



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Pollution Incident Response Management Plan Banksmeadow Terminal - Redacted Version

1. Introduction

The Pollution Incident Response Management Plan (PIRMP) has been prepared for Ampol Australia Petroleum Pty Ltd - Banksmeadow Terminal (EPA License No 6950), to set out specific requirements for achieving compliance with the relevant requirements introduced in the Protection of the Environment Legislation Amendment Act 2011 (POELA Act, 2011) related to timely notification and management of the pollution incidents causing “material harm”.

2. Objectives

The objectives of this PIRMP are to

- Ensure comprehensive and timely communication about the pollution incident to:
 - Ampol and sub-contractor personnel;
 - Environmental Protection Authority;
 - Port Authority of NSW;
 - NSW Ministry of Health;
 - SafeWork NSW;
 - Fire and Rescue NSW;
 - Botany Local Government Agency;
 - Randwick Local Government Agency;
 - Wider community outside the facility who may be affected by the impacts of the pollution incident.
- Minimize and control the risk of pollution incident at the facility through
 - Identification of risks;
 - Development of planned actions;
 - Implementation and close out of the planned actions in a timely manner.
- Ensure that the plan is implemented by
 - Trained personnel with responsibility for implementing the plan;
 - Regular testing for accuracy, currency and suitability.

Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 1 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

Legacy ID: SD206188



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

3. Definitions

Pollution Incident

An Incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur.

It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise.

Material Harm

Material Harm

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 (or such other amount as is prescribed by the regulations), 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.*

For the purposes of this definition, it does not matter that harm to the environment is caused only in the premises where the pollution incident occurs.

Environment means:

components of the earth, including:

- (a) *land, air and water, and;*
- (b) *any layer of the atmosphere, and;*
- (c) *any organic or inorganic matter and any living organism, and;*
- (d) *human-made or modified structures and areas*

and includes interacting natural ecosystems that include components referred to in paragraphs (a)–(c).

EPA

Means the Environment Protection Authority constituted by the Protection of the Environment Administration Act 1991

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 2 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

A premise includes:

A building or structure, or (b) land or a place (whether enclosed or built on or not), or (c) a mobile plant, vehicle, vessel or aircraft.

Pollution means:

(a) water pollution, or (b) air pollution, or (c) land pollution.

Activity means:

An industrial, agricultural or commercial activity or an activity of any other nature whatever (including the keeping of a substance or an animal).

4. Types Of Incidents To Be Notified

Only those incidents which occur in the course of an activity so that material harm to the environment is caused or threatened are to be reported.

Note on exclusions:

- (a) Definition of "Pollution Incidents" excludes **Noise**;
- (b) **Odour is not required to be reported** as a Pollution Incident under Part 5.7, s.148 (7) of Protection of the Environment Operations (POEO) Act 1997.
- (c) A person is not required to notify an incident if the incident is an ordinary result of action required to be taken to comply with an Environment Protection Licence, an Environment Protection Notice or other requirement of or made under this act (s.151 of POEO Act, 1997).

5. Notification Responsibility

The Banksmeadow Terminal Operations Manager (TOM) and National Environment Manager, Distribution (for EPA contact) has primary responsibility for calling the Agencies identified in the Key Contact list in Table 9.1. Responsibilities for statutory reporting are identified in the *Ampol Incident Notification and Investigation Standard* (CD3824).

As indicated in Section 4.8 of the Banksmeadow Terminal Emergency Plan, the Terminal Operations Manager (TOM) is responsible for ensuring that all site personnel are properly trained in their roles and responsibilities with respect to execution and maintenance of this plan. This responsibility extends to all third parties entering the site, including contractors, tanker drivers and visitors whose emergency response training shall take place via the site induction. emergency response training shall take place via the site induction.

Following the initial notification, the Terminal Operations Manager (TOM) is responsible for consulting with the Emergency Services, Support Agencies, external authorities and neighbouring premises in matters relating to this plan.

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 3 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

All site-based personnel are responsible for becoming familiar with this PIRMP, and in particular, the actions expected of them in the event of an emergency.

6. Description of Environmental Hazards

The Banksmeadow Terminal Environment Management System (EMS) is ISO14001 certified. As part of the EMS, the site has identified the environmental aspects and impacts of its activities and has documented these in area specific risk registers, as part of the combined *Environmental Aspect and Impact Register* for the site. This register includes the aspects, risks and controls associated with the terminal operations, tank maintenance, and remediation project works. Identified control improvements are also included in the register, as needed.

These Registers are reviewed in accordance with the site's Operational Environmental Management Plan (OEMP) stated review triggers, operational changes requiring a review of the site Environmental Aspects and Impacts Risk Register, following an incident impacting environmental performance when controls were found to be inadequate and/or when there are changes to operational activities. Following are some of the environmental hazards identified:

Table 6-1 Potential Environmental Hazards - Pollution Event

Potential Initiating Conditions/ Events	Potential Risk Scenario	Remarks
In operational areas: Unauthorised hot work generating spark Sparks from unauthorised use of electrical equipment petrol driven vehicles in high risk areas	Fire and explosion	The scale, extent, duration and nature of the material relating to each of the identified risks will likely determine if the consequence is causing or has the potential to cause material environmental harm. Licence Exceedances are not included in this plan as these are reported as per the licence reporting conditions and in the "Annual Return".
Failure of plant and equipment e.g. connections, valves. Loss from stored chemicals and products Procedural lapses/errors - spills	Loss of Containment to land or water - examples are uncontrolled releases of hydrocarbons waste	
Failure of plant and equipment e.g. connections, valves. Stored chemicals and products loss – container failure Procedural lapses/errors	Oil/product spill requiring response	
Failure of plant and equipment e.g. Brotherson Dock loading arms, during product discharge Procedural lapses/errors by Ampol employee or ship crew	Oil/product sheen in bay during rain event or ship refuelling activity	

Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 4 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Potential Initiating Conditions/ Events	Potential Risk Scenario	Remarks
Vehicle collision Procedural lapses/errors – Ampol employee or contractor	Equipment damage resulting in an uncontrolled release	Refer to comments above
Off-site Sub Station failure black out following lightning strike	Failure of power system	
Collision with third party vehicle Truck roll over during travel or following collision	Tanker truck accident (offsite)	

Table 6-2 Potential Human Health Hazards - Pollution Event

Potential Initiating Conditions/ Events	Potential Receptors	Exposure Pathways
Fire – generating smoke and vapours Loss of containment impacting surface waters	Site personnel	Ingestion and dermal contact with contaminated surface water; groundwater; vapour inhalation
Fire – generating smoke and vapours Loss of containment impacting surface waters Intercepted product lines during trenching	Maintenance workers and excavation workers at, and in the vicinity of, the site	Ingestion and dermal contact with groundwater Ingestion and dermal contact with contaminated soil Vapour inhalation in trenches and pits
Loss of containment impacting surface waters and groundwater	Adjacent Commercial or Residential Site Users	Ingestion of groundwater and vapour inhalation
Loss of containment impacting surface waters and groundwater	Surface Waters (Botany Bay)	Lateral migration of contaminants in shallow groundwater

7. Inventory of Pollutants

Banksmeadow Terminal stores, handles and distributes a large number of fuel products and fuel additives, and has a comprehensive management system for safe handling of such materials. The site uses this system that includes amongst others:

- Dangerous Goods and Hazardous Substances Register (Sections 10 and 11 - Banksmeadow Terminal ERP (CD1992))
- Material Safety Data Sheets;
- Procedures for the approval of new chemicals on site;
- Procedures for safe storage and use of these materials

In addition, to meet the requirements of Acts other than the environmental legislation, updates of the Dangerous Goods and Hazardous Substance Manifest and List are undertaken and provided to SafeWork NSW.

Refer to Section 9.3 Incident Risk Ranking, specifically Table 9-4 for the list of products stored on site, including maximum volumes. Section 5.6 of the ERP also provides a list of Hazardous Chemicals and other relevant data to assist with hazard communication and incident response management.

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 5 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

The Banksmeadow Terminal Emergency Response Plan, specifically Table 3 provides a list of products stored on site, including max. Tank capacity. Section 4.5 Hazardous Chemicals Register and Manifest, specifically Table 5 provides additional dangerous goods classifications and general descriptions of the hazardous chemicals on site and other relevant data to assist with hazard communication and incident response management

8. Comprehensive Emergency Response Plan

The Banksmeadow site is staffed 24 hours a day, 365 days a year by an experienced Operations team.

Additionally there are a number of early detection systems installed on tanks, piping and other storage units to monitor flow movements and tank fill rates. These systems include:

- Tank gauging;
- High and high-high level alarms;
- Independent tank over-fill alarms which trip out fill valves;
- Lower Explosive Level (LEL) monitors/alarms in bunds (for Gasoline);
- CCTV and flame detectors on tank tops - images back to Terminal Control room;
- Monitoring and alarms for uninitiated tank fill (and flows to/from or in incorrect direction)

A key part of the Operations Coordinators role is to monitor product flow/movements into the Terminal from Kurnell and the systems mentioned above. All such movements are monitored and tracked using the Digital Control System (DCS). The Kurnell Control room team also monitor product flow/movements, using the same system. In cases where an alarm is activated, Operations Coordinator's role is to acknowledge the alarm, investigate the reason for the alarm and respond accordingly as a *first responder*. They have a number of *first responder* tools and safety equipment available:

- PPE – safety gloves, glasses and goggles, protective clothing and footwears to prevent product exposure during first response;
- Use of hydrocarbon and chemical spills kits strategically located around the site, along with additional back up equipment and supplies, as needed;
- Activate the Banksmeadow site alarm and notify Ampol Emergency Hotline and other agencies, as appropriate;
- Shut down all terminal and tanker truck loading operations via the DCS and emergency stops in the Tanker Truck Loading Rack (TTLR);

A backup supply of emergency spills containment equipment and other PPE is stored on site with additional stock available from Kurnell Terminal, as needed.

The Banksmeadow Terminal operates a comprehensive Emergency Plan (EP) (CD1992) as part of the Ampol Emergency Management Standard (CD3158).

The EP describes:

- Various procedures to be followed or complied with;

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 6 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

- Available response equipment & safety gear;
- Outline of the trained teams to support the implementation of the plan

In addition to the ERP, a number of Scenario Guidance Notes (SGN) have been developed to deal with the types of possible emergency events. Amongst these SGN's are ones that deal with pollution events to land and water. These tools, along with the ERP, are also used as training aids for the Operations Coordinators and the other members of the local emergency response team.

To date this plan has been successful in protecting and minimizing impacts on the Environment. Regular exercises are carried out and changes to the plan are made as required to incorporate learning from the exercises. Regular exercises are carried out and changes to the plan are made as required to incorporate learning from the exercises. Copy of the Banksmeadow Emergency Response Plan is published in the Ampol DMS and available to third parties on request.

The components of the Emergency Plan relevant to this PIRMP are cross-referenced in the relevant Sections of Environment Operations Act 1997 and POEO (General) Regulation 2009 – refer to Appendix B.

To assist in an emergency situation, Ampol operates a centralised emergency response service through the 24/7 ERS Provider (IXOM), referred to as the Ampol Emergency Hotline. This is **a 24 HOUR, 7 DAYS per week response unit.**

The 24/7 ERS Provider Service has been contracted by Ampol to:

- Provide a single point of contact with all appropriate Ampol response staff, on a 7 day/24 hour basis;
- Ensure contact is established with all appropriate Emergency Services;
- Ensure Ampol management and appropriate crisis management personnel are notified;
- Provide specialist response /first aid /technical advice (e.g. material safety information);

The Ampol Emergency Hotline will be used by employees to ensure that all relevant staff and authorities are notified.

