

PIRMP – Eastern Distributor

A Transurban Group plan

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Eastern Distributor

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Contents

| | | |
|-----------|----------------------------------------------------------------------|-----------|
| 1. | Abbreviations, acronyms and definitions | 4 |
| 2. | Introduction | 5 |
| 2.1 | Background | 5 |
| 2.2 | Objectives | 5 |
| 2.3 | Description | 5 |
| 2.4 | Incident Notification Information | 6 |
| 2.5 | Testing, Review and Amendment | 6 |
| 3. | Inventory of Pollutants | 7 |
| 4. | Roles and Responsibilities | 7 |
| 5. | Hazards to the Environment and Human Health | 7 |
| 5.1 | Controlling Hazards to the Environment | 7 |
| 5.2 | Controlling Hazards to Human Health | 8 |
| 5.3 | Environmental Pollution Control Equipment | 8 |
| 5.4 | Process to be taken during or immediately after a Pollution Incident | 8 |
| 5.5 | Regulatory Authorities | 8 |
| 5.6 | Community Stakeholders | 9 |
| 5.7 | Staff Training | 9 |
| 6. | Appendix A: Compliance Register | 10 |
| 7. | Appendix B: Broader Location Map | 11 |
| | Read and Acknowledge | 12 |

PIRMP – Eastern Distributor

1. Abbreviations, acronyms and definitions

| Term or acronym | Description |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ED | Eastern Distributor |
| DECC, DEC, EPA | Department of Environment and Climate Change, Department of Environment and Conservation, Department of Environment and Climate Change and Water (DECCW), Office of Environment and Heritage (OEH) are all previous names of the NSW government department now known as the Environment Protection Authority (EPA) |
| DNR (DLWC) | Old NSW Department of Natural Resources (formerly Department of Land and Water Conservation). Most responsibilities are now incorporated into Department of Environment, Climate Change. |
| DPIE | Department of Planning Industry and Environment |
| EMR | Environmental Management Representative. |
| HSEMS | Health Safety and Environment Management System |
| HSE | Health, Safety and Environment |
| MCoA | Minister's Conditions of Approval |
| O&M | Operations and Maintenance |
| OEMP | Operational Environmental Management Plan |
| OMCS | Operations Motorway Control System |
| Act | Protection of the Environment Operations Act 1997 |
| SWMS | Safe Work Method Statement |
| TMCS | Traffic Management Control System |
| Ventia | Ventia Contractors Australia Pty Ltd (formerly Leighton Services) ED Maintenance Contractor |

PIRMP – Eastern Distributor

2. Introduction

2.1 Background

Airport Motorway Limited holds an Environment Protection Licence with the NSW Environment Protection Authority (EPA) for two ventilation outlets; one at Palmer Street, Darlinghurst (Easting/Northing 335100 / 625017356H) and another at Hutchison Place, Surry Hills (Easting/Northing 335186 / 624914156H). As per the Protection of the Environment Operations Act 1997 (the POEO Act), Airport Motorway Limited as holder has prepared the following Pollution Incident Response Management Plan (PIRMP) that complies with Part 5.7A of the Protection of the Environment Operations Act 1997 and in-line with Protection of the Environment Operations (General) Regulation 2009 95A (1) that restricts this plan to only cover pollution events from 'Road Tunnel Emissions'.

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, Airport Motorway Limited will immediately implement this plan in relation to the activity required by Part 5.7A of the POEO Act. A written copy of this plan is kept at the Eastern Distributor Office (43 Bourke Street, Woolloomooloo), is made available on request by an authorised NSW EPA Officer and publicly at (<https://www.linkt.com.au>)

2.2 Objectives

The objectives of this PIRMP are to:

- Minimise and control the risk of an emission pollution incident at the project by requiring identification of risks and the development of planned actions to minimise those risks; and
- Ensure comprehensive and timely communication about an incident to the Environment Protection Authority (EPA) and other relevant government authorities and the community who may be affected by the impacts of an emission pollution incident.

