



POLLUTION INCIDENT RESPONSE MANAGEMENT PLAN MUDGEE WASTE FACILITY

PREPARED FOR
MID-WESTERN REGIONAL COUNCIL
BY GEOLYSE IN AUGUST 2012



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16 SEPTEMBER 2020

MID-WESTERN REGIONAL COUNCIL
WASTE & RECYCLING

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PROJECT: *MUDGEE WASTE FACILITY*

CLIENT: *MID-WESTERN REGIONAL COUNCIL*

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THIS DOCUMENT HAS BEEN PREPARED BY AMBER TWIN, WASTE AND RECYCLING TECHNICAL OFFICER FOR MID-WESTERN REGIONAL COUNCIL.

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Pollution Incident Response Management Plan Supporting Statement

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Water Sampling Instructions

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Staff Contact List

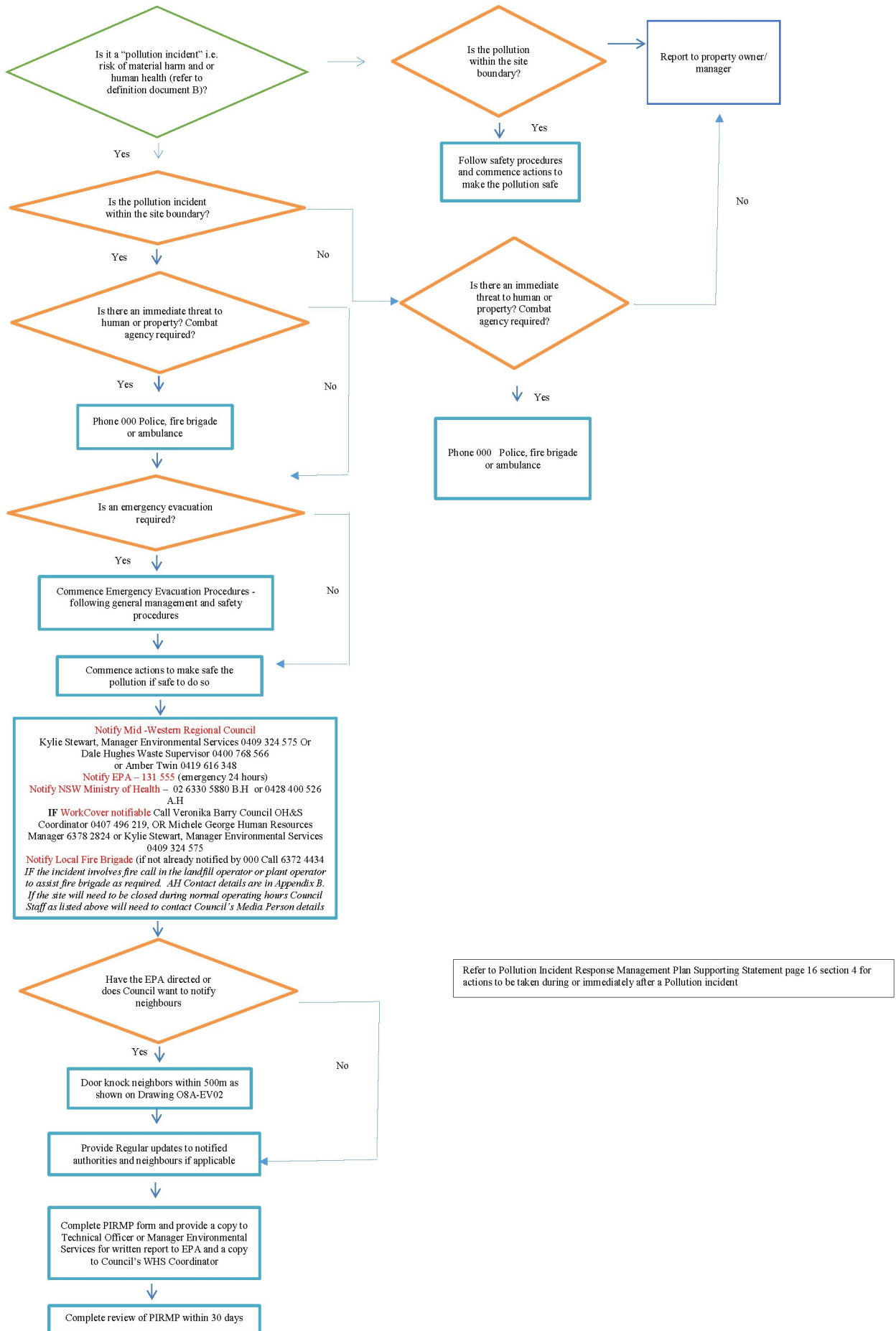
Description of Monitoring Points at Mudgee Waste Facility