The Ampol Emergency Hotline contact number is (toll free):

1 800 033 111

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 7 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

9. Contact Details of The Relevant Authorities To Be Notified of Pollution Incident

Table 9-1 KEY EXTERNAL CONTACT INFORMATION

Relevant Government Agencies		
1. Whether there is <i>threat to</i> human health or property or not 2. <i>Always request a Call Reference No.</i>		
Emergency Services Fire & Rescue NSW	000	000
EPA (Banksmeadow Terminal Licence #6950)	24 hour notification line info@environment.nsw.gov.au	131 555
SafeWork NSW (formerly WorkCover)	24 hours notification line	131 050
Port Authority of NSW (formally SPC)	Port Emergencies - 24 hours	9296 4003
Ministry for Health (Public Health Unit – Randwick) South Eastern Sydney Local Health District (Public Health Unit)	Business Hours After Hours (ask for Public Health Nurse) Email: SESLHD-PublicHealthUnit-EH@health.nsw.gov.au	9382 8333 9382 2222 9382 8233 (Option 4) AH: 9382 2222
Sutherland Shire Council	Local Emergency Management Officer [REDACTED] ssc@ssc.nsw.gov.au	9710 0551 0414 193 743
Regional Emergency Management Officer	[REDACTED] - REMO	9285 3124 0413 388 580
Department of Home Affairs	Marine Security Incidents	1300 791 581
https://www.homeaffairs.gov.au/ https://www.homeaffairs.gov.au/help-and-support/departmental-forms/online-forms/maritime-security-incident-report-form		
Department of Planning and Infrastructure	It is a condition of consent to notify DPI of all incidents with potential offsite impact within 7 days of the incident occurring	9228 6111
Bayside Council	Pollution Hotline	1300 581 299
Randwick Council	Pollution Hotline	24 hours 1300 722 542

Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 8 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Fire / Loss of Containment Incident contacts		
FRNSW Zone Commander Peter Cleary	Metropolitan South 2 Georges River	0427 416 163
FRNSW Operational Media Coordinator		9265 2999 0418 181 000
FRNSW	24 hour hotline for reporting pollution incidents	1300 729 579
NSW Police	Maroubra Police Station	02 9349 9299
CHUBB emergency foam	24 hours	1800 099 255
Benestar (Employee Assistance)	www.benestar.com	1300 360 364
Sydney Water Corporation	Emergency Duty Personnel	13 20 90
Bureau of Meteorology	General (Sydney Office)	9296 1555
Sydney Airport	Control Tower Operations Airports Duty Manager Fire Control (Fire Rescue Response - 24 hours)	9556 6663 9667 6097 9556 6888 9556 6889
Cleanaway	General (Sydney Office)	1800 774 557

Table 9-2 KEY INTERNAL CONTACT INFORMATION

Ampol Banksmeadow Terminal and Distribution Management Support			
Ampol AMT Duty Manager	IXOM ERS – 24 hours		1 800 033 111
Ampol Banksmeadow Terminal	Terminal Operator – 24 hours		0418 281 691
General Manager - Distribution	Ampol AMT Duty Manager IXOM ERS – 24 hours 1 800 033 111		
Head of Terminals Australia			
Banksmeadow Terminals Operations Manager			
Banksmeadow Terminal – Operations Specialist			
OE Manager, Infrastructure.			
WHS Business Partner - Distribution			
Senior Safety Specialist			
National Environment Manager Distribution			
Senior Environment Management Systems Specialist			

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 9 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Ampol Corporate Management	
Corporate Risk Advisor	Ampol AMT Duty Manager IXOM ERS – 24 hours 1 800 033 111
Senior Manager Communications	
Distribution Emergency Response Specialist	
Community Engagement Manager	

Notes:

Certain Ampol employees' names and their "out of work" contact details have been blocked out, in line with Ampol Privacy requirements. In all instances, please call the Ampol Emergency Response (Duty Manager) on 1880 033 111

Refer to (CD1992) Banksmeadow Emergency Response Plan – Contact List for full list of contact phone numbers.

9.1 Community

Consultation with community members during and/or after a reportable pollution incident will be undertaken in accordance with this PIRMP. The police will generally take on the role of interfacing with site neighbours but may require the assistance of Ampol personnel.

This role (and prior to police arrival if necessary) should be delegated by the Ampol emergency controller so that adequate resources remain at the site to respond to the emergency. Advice around evacuation and other actions, remain the responsibility of emergency services and the community is advised to always follow their directions.

In the days following a pollution incident, appropriate platforms are to be considered for implementation to communicate further with the community. These include but are not limited community drop-in centre, door knocking and the distribution of community updates via letterbox drop. The community may also contact the Terminal via the dedicated 24hour hotline on **1800 033 111** or community@ampol.com.au

Consultation with community members during and/or after a reportable pollution incident will be undertaken in accordance with this PIRMP. The police will generally take on the role of interfacing with site neighbors but may require the assistance of Ampol personnel.

This role (and prior to police arrival if necessary) should be delegated by the Ampol emergency controller so that adequate resources remain at the site to respond to the emergency. Where emergency services do not take on this role, Ampol will consider utilising various communications tools such as phone calls, door knocking, and letter box drops as appropriate for the incident and its impact.

A list of contact details for neighbouring sites is presented in Table 9-2 below.

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 10 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Table 9-2 Neighbour Contact List

Name	Position	Telephone
Bulk Liquid Berth	Berth Operations Manager	Port Radio (BLB)
Ports Authority of NSW	GM Safety, Security & Environment	Port Radio or 9296 4999
Pacific National Operations	General reports and enquiries (Chullora)	02 8484 8000
	Port Botany Terminal Operations Manager	0400 247 153
DP World	Security	02 9394 0900
	Manager Safety & Environment	02 9394 0997
Svitzer Australasia	Sydney Operations	1800 804 186
Australian Rail Track Corporation (ARTC)	General Enquiries	08 8217 4366
	Enviroline Notifications	1300 550 402
AST services	Office Manager	02 9666 7736
MBS Building & Landscape	Office Manager GM	02 9666 1000 0422 380 949
Botany Golf Course	General Enquiries	02 9316 8582

9.2 Incident Risk Ranking

Table 9-3 below provides a list of products stored at Banksmeadow Terminal and the need for early warning, depending on the nature of the incident. Early warning requirements for neighbors are included. Where the likely impact on neighbours is rated Medium or High, action must be taken to advise neighbours of the incident.