2.3 Description

Both road tunnel emission ventilation outlets work by exploiting the natural mixing of the atmosphere to efficiently disperse air pollutants this results in nearby residents experiencing little, if any, exposure to emissions. The ventilation outlet at Palmer Street (North Vent) and ventilation outlet at Hutchinson Place (South Vent) are pictured below. The broader location is described in *Appendix B – Broader Location Map*:

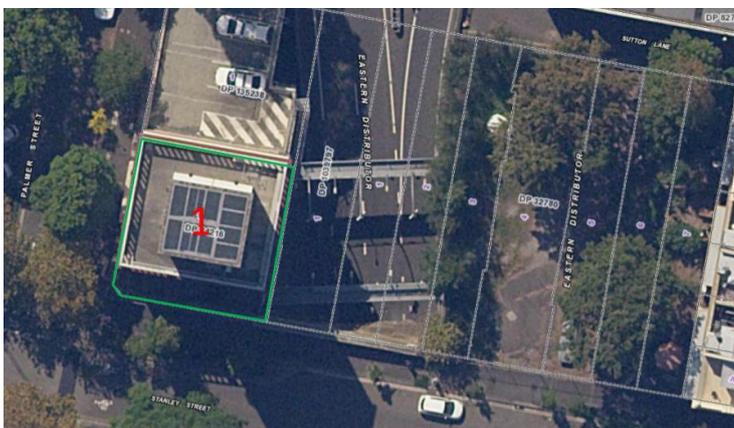


Figure 1 Location Map: North Vent

PIRMP – Eastern Distributor

The ED as a whole has a number of potential scenarios that may impact the environment; detailed in the *ED-EV-PL-1 Operational Environmental Management Plan for Eastern Distributor; Appendix E Significant Environmental Impacts and Risks*. PIRMP testing will be limited to in-tunnel exceedance scenarios.

In the PIRMP the following details will be recorded on a continuous basis:

- *Review*: Date, version, author and nature of change (Page 2) and;
- *Test*: Date (tested), description of test, conducted by, date (update) register available on the Transurban DMS.

3. Inventory of Pollutants

There will be no pollutants kept on the premises for use during operation and maintenance. As per the requirements set out in the Act; there will be no pollutant register detailing pollutant type, maximum quantity and location of potential pollutants appended to the PIRMP.

4. Roles and Responsibilities

As required by the Act; the roles and responsibilities are described below of those key individuals who are responsible for activating the plan, managing the response and notifying relevant authorities are:

| Role | Responsibility | Contact Details (24hr) |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| ED Incident Control Room – TCRO | <ul style="list-style-type: none"> • Responsible for managing the response to a pollution incident. • Responsible for activating the PIRMP. • Authorised to notify relevant authorities under section 148 of the POEO Act. | 13 31 11 |

5. Hazards to the Environment and Human Health

Due to the licence conditions relating to the scheduled activity ‘Road Tunnel Emissions’ no monitoring is conducted on the Eastern Distributor ventilation outlets and as such no known hazards are identified relating to road tunnel emissions.

As required under the Act; the likelihood of the abovementioned environmental hazards are detailed under *ED-EV-PL-1 Operational Environmental Management Plan for Eastern Distributor Appendix E: Environmental Aspects Register* in the publicly available OEMP.

5.1 Controlling Hazards to the Environment

In accordance with the conditions of the EPL and MCoA, no air monitoring on the outlets is conducted by Airport Motorway Limited. Further physical controls are detailed in *5.3 Environmental Pollution Control Equipment*. Site personnel are also trained in and implement the following related management plans to control factors that may influence an exceedance with in-tunnel limits.

PIRMP – Eastern Distributor

| Document # | Description |
|-------------------|----------------------------------------------------------------------------------|
| <i>ED-EV-PL-1</i> | <i>Operational Environmental Management Plan for Eastern Distributor</i> |
| <i>ED-OI-MP-3</i> | <i>Incident Management Plan – Air Quality Monitoring for Eastern Distributor</i> |

→ Specifically, in the *OEMP Table D.1 Significant Environmental Aspects, Impacts and Risks* describes the environmental impact, management and monitoring strategies that are being employed to manage hazards.

