

## *BOC Wagga Wagga*

### *Pollution Incident Response Management Plan (PIRMP) Website Report*

BOC Limited Wagga Wagga, herein referred to as BOC, is located at 354 Byrnes Road Bomen, New South Wales approximately 6 km east of the Wagga Wagga CBD.

The facility operates Monday to Friday 06:00 – 22:00. BOC holds Environmental Protection Authority (EPA) Environmental Protection Licence (EPL) 13141. The Scheduled Activities associated with Routine Operations in the EPL include Chemical Storage, Dangerous Goods Production and Hazardous Waste Storage. Consent for two licenced activities related to Waste disposal (thermal treatment), and Waste processing (non-thermal treatment) from a Cylinder Remediation Project will lapse on 17 March 2018.

The following Pollution Incident Response Management Plan (PIRMP) is a modified version completed in accordance with the *Protection of the Environment Operations (POEO) (General) Amendment (Pollution Incident Response Management Plans) Regulation 2012*, Chapter 7 part 3A. This modified website version of the PIRMP has been modified to be available to the public on our website in line with POEO requirements. A copy of the full PIRMP is maintained at the premises in Byrnes Road, Bomen NSW.

The objectives of BOC's PIRMP are to:

- *Ensure comprehensive and timely communication about a pollution incident to staff at the premises, the Environment Protection Authority (EPA), other relevant authorities specified in the Act (such as local councils, NSW Ministry of Health, WorkCover NSW, and Fire and Rescue NSW) and people outside the facility who may be affected by the impacts of the pollution incident*
- *Minimise and control the risk of a pollution incident at the facility by requiring identification of risks and the development of planned actions to minimise and manage those risks*
- *Ensure that the plan is properly implemented by trained staff, identifying persons responsible for implementing it, and ensuring that the plan is regularly tested for accuracy, currency and suitability.*

### *Authority Contact Details*

If the emergency is an environmental incident which causes or threatens to cause material harm to the environment or human health, BOC is to firstly call 000 if the incident presents an immediate threat. Fire and Rescue NSW, the NSW Police and the NSW Ambulance Service are the first contacts, as they are responsible for controlling and containing incidents.

If the incident does not require an initial combat agency, or after the 000 call has been made, BOC is to notify the relevant authorities in the following order. The 24-hour hotline for each authority is given when available.

If the emergency is an environmental incident which causes or threatens to cause material harm to the environment or human health, the following authorities will be informed immediately:

- Appropriate Regulatory Authority (ARA) is the NSW EPA (131 555)
- The Ministry of Health (02 9391 9000)
- WorkCover NSW (13 10 50)
- Wagga Wagga City Council (02 6926 9190 and/or 1300 292 442)
- Fire and Rescue NSW 1300 729 579

### ***Procedure for Notification of Incident to Surrounding Areas***

In the event of an environmental incident causing or threatening material harm, it is the responsibility of BOC's Production Manager to notify emergency services and where the incident has potential to spread beyond site boundaries, notify people living or working in the immediate neighbouring sites.

### **Neighbouring Businesses and Residents**

In the event of a spill or chemical release from BOC or a neighbouring site which is not able to be controlled as part of a local site response, BOC will attempt to identify the nature of the spill by calling emergency services. If in doubt as to the nature of the spill the area will be cleared of all personnel. If required the BOC facility will be shut down and personnel evacuated to a safe area. Any instructions given by the emergency services will be followed.

Once this has been done, all emergency and evacuation procedures including the notification and evacuation of neighbours are the responsibility of the emergency services.

The largest potential hazard for the site relating to EPL activities is the possible release of toxic gases from the bulk storage tanks. Under worst case conditions, the hazard ranges for a release from the ammonia and sulphur dioxide storage tanks are included below in Table 1.

**Table 1: BOC Limited Wagga Wagga MHRP Hazard Ranges for Releases from Bulk Storage Tanks**

	<b>Extreme hazard range</b>	<b>High hazard range</b>	<b>Low hazard range</b>
<b>Sulphur Dioxide</b>	540 m	900 m	1100 m
<b>Ammonia</b>	540 m	950 m	1200 m

In the event of a major release, the railway line and Byrnes Rd could be affected if the wind is blowing in that direction. In this event, the railway line and Byrnes Rd may be closed to ensure safety of persons.

Development Consent granted in September 2015 enabled the site to become a temporary Resource Recovery Facility. The processing of redundant gas cylinders containing a variety of gases is permitted until March 2018. No emergency scenarios were identified that extended off site as a result of this activity.

Development Consent granted in 2017 for production of Stench Gas in small cylinders is an important product used by Australian mine sites to advise mine workers of the need to evacuate. The active ingredient gives off a strong LPG-like odour if spilled but is not considered a hazardous odour. No specific action (response) is required should this odour be detected.

Development Consent granted in 2017 for storage a range of standard products involves small quantity storage on site for distribution to regional customers. As these products are distributed in individual cylinders the largest release from a full cylinder would not be expected to result in an off-site impact. A large number of empty cylinders are also stored on site for other BOC sites in Australia.

Persons living and working in the vicinity are updated during an incident by BOC via phone and/or driving to the neighbouring facility to inform. A community contact list including company, contact numbers and specific nearest neighbouring site details are included below in Table 2.

**Table 2: BOC Limited Wagga Wagga Neighbouring Industries/Businesses Contact Details**

COMPANY NAME	ADRESSS	PHONE
Bidgebong Wines	352 Byrnes Rd or	6931 9955 or 0419 384 676  Intermittent work – can be vacant and unanswered at some times.
Caltex Bomen Terminal	18 Lewington Road	6921 4710
Orbitas Resource Recovery	212 East Bomen Road, Wagga Wagga	Associated with RMT at Byrnes Road 1300 783 879
Austrak	Dampier Rd Wagga Wagga or 53 Webb St Wagga Wagga	02 6971 8754  Intermittent Work – can be vacant and unanswered at some times.

Site nearest neighbours have been advised by letter drop as part of the Major Hazard Facility Community Consultation Program of recommended actions in the event of a Major Incident. These include:

- Follow instructions of Emergency Response Agencies as they are received.
- If no specific instructions are available from Emergency Responders it is generally best to
- Go inside immediately
  - Stay indoors and close windows and doors
  - Turn off air conditioners and exhaust fans
  - Do not attempt to evacuate unless directed to do so by Police or Emergency Services
  - Leave children at school where they will be cared for
  - Do not use the telephone except for urgent calls
  - Doors and windows should only be opened to restore ventilation when advised to do so
  - *Do not try to get closer to an incident*

### Emergency Services

The Emergency Plan and procedures were developed in conjunction with the Emergency Services and have been approved by SafeWork NSW as part of requirements for Major Hazard Facilities.

Familiarisation visits by the Emergency Services have been completed. Information sought by the Emergency Services when dealing with various incidents were considered during the formulation of the Emergency Plan.

The Emergency Services has been consulted in regards to the relevant information that enables them to pre-plan their responses based on various incident scenarios and was the subject of a desktop response exercise by the WW Local Emergency Management Committee in 2013.

It has been mutually agreed that:

- The Emergency Services are expected to arrive less than 25 minutes after being called
- The Emergency Services will take control after they arrive including neighbourhood evacuation and restricting access to the affected areas.