The LAC shall inform neighbours and adjacent businesses, with the exception of Sydney Ports Corporation, who will be notified by the Terminal Operations Manager (TOM) via Port radio.

Ampol has collected personal information (telephone numbers) for the sole purpose of communication to its neighbours in the event of an emergency where adjoining premises need to be advised of that emergency so that appropriate action (if

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 11 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

required) can be taken. Personal information held by Ampol in accordance with the Privacy Act 1988 can be accessed by asking a privacy-related question or obtaining a Copy of Ampol's Privacy Policy statement.

Please write to the "Privacy Compliance Officer, Level 24, 2 Market Street, Sydney 2000".

Ampol's privacy Statement can also be viewed at www.Ampol.com.au.

Table 9-3 – Incident Risk Ranking

Chemical	Chemical Hazard?	Need for Early Warning	Potential Hazards Identified	Level of Impact	Likelihood	Priority	Impact on Neighbours
Gasoline	Yes	Yes	• Release to ground & groundwater	M	L	M	L - M
			• Release into surface waters, stormwater; waterways	H	L	H	H
			• Ignition – explosion, fire, smoke with potential effect on emergency responders, local community	H	L	H	H
			• Vapour cloud with potential effect on emergency responders, local community	H	L	H	H
Diesel	Yes	Yes	• Release to ground & groundwater	M	L	M	L-M
			• Release into surface waters, stormwater; waterways	H	L	H	H
			• Ignition – fire, smoke with potential effect on emergency responders, local community	M	L	H	M
Jet Fuel	Yes	Yes	• Release to ground & groundwater;	M	L	H	L-M
			• Release into surface waters, stormwater; waterways	H	L	H	H
			• Ignition – fire, smoke Ignition – fire, smoke with potential effect on emergency responders, local community	H	L	H	H
			• Vapour cloud with potential effect on emergency responders, local community	H	L	H	H
Additives	No	Yes	• Release to ground & groundwater;	M	L	M	L-M
			• Release into surface waters, stormwater; waterways	H	L	H	H
			• Ignition – fire, smoke with potential effect on emergency responders, local community	L	L	M	M
Slops	Yes	Yes	• Release to ground & groundwater;	M	L	M	L - M
			• Release into surface waters, stormwater; waterways	H	L	H	H
			• Ignition – fire, smoke with potential effect on emergency responders, local community	H	L	H	H
			• Vapour cloud with potential effect on emergency responders, local community	H	L	H	H

Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 12 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Chemical	Chemical Hazard?	Need for Early Warning	Potential Hazards Identified	Level of Impact	Likelihood	Priority	Impact on Neighbours
Oily Water	No	Yes	• Release to ground & groundwater;	M	L	M	L
			• Release into surface waters, stormwater; waterways	H	L	H	H
Trade Waste	Enviro	No	• Release into surface waters, stormwater; waterways	M	L	M	L
Oily Water Sewer	No	Yes	• Release to ground & groundwater	M	L	M	L
			• Release into surface waters, stormwater; waterways	M	L	H	H

9.3 Contact Details of Site Contact for Waste Transport Incident

In the event of a pollution event involving the transport of waste from the Banksmeadow site to a waste treatment facility (e.g. landfill), the Ampol Emergency Response Hotline (toll free) can be contacted to alert the site of the incident and request our response.

Title	Direct
Ampol Emergency Response Hotline	1800 033 111

10. Relevant Information To Be Given When Notifying The Incident

The relevant information to be given according to section 150 of the POEO Act (1997) when notifying the incident to the regulatory authorities is as follows:

- Time, date, nature, duration and location of the incident
- Location of the place where pollution is occurring or is 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)
- Action taken or proposed to be taken to deal with the incident, and any resulting pollution or threatened pollution, if known
- When the information relating to items c), d) or e) is not known at the time of verbal notification, this information must be provided once it becomes available

11. Procedures To Be Followed

The relevant parts of the Ampol Banksmeadow Emergency Response Plan and its

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 13 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

procedures would be activated for delivering this Pollution Incident Response Management Plan (PIRMP). If a pollution event occurs, the emergency controller will take actions according to the Banksmeadow Terminal Emergency Plan.

However, for completeness of the Pollution Incident Response Management Plan, the following additional information is presented.

11.1 Other Notification of Pollution Incidents

The EPA may, as per section 151A of the POEO Act (1997),

- direct the person verbally to notify such other persons of the incident as it requires;
- specify the manner and form of notification;
- direct that any initial verbal notification be followed by written notification.

11.2 Identification of Appropriate Regulatory Authority

Should a pollution incident occur, the Senior Environmental Specialist (SES), Licensed Sites will have the responsibility of determining the “Appropriate Regulatory Authority” (ARA). This, in turn, will determine the party or parties to be notified.

11.3 Notification of employees and other site personnel

All personnel on site (employees and contractors) will be informed immediately of a site emergency (which can include a “Pollution Incident”) via the Site Emergency Alarm or the Terminal public broadcast system.

Members of the Banksmeadow Terminal Local Emergency Response Team (LERT) and other personnel involved with the implementation of the ERP related to the pollution incident are notified by phone or SMS as soon as the emergency has been identified.

11.4 Roles and Responsibilities

The roles and responsibilities defined in the Banksmeadow Terminal ERP are not in any way reduced by the preparation of this PIRMP.

The responsibilities specific to the PIRMP are included in the relevant parts of this Plan for clarity.