5.2 Controlling Hazards to Human Health

To minimise the risk of harm to people at the premises the following measures are implemented as per Airport Motorway Limited minimum requirements:

- All person(s) accessing site are required to wear the appropriate PPE including:
 - Long pants;
 - Long sleeved shirt;
 - Hard hat;
 - High visibility vest;
 - Steel capped boots; and
 - Safety glasses.
- All person(s) are made aware of the PIRMP including notification/response procedures during site induction;
- All personnel are made aware of all site exits and emergency evacuation points; and
- The community are to be notified of any changes to works that may affect them, including works outside of normal working hours.

5.3 Environmental Pollution Control Equipment

As per s3.3 of *ED-EV-PL-1 Operational Environmental Management Plan for Eastern Distributor*, the ED operates continuously. As such, to control potential exceedances it is supported with a:

- Ventilation System;
- Motorway Control Centre facility; and
- Comprehensive air quality monitoring integrated with the ED's operation systems (in-tunnel).

5.4 Process to be taken during or immediately after a Pollution Incident

As per conditions of approval there are no stack monitoring requirements at the Eastern Distributor so therefore a pollution incident from either outlet would not be expected to occur. In tunnel air monitoring is undertaken however is not related to the scheduled activity.

5.5 Regulatory Authorities

If a pollution event was to occur as a result of the scheduled activity, the TCRO or equivalent is responsible for notifying relevant authorities. The current contact details of the five relevant authorities under section 148 of the POEO Act include:

PIRMP – Eastern Distributor

| Authority | Email | Phone |
|------------------------|-----------------------------|----------------|
| EPA (NSW) | info@epa.nsw.gov.au | 131 555 |
| Health (NSW) | ENHWU@doh.health.nsw.gov.au | (02) 9391 9000 |
| DPIE | info@environment.nsw.gov.au | 1300 305 695 |
| WorkCover NSW | contact@safework.nsw.gov.au | 131 050 |
| Fire and Rescue | contact@frnsw.nsw.gov.au | 1800 679 737 |

5.6 Community Stakeholders

The requirements surrounding community consultation and involvement are detailed within *ED-CS-PL-1 Community Involvement Plan* which was required as part of the conditions of approval.

In order to ensure consultation with each community stakeholder is effective, different stakeholders will be notified depending on the severity of the incident and in terms of whether they would be directly affected by the incident.

5.7 Staff Training

All TCROs receive training during the induction process and to ensure that they can effectively implement the PIRMP. Ongoing training ensures that they are able to prevent and respond to exceedances should they occur. Training includes but is not limited to:

- Employee responsibilities and legal obligations in relation to stack exceedances and reporting requirements;
- Identification of site issues that may lead to a stack exceedance;
- Appropriate immediate action to control and contain an incident including provision of contact details of relevant personnel for notification; and
- Staff must be provided with information to reflect the following hierarchy in their response to an environmental incident.

PIRMP – Eastern Distributor

6. Appendix A: Compliance Register

Below describes how the above PIRMP complies with the requirements under Section 3 General requirements for preparing pollution incident response management plans the EPA Guideline (2012): Preparation of pollution incident response plans:

| Requirement | Section of PIRMP |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 3.3.1 Description and likelihood of hazards [clause 98C(1)(a) and (b)] | 5.0 Hazards to the Environment and Human Health |
| 3.3.2 Pre-emptive actions to be taken [clause 98C(1)(c)] | 5.1 Controlling Hazards to the Environment 5.2 Controlling Hazards to Human Health |
| 3.3.3 Inventory of pollutants [clause 98C(1)(d) and (e)] | 3.0 Inventory of Pollutants |
| 3.3.4 Safety equipment [clause 98C(1)(f)] | 5.3 Environmental Pollution Control Equipment |
| 3.3.5 Contact details [clause 98C(1)(g) and (h)] | 4.0 Roles and Responsibilities 6.2 Regulatory Authorities |
| 3.3.6 Communicating with neighbours and the local community [clause 98C(1)(i)] | 7.0 Community Stakeholders |
| 3.3.7 Minimising harm to persons on the premises [clause 98C(1)(j)] | 5.2 Controlling Hazards to Human Health |
| 3.3.8 Maps [clause 98C(1)(k)] | 2.3 Description Appendix D: Broader Location Map |
| 3.3.9 Actions to be taken during or immediately after a pollution incident [clause 98C(1)(l)] | 5.4 Process to be taken following a Pollution Incident |
| 3.3.10 Staff training [clause 98C(1)(m)] | 7.4 Staff Training |

