



**GEOLYSE**

**POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN  
GUNDAMAIN FEEDLOT**

**PREPARED FOR  
D F HERBERT PTY LTD**

**SEPTEMBER 2012**

# **POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN**

GUNDAMAIN FEEDLOT

PREPARED FOR:

**D F HERBERT PTY LTD**

SEPTEMBER 2012



**GEOLYSE**

POSTAL ADDRESS PO Box 1963  
LOCATION 154 PEISLEY STREET  
TELEPHONE 02 6393 5000  
EMAIL [ORANGE@GEOLYSE.COM](mailto:ORANGE@GEOLYSE.COM)

ORANGE NSW 2800  
ORANGE NSW 2800  
FACSIMILE 02 6393 5050  
WEB SITE [WWW.GEOLYSE.COM](http://WWW.GEOLYSE.COM)

|                      |  |
|----------------------|--|
| <b>Report Title:</b> | <i>Pollution Incident Response Management Plan</i> |
| <b>Project:</b>      | <i>Gundamain Feedlot</i>                           |
| <b>Client:</b>       | <i>D F Herbert Pty Ltd</i>                         |
| <b>Report Ref.:</b>  | <i>200251_PIRMP_002B_Gundamain.docx</i>            |
| <b>Status:</b>       | <i>Final</i>                                       |
| <b>Issued:</b>       | <i>4 September 2012</i>                            |

Geolyse Pty Ltd and the authors responsible for the preparation and compilation of this report declare that we do not have, nor expect to have a beneficial interest in the study area of this project and will not benefit from any of the recommendations outlined in this report.

The preparation of this report has been in accordance with the project brief provided by the client and has relied upon the information, data and results provided or collected from the sources and under the conditions outlined in the report.

All information contained within this report is prepared for the exclusive use of D F Herbert Pty Ltd to accompany this report for the land described herein and is not to be used for any other purpose or by any other person or entity. No reliance should be placed on the information contained in this report for any purposes apart from those stated therein.

Geolyse Pty Ltd accepts no responsibility for any loss, damage suffered or inconveniences arising from any person or entity using the plans or information in this study for purposes other than those stated above.