11.5 Response Triggers

Triggers requiring a response or update of this PIRMP include:-

- Community complaints that warrant an update;
- Regulatory response or instruction;

Odour events are classified as Class B or A events, in accordance with Section 5.2 of procedure *Responding to Community Environmental Concerns* (CD2015).

12. Availability Of Plans

This PIRMP will be available on the Ampol Online Website and will be supplied free of cost to anyone requesting the plan in writing generally within 14 days of the request being made.

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 14 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

This PIRMP is also referenced in the Banksmeadow Terminal Emergency Plan.

Hard copies of the Plan will be retained at the Banksmeadow Terminal at:

- BMT SCADA Room,
- Operations Coordinator's Office,
- Brotherson Dock Control Room,
- EOC Room ('Bonnie Doon' Building),
- Terminal Operations Manager's Office.

Soft copies will be stored in the Ampol Document Management System (DMS), with easy access via Doco on the Ampol Tank.

Details of this Plan will be made available to Authorised Personnel on request.

13. Staff Training

Staff training requirements of this PIRMP are included in Environmental Awareness Training which is provided to all Terminal Personnel via the Ampol Learning Management System (LMS).

The Banksmeadow Terminal Operations team constitute the *first responder* emergency response (ER) team and are instructed in the requirements of this plan as part of their ER training. The annual ER training program includes a pollution event scenario.

The objective of such training is to ensure the operations team:

- retain the necessary 'first responder' competencies needed to deal with the range of possible site specific emergency scenarios;
- can demonstrate a sound working knowledge of the fire activation and suppression equipment on site and how to terminate such equipment (e.g. TTLR Foam Deluge system) if needed;
- practice using the site's emergency equipment, including spills containment tools, etc.;
- get to train with external emergency agencies such as NSW Fire and Rescue on a periodic basis

14. Testing of Plans

This plan will be tested routinely once every 12 months and the accuracy of the information contained, and consistency with other procedures developed in the preceding 12 months will be carried out. This plan will also be tested,

- Within one month of the occurrence of any "pollution incident", or
- At the discretion of the Distribution Leadership Team (DLT), to incorporate improvements to the effectiveness and workability of the plan as well as changes to responsibilities of the persons implementing this plan

Results of the tests will be used for incorporating:-

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 15 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

- Improvements to the effectiveness and workability of the plan;
- Changes to responsibilities of the persons implementing the plan;
- Changes in contact details.

These changes will be incorporated into the Plan within 3 months of the Tests. A Log of Tests by date and learnings is included at the rear of this Plan in Appendix B. The Log shows the dates, and a description of any actions resulting from these tests/exercises.

Note: The Banksmeadow Terminal Emergency Plan has its own testing plan and timelines for testing relevant equipment appropriately as per Legislative Requirements, Australian Standards and International Standards where available and in that order. If the testing requirements detailed in this section are also mentioned in the Emergency Response Plan then they are to be regarded as the same otherwise the testing requirements are to be regarded as over and above those listed in the Emergency Response Plan.

15. Plan Reviews And Updates

Results of the tests will be used for incorporating:

- improvements to the effectiveness and workability of the plan;
- changes to responsibilities of the persons implementing and/or maintaining the plan;
- changes in contact details.

These changes will be incorporated into the Plan within 3 months of the ER tests taking place. A log of tests will be appended to this Plan, showing the dates, and a description of actions resulting arising from the post event debrief.

A Log of Tests shall include details of who coordinated the ER scenario, the ER exercise date and learnings is included at the rear of this Plan in Appendix A.

A record on each ER exercise, including the names of personnel who participated in the ER exercise shall be held in Cintellate. All corrective actions and opportunities for improvement will be tracked to completion.

Note: The Banksmeadow Terminal ERP has its own testing plan and timelines for testing relevant equipment appropriately as per Legislative Requirements, Australian Standards and International Standards where available and in that order. If the testing requirements detailed in this section are also mentioned in the ERP then they are to be regarded as the same otherwise the testing requirements are to be regarded as over and above those listed in the Emergency Response Plan.

The Fuels and Infrastructure Senior Environmental Management Systems (EMS) Specialist has delegated responsibility for maintaining this plan. Plan versions will be managed in accordance with the Ampol Document Management System (CD4187).

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 16 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Table 15-1 Plan Updates

Version Number & Date	Updates/Changes/Inclusions	Responsible Person
Version 1.0 2016	New document	
Version 2.0 Nov 2018	Review – currency of operational details, phone numbers, test exercise dates	
Version 3.0 Feb 2020	Training exercise at BMT- involving KNT, BMT and NCT ER Leads. PIRMP scenario and document review by ASBG – Andrew Doig Review of phone numbers – currency of operational details, phone numbers, test exercise dates	
Version 4.0 August 2021	Plan revised -, in line with changes to the PIRMP template for the three (3) NSW terminals Additional details of conditions or events that could or would increase likelihood of hazards occurring and their potential health effects Specify who is responsible for testing of plan and schedule Inclusion of new Section 15 called <i>Plan Revised</i> Inclusion of a stormwater drainage diagram & new diagrams: • ELP Identification Points • Tank and Building Site Plan • Fire Fighting Services Site Plan	
Version 4.0 (Minor) September 2022	Review post LOC event at site on 26 August 22 – activation of the FOAM Deluge System by tanker driver. Nil loss of Foam from the site with all materials recovered and contained in IBCs and SLOPS Tank – subsequent removal to licenced waste facility planned. PIRMP changes/updates Investigation completed with actions listed in Cintellate NSW Public Health Unit contact no. correction and addition of their email address.	
Version 4.1 (minor) May 2024	Plan review – names, phone numbers Added details of the 2023 In-field exercise at the Brotherson Dock facility involving both BMT and KNT Operational personnel and NSW Ports Emergency Response teams – product LOC involving Botany Bay water	

Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 17 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

15. Reporting

A post - incident report will be prepared following any Incident which triggers this PIRMP. In such instances, Ampol will appoint a Lead Investigator who will report to Management, under Legal Privilege when required.

