

## WORKS APPROVAL

# DEPARTMENT OF ECONOMIC DEVELOPMENT, JOBS, TRANSPORT AND RESOURCES

Holder of

**Works Approval:** 155546

**Issued:** 08/12/2017

**ABN:** 69 981 208 782

**Registered Address:** LEVEL 15 1 SPRING ST  
MELBOURNE VIC 3000

**Premises Address:** WEST GATE TUNNEL  
YARRAVILLE VIC 3013

**Scheduled Categories:** L03 Tunnel Ventilation Systems

**Description:** This approval grants consent to construct road tunnel ventilation systems for the West Gate Tunnel.



-----  
NIAL FINEGAN  
Chief Executive Officer

Delegate of the Environment Protection Authority

Issued under the *Environment Protection Act 1970*, Section 19B

## PREAMBLE

### Works Approvals

**Who we are:** The Environment Protection Authority (“EPA”) is an independent statutory authority established under the *Environment Protection Act 1970* (“the Act”). Our purpose is to protect and improve our environment by preventing harm to the environment and human health.

**Why we issue works approvals:** EPA is responsible for preventing or controlling pollution (including noise) and improving the quality of the environment. This responsibility includes regulating activities that may present a danger to the environment. One of the tools available to EPA is issuing works approvals for scheduled premises to prevent or minimise risk to the environment.

Section 19A of the Act requires the occupier of a “scheduled premises” to obtain works approval to construct or install plant and equipment in order to discharge, handle, treat or dispose of waste to the environment. These types of premises are defined in the *Environment Protection (Scheduled Premises and Exemptions) Regulations 2007* (“the Regulations”).

**When we issue works approvals:** EPA will issue a works approval when satisfied that an applicant has put in place measures to protect the environment. Works approvals allow construction of works to occur and set control measures to minimise a site’s environmental risk. EPA can amend a works approval in response to changes in standards and site activities. Works approval holders must submit reports if required by a condition of the approval.

### Works Approval information and obligations

For the purposes of this works approval “You” means the works approval holder identified on the first page of this works approval at the “premises” identified on the first page and represented in Schedule 1.

If you object to any of the works approval conditions, you may have the decision reviewed by applying in writing to the Registrar, Planning and Environment Division, Victorian Civil and Administrative Tribunal (“VCAT”), 7<sup>th</sup> Floor, 55 King Street, Melbourne within 21 days of the date of issue. An application fee may be applicable when lodging an appeal with VCAT. Contact VCAT on (03) 9628 9777 for further details on fees associated with an appeal. A copy of the appeal should also be forwarded to the Manager, Development Assessments Unit, Environment Protection Authority, GPO Box 4395, Melbourne, 3001, within 7 days of lodgement of the appeal.

Interested (third) parties may also appeal against the works approval within 21 days of the date of issue. The Tribunal will notify you if such appeals are received. If an appeal is lodged, you must not go ahead with the works until the appeal is resolved.

**Compliance:** You must comply at all times with the Act and all policies and regulations administered by EPA. Strict penalties apply for non-compliance with any part of your works approval.

### Works Approval structure

**Structure:** Your works approval has multiple parts:

- Works conditions - setting out requirements for construction or installation;
- Schedule 1A - locality plan of your premises;
- Schedule 1B - plan of premises (provided by you).

Some types of works approvals also contain Schedule 1C - final landfill contour plan.

## CONDITIONS

### General Conditions

- WA\_G1 Subject to the following conditions, this approval allows the construction of the following works and associated equipment - Tunnel ventilation systems associated with the construction and operation of twin tunnels supporting the West Gate Tunnel.
- WA\_G2 The works must be constructed in accordance with the application accepted on 5 June 2017 ("the application") except that, in the event of any inconsistency arising between the application and the conditions of this approval, the conditions of this approval shall apply.
- WA\_G4 This approval expires:  
(a) on the issue or amendment of a licence relating to all works covered by this approval;  
(b) when EPA advises in writing that all works covered by this approval have been satisfactorily completed and no licence is required; or  
(c) Five years from the date of issue of this approval unless the works have been commenced by this date to the satisfaction of EPA.

### Works Conditions

- WA\_W1 Before commencing construction of the following components of the works, you must provide to EPA a report or reports with the plans and specifications of those components, including details of: (a) the tunnel ventilation system and exhaust stacks showing measures to be taken to ensure compliance with State Environment Protection Policy (Air Quality Management), ensure impacts are equivalent to or less than the design assessed for this Works Approval; (b) the tunnel ventilation system, showing conceptual provision for future pollution control equipment; (c) final design measures to be installed to ensure that the tunnel can achieve zero portal emissions during operation; (d) the tunnel ventilation system, showing compliance with best practice requirements of the Protocol for Environmental Management "Greenhouse Gas Emissions and Energy Efficiency in Industry"; (e) the tunnel ventilation system, showing measures to be taken to ensure compliance with the State Environment Protection Policy (Control of Noise from Commerce, Industry and Trade) No. N-1; and, (f) prior to commencing construction of the tunnel ventilation system, a copy of the Construction Environmental Management Plan detailing the proposed noise, dust and waste management procedures and practices to be undertaken during construction of the tunnel ventilation system.
- WA\_W12.1 You must install all exhaust stacks so that provisions for sampling are included in accordance with EPA Publication 440.1 "A guide to the Sampling and Analysis of Air Emissions and Air Quality" (as amended from time to time) or as approved by EPA.
- WA\_W2 You must not commence construction of those parts of the works for which reports are required by condition WA\_W1 until written EPA approval of those reports has been received.
- WA\_W3 Where any reports specified in condition WA\_W1 and approved by EPA differ from the application, the works must be constructed in accordance with those approved reports.