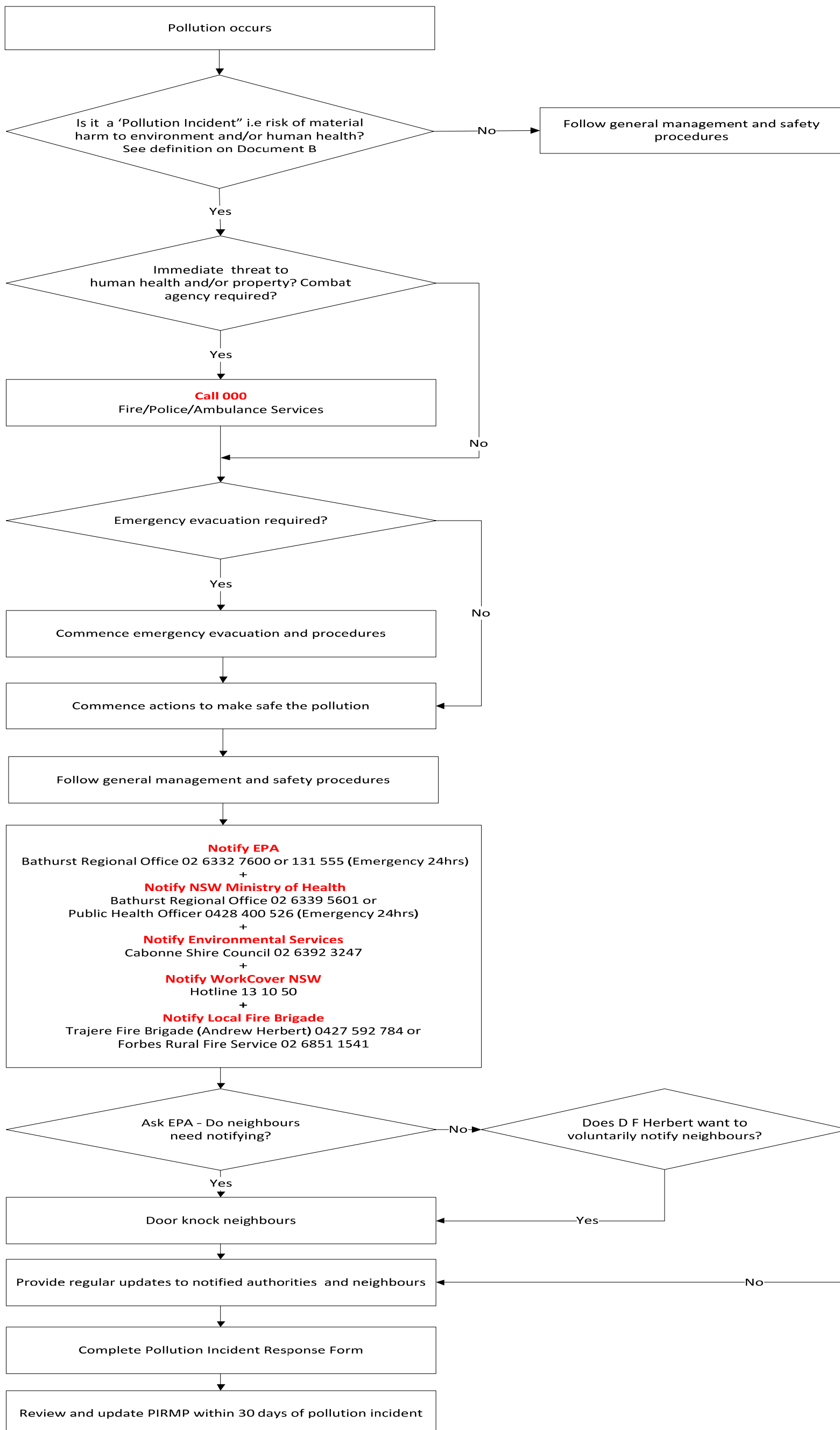
## TABLE OF CONTENTS

|   |          |
|---|----------|
| <b>1.0 POLLUTION INCIDENT CLASSIFICATION, RISK ASSESSMENT AND CONTRIBUTING FACTORS .....</b>  | <b>3</b> |
| <b>2.0 DOCUMENT A - POLLUTION INCIDENT DECISION FLOW CHART .....</b>                          | <b>4</b> |
| <b>3.0 DOCUMENT B – POLLUTION INCIDENT EMERGENCY CONTACT DETAILS</b>                          | <b>5</b> |
| 3.1 DEFINITION OF POLLUTION INCIDENT .....  | 5        |
| 3.2 NOTIFICATION OF POLLUTION INCIDENT .....  | 5        |
| 3.2.1 NOTIFICATION SPEED OF RESPONSE.....   | 5        |
| 3.2.2 NOTIFICATION OF RELEVANT AUTHORITIES.....   | 5        |
| <b>4.0 POLLUTION INCIDENT REPORTING FORM.....</b>   | <b>6</b> |
| <b>5.0 PIRMP TESTING &amp; UPDATE REGISTER.....</b>   | <b>7</b> |
| <b>6.0 STAFF TRAINING REGISTER .....</b>  | <b>8</b> |
| <b>TABLES</b>   |          |
| Table 1.1 – Pollution Incident Classification, Risk Assessment and Contributing Factors ..... | 3        |

## 1.0 POLLUTION INCIDENT CLASSIFICATION, RISK ASSESSMENT AND CONTRIBUTING FACTORS

**Table 1.1 – Pollution Incident Classification, Risk Assessment and Contributing Factors**

| Description of Pollution Incident          | Likelihood | Impact | Contributing Factors  |
|--|------------|--------|---|
| Failure of surface water management system | Low        | Low    | Prolonged periods of wet weather; poor management of the holding pond leading to it exceeding its design capacity (i.e. discharge in excess of the design criteria); insufficient inspection and maintenance of surface water systems |
| Failure of irrigation system               | Low        | Low    | Prolonged periods of wet weather; insufficient inspection and maintenance of irrigation systems   |
| Failure of controls at dead animal pit     | Low        | Low    | Prolonged periods of wet weather may increase risk; poor dead animal management   |
| Fire                                       | Medium     | Low    | Prolonged periods of dry hot weather may increase risk; poor commodity management   |
| Chemical spill                             | Low        | Low    | Improper storage of chemicals; human error; vandalism   |
| Vandalism, activist action or terrorism    | Low        | Low    | Increased risk during hours of closure and during sustained periods of hot and dry weather for fire attack  |
| Uncontrolled stock movement                | Low        | Low    | Human error; insufficient maintenance of fences   |