Where the report identifies gaps and/or opportunities for improvement, all such recommended changes will be incorporated into in the Plan. The Banksmeadow Terminal Operations team and any other affected/interested parties will be informed of any Plan changes.

Diagrams

- Diagram 1. Site and Surrounding Land Use
- Diagram 2. Site Layout and Environment Protection Licence – EP Identification Points
- Diagram 3. Banksmeadow Terminal - Tank & Building Site Plan
- Diagram 4. Stormwater Site Plan
- Diagram 5. Fire Fighting Services Site Plan

Appendices

- Appendix A. Log of Plan Tests
- Appendix B. Banksmeadow PIRMP and ERP Alignment with Environment Operations Act 1997 and POEO (General) Regulation 2009

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 18 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

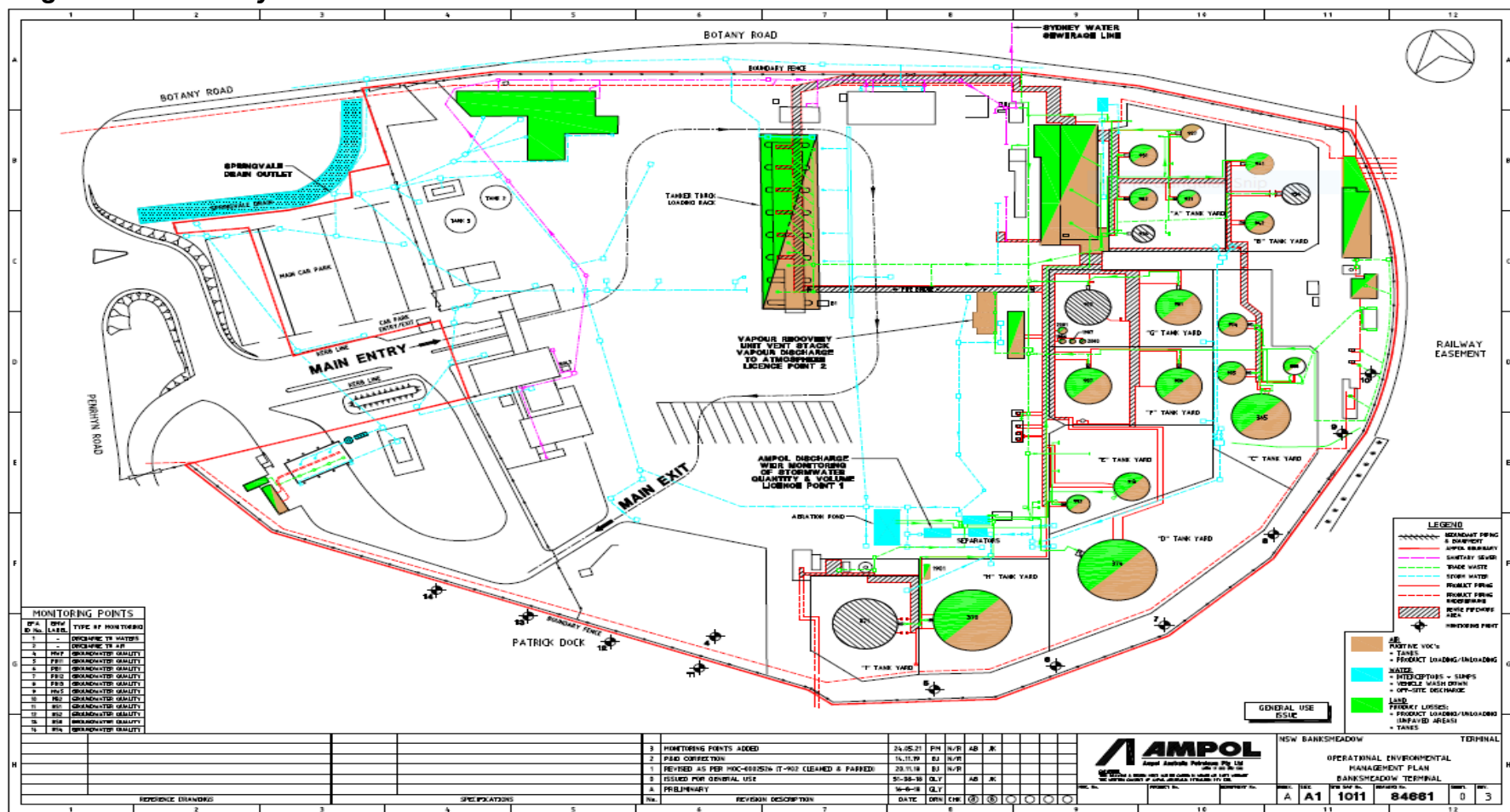
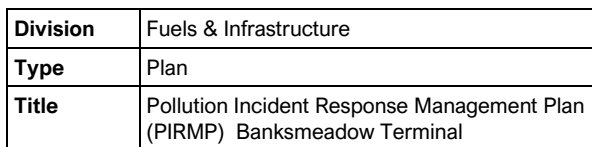
Diagram 1. Site and Surrounding Land Use



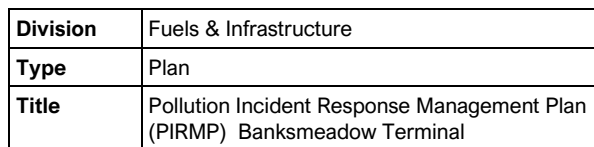
Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 19 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

Legacy ID: SD206188



Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 20 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

[illegible]