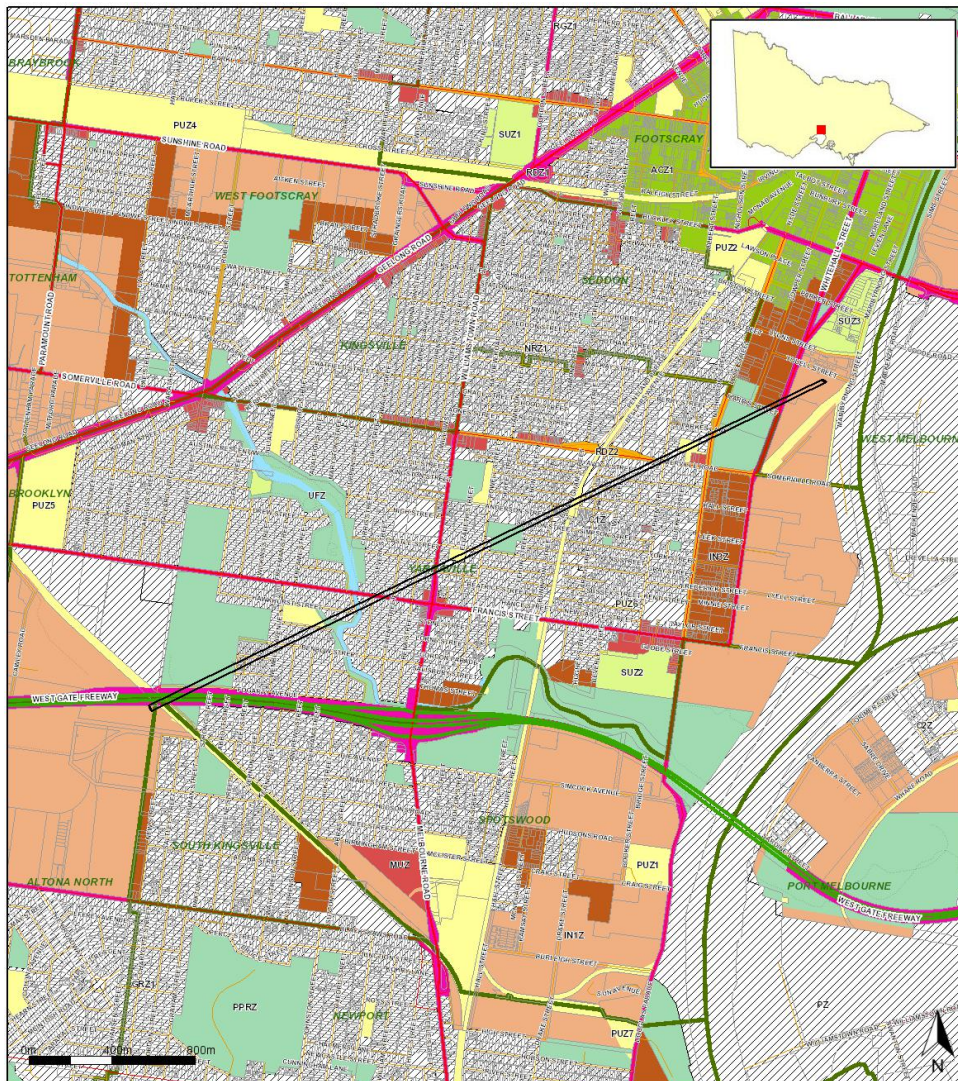
- WA\_W4      You must notify EPA when the construction of the works covered by this approval has been commenced.
- WA\_W5      You must notify EPA when the construction of the works covered by this approval has been completed.
- WA\_W7      You must not commission or operate the works without the written approval of EPA.
















## Reporting Conditions

---

- WA\_R1      At least 18 months before the commencement of any commissioning, you must provide to EPA a plan that include(s): (a) a monitoring program for in-tunnel air quality and ventilation stack emissions; (b) a monitoring program for ambient air quality, including periods before and after the commencement of tunnel operation using the existing five monitoring sites relied upon within the application inclusive of the specification and location of instruments; (c) a monitoring program for noise including periods before and after the commencement of tunnel operation; and, (d) provision for daily reporting of ambient air quality monitoring program results, on a publicly available website related to the project, or through EPA Victoria's Air Watch website. The reporting shall be undertaken for at least five years post commissioning of the project, or such lesser period, as agreed with the EPA.