1. 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
Identifying non-domestic quantities (more than 200 millimetres per tonne or 200 grams per tonne) of hazardous substances among waste	Medium	Low	Human errors made during waste screening
Surface or subsurface fires at active landfill, public receival areas & recycling facility	Medium	Medium	High winds, dry weather, prolonged high temps and low humidity. Human errors made during screening waste, poor maintenance of plant and equipment, spontaneous combustion, hot embers in waste
Surface or subsurface fires at maintenance and inactive areas	Low	High	High winds, dry weather, prolonged high temps, low humidity and spontaneous combustion.
Mixing of leachate and stormwater or waste and stormwater	Medium	Medium	Prolonged periods of heavy rain, & lack of surface water pond and site maintenance.
Identification of any failure of an environmental protection system	Low	Low	Prolonged periods of heavy rain and/or a mechanical failure of the pump at the leachate pond.
Identification of a significant difference in groundwater indicator parameters	Low	Low	Prolonged periods of heavy rain
Confirmation of surface gas at the landfill at greater than 1.25 per cent methane (volume per volume)	Low	Low	n/a
Confirmation of gas accumulated in buildings at greater than 1.25 per cent methane (volume per volume)	Low	Low	On-site buildings which have not been designed to prevent accumulation of methane gas.
Acts of vandalism or target of terrorist activity	Low	Medium	Increased risk during hours of closure
Any other incident or observation that could potentially pose an immediate environmental hazard outside normal operating	Low	Low	n/a

1.1. Document A Pollution Incident Decision Flow Chart



2. Document B – Pollution Incident Emergency Contact Details

2.1 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.”

2.2 Notification of Pollution Incident

2.2.1 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.

2.2.2 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 Site Supervisor, Manager other staff member should the Supervisor or Manager be unavailable:

Notification of Relevant Authorities		
Emergency Call Services	* 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.	000
Emergency Hotline Number (24 hours)		
Mid-Western Regional Council	Kylie Stewart, Manager Environmental Services	0409 324 575
	Dale Hughes, Supervisor Waste	0400 768 566
	Amber Twin, Waste & Recycling Technical Officer	0419616348
<i>The Environment Protection Authority (EPA)</i>	<i>Emergency Hotline Number (24 hours)</i>	<i>131 555</i>
The Ministry of Health (via Public Health Units)	Public Health Officer on Call (24 hours)	B.H 63305880 A.H 0428 400 526
WorkCover NSW	WorkCover to be notified only for notifiable incidents. All notifications to WorkCover must be made by –	
	Veronika Barry, WHS Coordinator	0407 496 219
	Michelle George, Manager Human Resources	6378 2844
	Kylie Stewart, Manager Environmental Services	0409 324 575
Fire & Rescue NSW	Cudgegong Rural Fire Service	02 6372 4434**

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

■ A copy of the pollution incident reporting form must be sent to the Bathurst EPA office once completed, normally this will be sent to the Manager or Technical Officer to sign off and forward. In addition a copy is to be filed in Council’s electronic filing system, PIRMP master folder at Operations and a copy sent to Council’s WHS Coordinator.

3. Pollution Incident Reporting Form

INCIDENT NO:	TIME:
DATE:	DURATION OF INCIDENT:

NATURE OF INCIDENT:

TEMPERATURE:	° C	WIND DIRECTION AND SPEED:	KM/H
RELATIVE HUMIDITY:	%	RAINFALL SINCE 9 AM	MM
FIRE DANGER RATING:			

THE LOCATION OF THE PLACE WHERE THE POLLUTION INCIDENT IS OCCURRING OR LIKELY TO OCCUR;

THE NATURE, THE ESTIMATED QUANTITY OR VOLUME AND THE CONCENTRATION OF ANY POLLUTANTS INVOLVED (IF KNOWN)

THE CIRCUMSTANCES IN WHICH THE INCIDENT OCCURRED, INCLUDING THE CAUSE OF THE INCIDENT (IF KNOWN),

THE CORRECTIVE ACTION TAKEN OR PROPOSED TO BE TAKEN TO DEAL WITH THE INCIDENT AND ANY RESULTING POLLUTION OR THREATENED POLLUTION (IF KNOWN)