PIRMP – Eastern Distributor

7. Appendix B: Broader Location Map

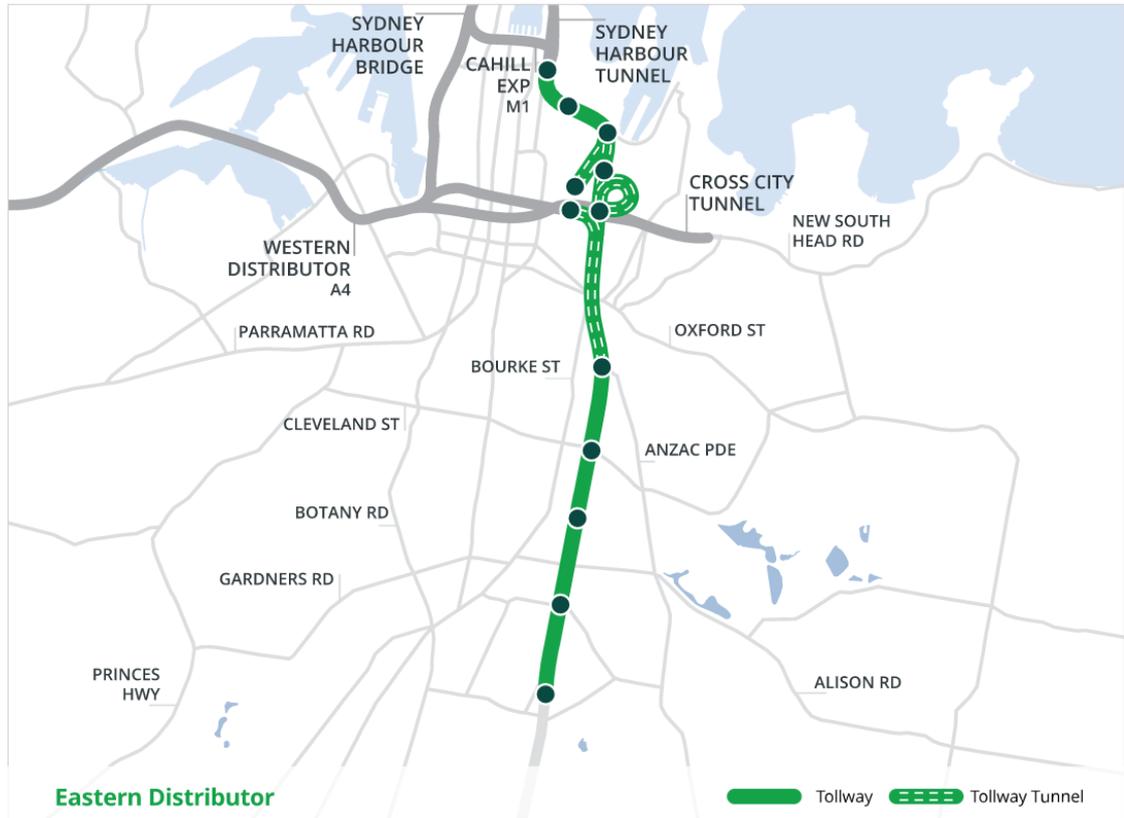


Figure 3 Broader Location Map

PIRMP – Eastern Distributor

Read and Acknowledge

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[Click here to acknowledge that you have read this document.](#)