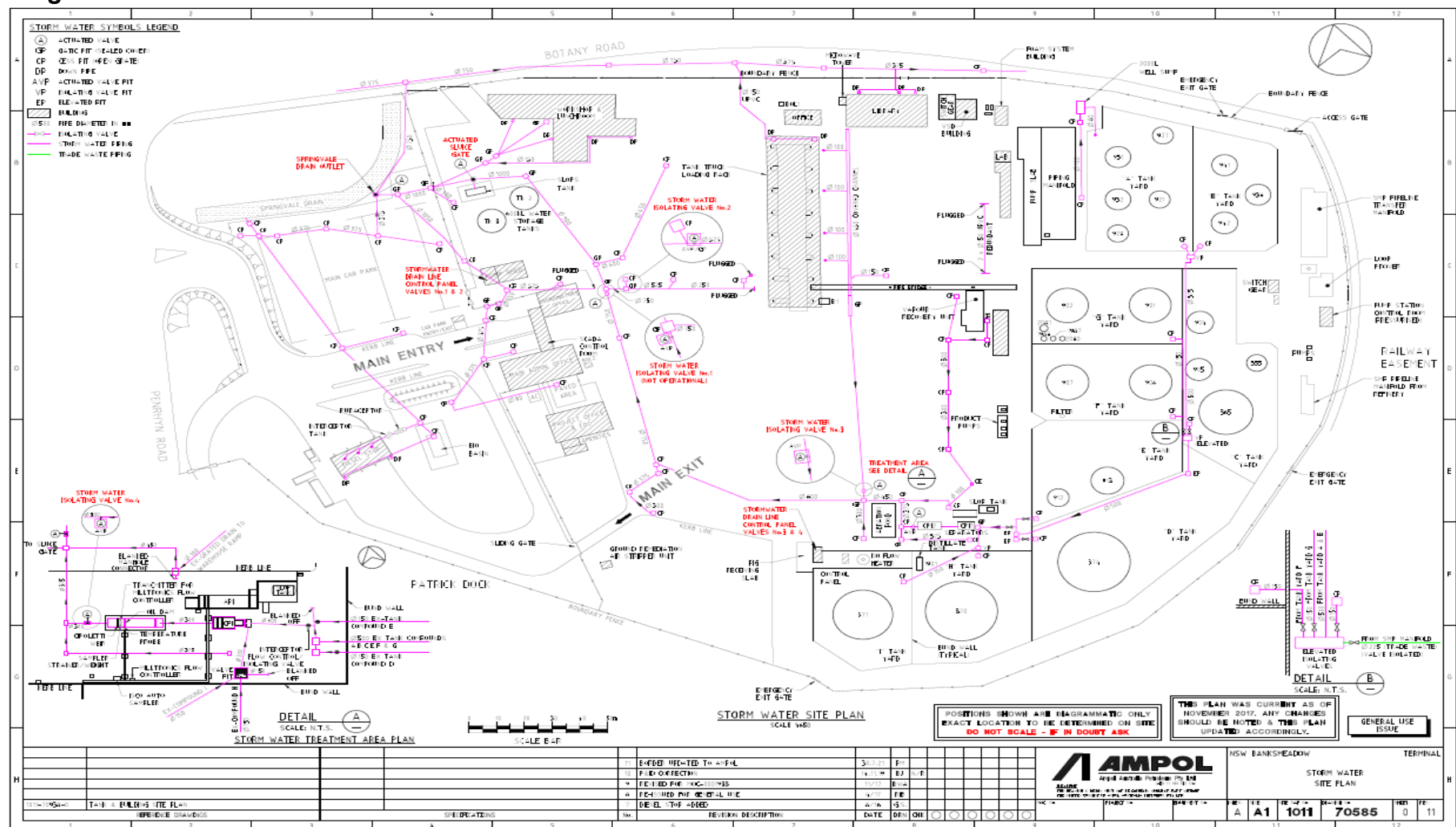
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 21 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

Legacy ID: SD206188



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

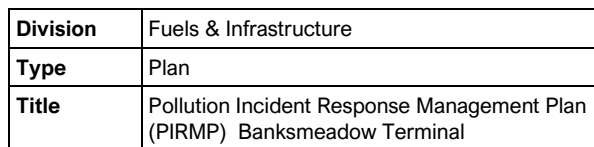
Diagram 4. Stormwater Site Plan



Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 22 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

Legacy ID: SD206188



Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 23 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

Legacy ID: SD206188



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Appendix A

Log of Plan Tests

Test Date	Coordinated By	Results	Actions Resulting
2013 Program			
13 Dec 2013 Scenario: Fuel oil spill to water and odour	Banksmeadow TOM and Banksmeadow Ops Specialist	Exercise completed successfully	Nil
2014 Program			
23 Jun 2014	Banksmeadow TOM and Banksmeadow Ops Specialist	Exercise completed successfully	Minor updates to neighborhood contact details
2015 Program			
01 May 2015	Banksmeadow TOM and Banksmeadow Ops Specialist	Exercise completed successfully	Nil
22 Sept 2015	Banksmeadow TOM and Banksmeadow Ops Specialist	Exercise completed successfully	Nil
2017 Program			
07 Mar 2017	Banksmeadow TOM and Banksmeadow Ops Specialist	Exercise completed successfully	Nil
22 Jun 2017	Banksmeadow TOM and Banksmeadow Ops Specialist	Exercise completed successfully	Nil
2018 Program			
23 Oct 2018	Banksmeadow TOM and Banksmeadow Ops Specialist	Exercise completed successfully	PIRMP – Agency name changed to SafeWork NSW & name change Port Authority NSW & phone number checks
2019 Program			
15 Oct 2019 Scenario: oil sheen in the sluice pit	Banksmeadow TOM and Banksmeadow Ops Specialist	Exercise completed successfully	Nil changes to the PIRMP required

Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 24 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