HAS COUNCIL BEEN NOTIFIED?	YES	NO
HAS THE ENVIRONMENT PROTECTION AUTHORITY (EPA) BEEN NOTIFIED?	YES	NO
HAS THE NSW MINISTRY FOR HEALTH (VIA PUBLIC HEALTH UNIT) BEEN NOTIFIED?	YES	NO
IF THE INCIDENT IS WORKCOVER NOTIFIABLE HAVE THE APPROPRIATE COUNCIL STAFF AS PER THE PIRMP NOTIFIED WORKCOVER?	YES	NO

HAS THE LOCAL FIRE AND RESCUE BEEN NOTIFIED?	YES	NO
HAS THE EPA BEEN DIRECTED COUNCIL TO NOTIFY NEIGHBOURS?	YES	NO
IF NO, HAS COUNCIL VOLUNTARILY NOTIFIED NEIGHBOURS	YES	NO

WITNESSES	
NAME:	
ADDRESS:	
PHONE NUMBER:	
NAME:	
ADDRESS:	
PHONE NUMBER:	
IF MORE THAN 2 WITNESSES PLEASE ADD ADDITIONAL DETAILS AT BOTTOM OF FORM.	

DETAILS OF ANY FOLLOW UP WITH COMPLAINANT;

HOW INCIDENT WILL BE PREVENTED OF MITIGATED IN THE FUTURE?

NAME OF COUNCIL STAFF MEMBER ON SITE.....

SIGNATURE..... DATE.....

SIGNATURE..... DATE.....

MANAGER ENVIRONMENTAL SERVICES

4. PIRMP Testing and Update and Staff Training Registers

TESTING AND UPDATE REGISTERS			
Date	Routine Testing	Routine Update	Post Incident Update
June 2013			X (no changes)
21 May 2013	X		
15 May 2014		X	
February 2015			X additional details added to primp form and workcover notification changed
November 2015	X	X	
November 2015			X No Changes
5 April 2016			X No Changes
26 July 2016			X sampling COC updated
22 September 2016		x	Update of number for Ministry Health
20/12/16	x		
12/12/17	x	x	
18/9/18		x	
23/9/19		x	
15/09/2020		x	

STAFF TRAINING REGISTERS		
Date	Staff Member	Training Provider
March 2013	Kylie Stewart	Netwaste
21 May 2013	Ian Byrnes	Octec
21 May 2013	Tim Hancock	Octec
21 May 2013	Darrel Maranda	Octec
21 May 2013	Shantelle McDonald	Octec
21 May 2013	Kylie Stewart	Octec
21 May 2013	Julian Geddes	Octec
1 April 2014	Ben Loynds	MWRC Induction incl PIRMP
26 November 2015	Shantelle McDonald	MWRC
26 November 2015	John Julius	MWRC
26 November 2015	Alex Carynny	MWRC
26 November 2015	Isaac Kenny	MWRC
26 November 2015	Ben Loynds	MWRC
26 November 2015	Ian Byrnes	MWRC
26 November 2015	Darcy Maranda	MWRC
9 December 2015	Tim Hancock	MWRC
9 December 2015	Robert O'Dwyer	MWRC
9 December 2015	Julie Headley	MWRC
20 December 2016	Andrew Ward	MWRC
	Tim Hancock	MWRC
	Isaac Kenny	MWRC
	Julie Headley	MWRC
	John Julius	MWRC
	Garry Hobbs	MWRC
	Ben Loynds	MWRC
12 December 2017	Alex Carynny	Bob Bailey Consulting
19 August 2019	John Julius	LOGICUS Environmental Management
	Richard James	LOGICUS Environmental Management
	Tim Handcock	LOGICUS Environmental Management
	Amber Twin	LOGICUS Environmental Management
	Julie Headley	LOGICUS Environmental Management
	Isacc Kenny	LOGICUS Environmental Management
	Dale Hughes	LOGICUS Environmental Management
	John Sack	LOGICUS Environmental Management
10 September 2020	Dale Hughes	JS Regulatory Services
	John Sack	JS Regulatory Services
	John Julius	JS Regulatory Services
	Ian Mackie	JS Regulatory Services
	Kurt Ellis	JS Regulatory Services