## SCHEDULE 1A - LOCALITY PLAN



	Discharge Point		Business & Mixed Use Zones		Urban Growth Zone		Public Conservation Zone		Special Use Zones
	Premises Boundary		Rural and Farming Zones		Residential Zones		Public Park & Recreation Zones		Urban Floodway Zone
	Property Boundaries		Public Use Zones		Industrial Zones		Green Wedge Zones		Other Zones

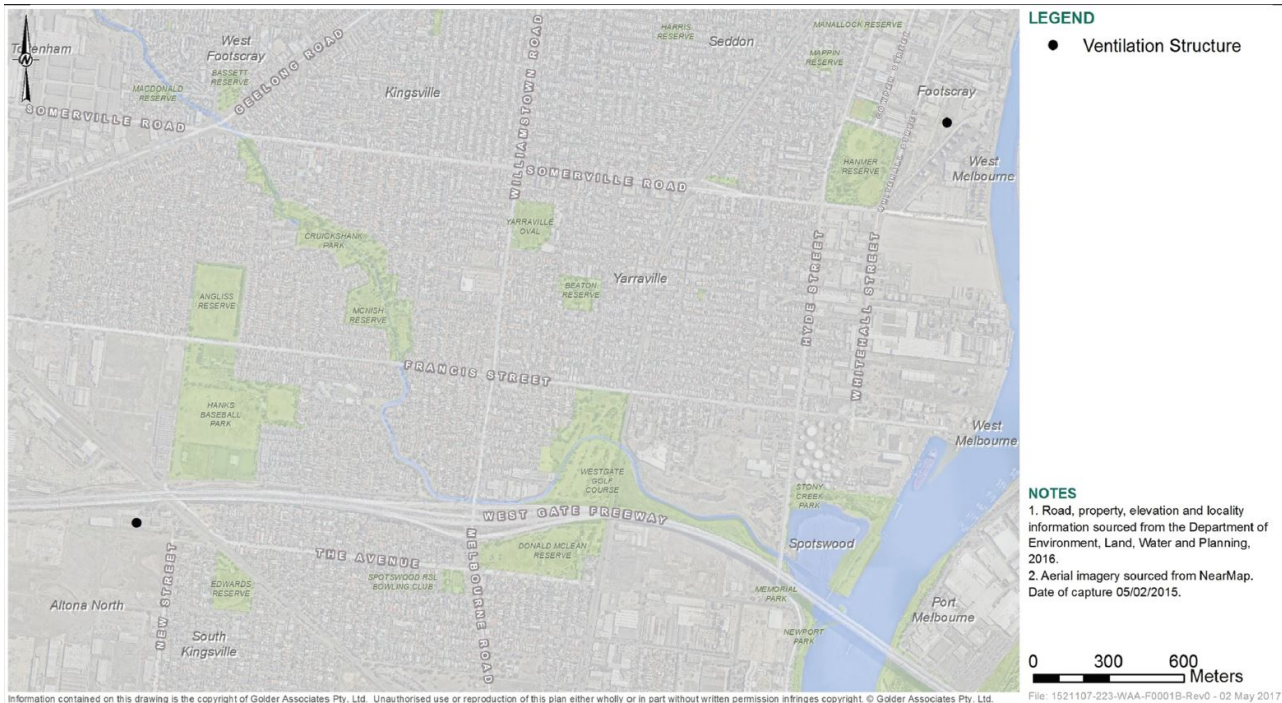
Works Approval:	155546
Company Name:	DEPARTMENT OF ECONOMIC DEVELOPMENT, JOBS, TRANSPORT AND RESOURCES
ABN:	69 981 208 782
Premises Address:	WEST GATE TUNNEL, YARRAVILLE VIC 3013
Issued:	08/12/2017
<p>Before relying on the information in this map, users should carefully evaluate its accuracy, currency, completeness and relevance for their purposes, and should obtain any appropriate professional advice relevant to their particular circumstances.</p>	

## SCHEDULE 1B - PREMISES PLAN



Works Approval:	155546
Company Name:	DEPARTMENT OF ECONOMIC DEVELOPMENT, JOBS, TRANSPORT AND RESOURCES
ABN:	69 981 208 782
Premises Address:	WEST GATE TUNNEL, YARRAVILLE VIC 3013
Issued:	08/12/2017
<p>Before relying on the information in this map, users should carefully evaluate its accuracy, currency, completeness and relevance for their purposes, and should obtain any appropriate professional advice relevant to their particular circumstances.</p>	

## SCHEDULE 1B - PREMISES PLAN



Works Approval:	155546
Company Name:	DEPARTMENT OF ECONOMIC DEVELOPMENT, JOBS, TRANSPORT AND RESOURCES
ABN:	69 981 208 782
Premises Address:	WEST GATE TUNNEL, YARRAVILLE VIC 3013
Issued:	08/12/2017
<p>Before relying on the information in this map, users should carefully evaluate its accuracy, currency, completeness and relevance for their purposes, and should obtain any appropriate professional advice relevant to their particular circumstances.</p>	