**2.0 DOCUMENT A - POLLUTION INCIDENT DECISION FLOW CHART**


### 3.0 DOCUMENT B – POLLUTION INCIDENT EMERGENCY CONTACT DETAILS

#### 3.1 DEFINITION OF POLLUTION INCIDENT

A pollution incident is required to be notified if there is a risk of 'material harm to the environment', which is defined in section 147 of the *POEO Act 1997*:

- “(a) *harm to the environment is material 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, and*
- (b) *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.”*

#### 3.2 NOTIFICATION OF POLLUTION INCIDENT

##### 3.2.1 Notification Speed of Response

The requirement for notification of a pollution incident has changed from 'as soon as practicable' to 'immediately'. In short, 'immediately' means 'promptly without delay', but it does not mean undertaking notification ahead of doing what is necessary to make safe.

##### 3.2.2 Notification of Relevant Authorities

Where the pollution incident causes or threatens material harm to the environment or human health, all the following authorities must be notified by the Feedlot Manager:

---



---

#### Notification of Relevant Authorities

---



---

##### 1. Emergency Call Services

- **Emergency Hotline Number (24 hours)** **000\***

\*The Site Supervisor should call 000 if the incident presents an immediate threat to human health and/or property and a combat agency is required (i.e. NSW Fire and Rescue, NSW Ambulance Service, NSW Police Force) and then notify all other parties below including NSW Fire and Rescue via a local telephone number.

##### 2. The Environment Protection Authority (EPA)

- Bathurst Regional Office 02 6332 7600
- Emergency Hotline Number (24 hours) 131 555

##### 3. NSW Ministry of Health (via Public Health Units)

- Bathurst Regional Office 02 6339 5601
- Public Health Officer on Call (24 hours) 0428 400 526

##### 4. Cabonne Council

- Environmental Services, Cabonne Shire Council 02 6392 3247

##### 5. WorkCover NSW

- Hotline Number 13 10 50

##### 6. Fire and Rescue NSW

- Trajere Fire Brigade (Andrew Herbert) 0427 592 784\*\*
- Forbes Rural Fire Service 02 6851 1541\*\*

\*\* If there is no immediate threat to human health and/or property i.e. a combat agency is not required, then the Feedlot Manager is still required to follow that outlined above except for dialling 000.

---



---

## 4.0 POLLUTION INCIDENT REPORTING FORM

Incident No:

Time:

Date:

Duration of Incident:

|  |                                    |
|--|------------------------------------|
| <b>Nature of Incident:</b>   |                                    |
|  |                                    |
|  |                                    |
| Temperature: .....°C   | Wind direction & speed: .....km/hr |
| Relative Humidity: .....%  | Rainfall since 9am:.....mm         |
| Fire Danger Rating: .....  |                                    |
| <b>The location of the place where pollution is occurring or is likely to occur:</b>   |                                    |
|  |                                    |
|  |                                    |
| <b>The nature, the estimated quantity or volume and the concentration of any pollutants involved (if known):</b>                                     |                                    |
|  |                                    |
|  |                                    |
| <b>The circumstances in which the incident occurred, including the cause of the incident (if known):</b>   |                                    |
|  |                                    |
|  |                                    |
| <b>The corrective action taken or proposed to be taken to deal with the incident and any resulting pollution or threatened pollution (if known):</b> |                                    |
|  |                                    |
|  |                                    |

|   |     |    |
|---|-----|----|
| Has Environment Protection Authority (EPA) been notified?           | Yes | No |
| Has NSW Ministry of Health (via Public Health Units) been notified? | Yes | No |
| Has Council been notified?  | Yes | No |
| Has WorkCover NSW been notified?                                    | Yes | No |
| Has Local Fire and Rescue NSW been notified?                        | Yes | No |
| Has the EPA directed D F Herbert to notify neighbours?              | Yes | No |
| If not, has D F Herbert voluntarily notified neighbours?            | Yes | No |

|                  |             |
|------------------|-------------|
| Signature: ..... | Date: ..... |
| Feedlot Manager  |             |



## 5.0 PIRMP TESTING & UPDATE REGISTER

| Date | Routine Testing | Routine Update | Post Incident Updates | New Copies Distributed? |
|------|-----------------|----------------|-----------------------|-------------------------|
|      |                 |                |                       |                         |
|      |                 |                |                       |                         |
|      |                 |                |                       |                         |
|      |                 |                |                       |                         |
|      |                 |                |                       |                         |
|      |                 |                |                       |                         |