Legacy ID: SD206188



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Test Date	Coordinated By	Results	Actions Resulting
2020 Program			
25 Feb 2020 Half Day event: PIRMP Regulatory framework training conducted by A. Doig, ASBG and accompanying Scenario Exercise: Jet Fuel line LOC – localised pollution to soils	Banksmeadow TOM and Banksmeadow Ops Specialist	All NSW Terminals represented at the Training and the scenario exercise. Draft EPA Guideline discussed All PIRMP's will be revised (format and extra Maps) once the Guideline is published by EPA	Change to the contact details for Bayside Council Now 1300 581 299 Updated Test Log details
2021 Program			
2021 21 st Sept. 2020 Safety Week Muster and PIRMP Exercise	Banksmeadow ROM and Banksmeadow Ops Specialist	Discussions on the PIRMP and if the scenario was a major LOC, the muster point used in todays exercise may not be suitable	Create a label to identify the SCADA bypass need to be enabled prior to activating the test alarm switch
2022 Program			
2022 11 August 2022 <u>MEET-008693</u>	Banksmeadow TOM and Banksmeadow Ops Specialist	Loss of Ethanol /Cleanup drill - BMT PIRMP: Ethanol Spill in Enthanol Tanker Truck Unloading Rack (TTUR)	Create "Cheat Sheet" at FIP (for operation of test alarm) Test audible level of alarm at the most distance part of site.
2023 Program			
2023 25 July 2023 MEET-010767	Banksmeadow TOM and Banksmeadow Ops Specialist Supported by Kurnell ERTeam and Julian Taylor NSW Ports ER Team	Scenario Guide No.10 for Brotherson Dock BMT PIRMP: Brotherson Dock Product (marine diesel) Loss to Botany Bay - In Field Emergency Exercise with NSW Ports	Suggested changes to Scenario Guide No.10 for Brotherson Dock Equipment list additions: Spill tray for pumps and fuel Shorter ropes, new winch and ratchet straps for the boat Other: PANSW boom @ Bonna Point top be reviewed. Botany Council to clean up build up of sand near boat ramp.

Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 25 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

Legacy ID: SD206188



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

Appendix B.

Banksmeadow PIRMP and ERP Alignment with Environment Operations Act 1997 and POEO (General) Regulation 2022

Environment Operations Act 1997		
Section of Act	PIRMP Section Reference	Banksmeadow ERP (where relevant)
153A	1.Introduction	3. Introduction
153C	5.Notification Responsibilities 8. Comprehensive Emergency Response Plan 9. Contact Details of Relevant Authorities to be Notified of Pollution Event - Table 9.1: External Contact Information - Table 9.2: Internal Contact Information - Table 9.3: Neighbourhood Contact List	7.0 Roles and Responsibilities 9.1 Notification of an emergency
153D	12. Availability of Plans	2.0 Distribution List
153E	14. Testing of Plans	6.10 Training, Testing, Exercises
153F	5.Notification Responsibilities 8. Comprehensive Emergency Response Plan 11. Procedures to Follow	8.3 Spills Containment & First Aid Resources 9.0 Response procedures 9.1 Notification of an emergency
POEO (General) Regulation 2022		
Section of Act	PIRMP Section Reference	Banksmeadow ERP (where relevant)
98C(1) (a)	6, Description of Environmental Hazards	5. Site Profile
98C(1) (b)	6, Description of Environmental Hazards Table 9.4 Incident Risk Ranking	5.7 Major Incident Hazards 6.2 Risk Assessment
98C(1) (c)	8. Comprehensive Emergency Response Plan	Banksmeadow ERP (whole)
98C(1) (d)	7. Inventory of Pollutants	5.6 DG and Hazardous Materials 5.7 Major Incident Hazards
98C(1) (e)	Table 9.4 Incident Risk Ranking	5.7 Major Incident Hazards 6.2 Risk Assessment
98C(1) (f)	8. Comprehensive Emergency Response Plan	Banksmeadow ERP (whole)
98C(1) (g)	Table 9.2: Internal Contact Information	6.7 Local Emergency Management Team 8.1 Emergency Contacts
98C(1) (h)	Table 9.1: External Contact Information	6.6 Regional Emergency Management Team 6.7 Local Emergency Management Team 6.8 Incident Control 6.9 Emergency Operations Centre

Electronically Controlled Document. Refer to online document for current version.

Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 26 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2



Division	Fuels & Infrastructure
Type	Plan
Title	Pollution Incident Response Management Plan (PIRMP) Banksmeadow Terminal

POEO (General) Regulation 2022		
Section of Act	PIRMP Section Reference	Banksmeadow ERP (where relevant)
98C(1) (i)	9.2 Community	6.8 Incident Control 6.9 Emergency Operations Centre 7 Local Emergency Management Team 7.1 Emergency Incident Command & Control 8.1 Emergency Contacts
98C(1) (j)	11.3 Notification of employees and other site personnel	7.1 Emergency Incident Command & Control 8.1 Emergency Contacts
98C(1) (k)	Diagrams 1, 2 and 4	5. Site Profile 5.2 Site Boundaries 5.3 Surrounding Land Use
98C(1) (l)	3. Comprehensive Emergency Response Plan	Banksmeadow ERP (whole)
98C(1) (m)	13. Staff Training	6.10 Training, Testing, Exercises
98C(1) (n)	Appendix A. Log of Plan Tests	11.4 Post Incident Assessment
98C(1) (o)	Appendix Y Document Stewardship	2.0 Distribution List
98C(1) (p)	14. Testing of Plans	6.10 Training, Testing, Exercises 11.4 Post Incident Assessment
98D(1)	12. Availability of Plans	2.0 Distribution List
98D(2)	12. Availability of Plans	2.0 Distribution List
98E(1)	14. Testing of Plans 15. Reporting	2.1 Controlled Hard Copies 2.2 Electronic Copies
98E(2)	14. Testing of Plans	6.10 Training, Testing, Exercises

Electronically Controlled Document. Refer to online document for current version.			
Custodian: Amanda Basten	Owner: Banksmeadow Terminal Operations Manager	Document No.: CD3550	Page: 27 of 27
Approved: 15/09/2021	Published: 20/06/2024	Periodic Due Date: 15/09/2026	Version: 4.2

Legacy ID: SD206188