSW and/or Rural Fire Service as applicable – 000 (first notification)
2. Environment Protection Authority – 131 555
3. Health NSW (nearest public health unit)

See www.health.nsw.gov.au/Infectious/Pages/phus.aspx for local contact details.

4. SafeWork NSW – 131 050
5. Local authority (usually the local council) in which the pollution has occurred.

Note: The local council and public health unit will vary depending on the location of the pollution incident. For mobile plant licences the PIRMP will need to include the person or people who are responsible for identifying the local authority and nearest public health unit.

Fire & Rescue NSW / Rural Fire Service

Contact number/s:

Environment Protection Authority

Contact number/s: Griffith 02 6969 0704 / incident line - 131 555 or +61 2 9995 5555

Health NSW

Relevant Area Health Service:

Contact number/s:

SafeWork NSW

Contact number/s: 131 050

Notification of relevant authorities, continued

Local authority/s

Identify the local authority for the area in which the premises to which the environment protection licence relates, and any area affected, or potentially affected, by the pollution.

Contact number/s:

Narrandera Council -
02 6959 5510

Any other identified organisation or agency requiring notification (if applicable) e.g. Water NSW, Department of Primary Industry, Roads and Maritime Services

Contact number/s:

Water NSW – Emergency Reporting - 1800 061 069

Notification of neighbours and the local community

Identify owners or occupiers of premises in the vicinity of the licensed premises, including any sensitive premises (e.g. schools, preschools, hospitals, nursing homes):

Closest contact – Grong Grong Township

Details of how the neighbours will be informed of the incident, including early warnings and regular updates (e.g. door knock, phone call, emergency alert):

Aim to contact Neighbours by phone and door knock – depending on the incident

Information Provided to the community will be relevant to the incident and may include the following details

- Type of incident that has occurred
- Potential impacts local landholders and the community
- Site contact and details
- Advice and recommendations based on the incident type and scale

Description and likelihood of hazards

Provide a description of the hazards to human health or the environment associated with the activity to which the licence relates:

- Effluent spill
- Odour issue
- Noise issue

Identify the likelihood of any such hazards occurring, including details of any conditions or events that could, or would, increase that likelihood:

- Effluent spill
 - Overflow due to excess rain
 - Breach of dam walls
- Odour issues
 - Weather conditions
 - Pond function restricted due to cold weather
 - Burial site odour
 - General piggery operations
- Noise Issues
 - Operation of machinery
 - Operation of feeder tanks

Pre-emptive actions to be taken

Provide detailed descriptions of the pre-emptive actions to be taken to minimise or prevent any risk of harm to human health or the environment arising from the activities undertaken on the premises:

- Effluent
 - Maintain 600 mm freeboard on all dams
 - Continue maintenance of dam walls to decrease incidence of possible failure
 - Manage flushing and effluent input during periods of higher than expected rainfall
 - Maintain surface water divers so it doesn't enter effluent system
- Odour
 - Restrict chemical use in piggery that may affect function of the digestion in the ponds
 - Manage carcass disposal and coverage
 - Manage dam depth – desludge when dam is full of solids
- Noise
 - Limit vehicle use during daylight hours
 - Limit unloading of feed during daylight hours

Inventory of pollutants

Provide an inventory of potential pollutants on the premises or used in carrying out the activity to which the licence relates:

Identify the maximum quantity of any pollutant/s likely to be stored or held at particular locations (including underground tanks) at or on the premises to which the licence relates.

Refer to site map

Location/Tank	Max. quantity	Contents	Comments
Tank 3 – Workshop	2000 l tank	Diesel fuel	Bunded
Chemical Storage	100 l	Chemicals used on farm	In locked cage at workshop
Effluent Dams	60 meg	Anaerobic Dam	
Effluent Dams	72 meg	Storage Dam	
Carcass disposal area	400 m ²	Disposal of dead animals	Bunded and covered

Safety equipment

Describe the safety equipment or other devices used to minimise the risks to human health or the environment and to contain or control a pollution incident:

- Protective footwear and clothing available in piggery office
- PPPE equipment available in piggery office
- All potential areas are bunded to decrease the risk of overflow or spillage

Communicating with neighbours and the local community

Identify details of the mechanisms for providing early warnings and regular updates to owners and occupiers of premises in the vicinity of the premises to which the licence relates or where the scheduled activity is carried on:

If there is an issue arising – depending on the type the following will be actioned

Spillage of effluent

- Relevant authorities will be notified
- No affect on neighbours so no notification to theme
- Maintain contact on action taken and resultant outcomes and rectifications with relevant authorities

Odour

- When identified – consult with affected neighbors and indicate actions taken to address
- Consult with progress to address
- Consult outcomes and action taken to address so te issue does not continue and return

Noise

- Manage vehicle use and feed deliveries as to limit any noise issues
- Consult with neighbors any action taken

Develop any specific information that could be provided to the community, so it can minimise the risk harm:

N/A

Minimising harm to persons on the premises

Identify 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:

- All staff are inducted into the workplace and are aware of possible contaminations / and chemical use
- MSDS sheets are kept on farm for all chemical used and are available to all staff
- Appropriate PPE is available and is worn as required

Maps

Provide a detailed map (or set of maps) showing the:

- location of the premises to which the licence relates
- surrounding area likely to be affected by a pollution incident
- location of potential pollutants on the premises
- location of any stormwater drains on the premises.

It is also recommended the position of any discharge points or any other useful information be included on the map/s, and that any important details on the map are labelled (e.g. the nearest water course or water body stormwater drains located on the premises discharge to).



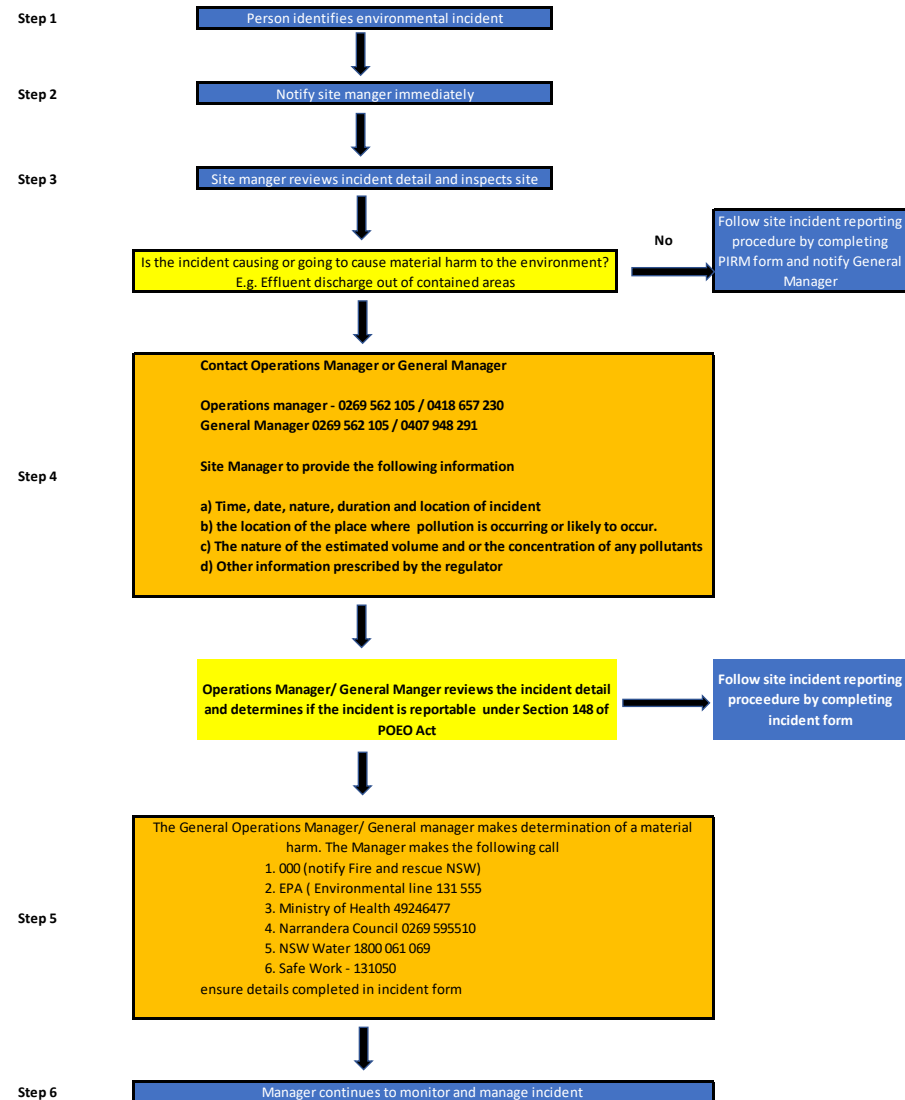
PIC Australia site



Actions to be taken during or immediately after a pollution incident

Develop a detailed description of the actions to be taken immediately after a pollution incident to reduce or control any pollution. These should include as a minimum early warnings, updates and actions to be taken during and after an incident:

Environmental Incident Response Notification



Develop 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

As per Environmental incidence response flow chart.

Identify any actions to be taken in combating the pollution caused by the incident and how any clean-up and associated funding resulting from an incident will be undertaken:

Refer to appendix A

Coordinating with persons

Identify the procedures to be followed for coordinating with the authorities or persons who have been notified:

During an Emergency the Scene Controller will execute the appropriate Emergency Response Procedure and coordinate with authorities as per the PIRMP contact requirements.

Identify the person/s through whom all communications are to be made:

Operations Manager - **0418 657 230**

General Manger – **0407 948 291**

Staff training

Identify the nature and objectives of any staff training program in relation to this plan:

- reporting obligations are part of the staff induction program
- all Senior management and relevant personal will be briefed and trained in the PIRMP protocol and be signed off that they understand their responsibilities associated with the plan
- Yearly review of plan will involve all staff that are involved in the implementation of this plan

Testing and updating of the PIRMP

It is a legal requirement to test the plan every 12 months and within 1 month of any pollution incident.

Detail the manner in which the plan is to be tested and maintained to ensure the information included in the plan is accurate and up-to-date and the plan is capable of being implemented in a workable and effective manner:

Detail how the testing is documented and recorded (this must include the testing dates and the names of all staff members who carried out the testing):

Detail the dates on which the plan was updated:

Example: PIRMP testing details

Date tested	Tested by (to include the names of all people involved in testing)	Details of test (e.g. nature of the test, involvement of other agencies) Note: Testing must cover all components of the plan.	Finding of test including issues identified	Next scheduled testing date (must be within 12 months from current test)
e.g. 24.02.18	Joan Smith, Environment Manager	Desktop simulation – chemical spill	Contact details, map and pollutant inventory out of date	24.02.19

PIRMP update details

Date update occurred	Reason for update (e.g. address issues identified in testing, contact details/personnel have changed)	Details of updates (nature of changes to PIRMP)	Date the updated version uploaded to website (if applicable)	Date of completion
01/09/2022	Outdated items identified	Contact details, map and pollutant inventory updated	01/09/2022	01/09/2022

Pollution Incident Response Management Plan (PIRMP)
(Section E, Annual Report License No 5471)

Pig Improvement Company Pty Ltd.

Date – 14 November 2016

The following simulated incident was tested on 14 November 2016 on site at the Grong Grong Piggery Unit

A transfer effluent pump failed situated between the surge (winter storage) area and licensed application area

The following steps in sequence were undertaken

- Pump failure identified by agricultural manager
- Is there potential for a pollution incident (as defined in section 147 of POEO Act). **YES**
- Refer to **Pollution Incident Response Management Plan** (located in main office)

The following simulated PIRMP actions were tested

- **Likely hazards?** A potential exists for build up in storage area and a diversion from application area distribution plan.
- **Pre-emptive actions** A volumetric measure indicates a level in storage when volume reaches 80%. This level triggers a weekly test pump unit start up to ensure working status. In the event of pump failure, an 80% volumetric level would give minimum of 6 weeks to rectify or replace the pump unit. This time frame was agreed as ample to rectify or replace any unit without the potential for any pollution incident.

It was also noted that storage levels in the surge area past 80% be avoided by application area plans which distribute effectively without budgeting on storage volume higher than 80%.

The following PIRMP details were reviewed and checked

- **Safety equipment** It was agreed to update and check annually the safety equipment necessary for agricultural application and handling of effluent.
- **Contact details** all the names, position titles and contact details were checked and updated within the Grong Grong Unit for PIRMP. Emergency contact information neighbours and community contacts updated.

Notes

Staff in Attendance: Unit Manager, Agricultural Manager, Assistant Unit Manager, Administrative Officer