



Our proposal to safely manage tunnel spoil from the West Gate Tunnel Project

Cleanaway proposes to construct a Soil Management and Reuse Facility in Ravenhall, to safely and sustainably manage the receipt, reuse and disposal of tunnel spoil from the West Gate Tunnel Project.

Tunnel spoil is the soil and rock to be excavated by the tunnel boring machines when tunnelling begins.

This material will require safe handling to determine potential reuse and disposal in accordance with EPA classifications.

We encourage your questions about our plans and wish to remind you about our community engagement services that are available to you as part of our ongoing commitment to keeping you informed.

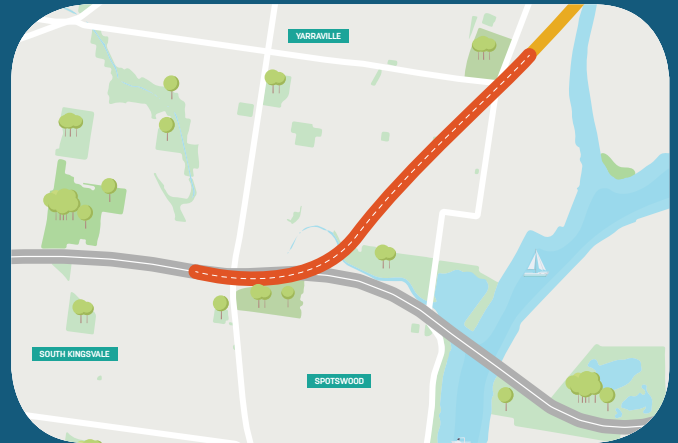
The West Gate Tunnel Project

The West Gate Tunnel Project is a major road project that requires tunnelling and construction of an elevated motorway connecting the West Gate Freeway, west of the West Gate Bridge, with the Port of Melbourne, CityLink and the central business district (CBD) of Melbourne.

Construction is managed by CPB Contractors and John Holland Joint Venture (CPBJH JV).

Initial testing suggests low levels of PFAS (Per- and polyfluoroalkyl substances) may be present in the tunnel spoil when tunnelling begins.

PFAS contaminants can be safely handled using EPA guidelines, and are commonly found in soil unearthed during construction works at industrial and commercial sites.



The potential for low levels of PFAS in the tunnel spoil will see a rigorous testing regime implemented at an EPA licenced facility prior to its reuse or disposal.

The tunnel spoil is anticipated to have a moisture content up to 60% and can be described as a sludge or slurry.

Facts about PFAS

- Per- and polyfluoroalkyl substances (PFAS) are chemicals that are resistant to grease, oil, water and heat.
- PFAS contaminated soil can be safely handled under guidelines provided by the Environment Protection Authority Victoria (EPA).
- Low levels of PFAS in soil are not harmful to the public, during soil removal, relocation or disposal.
- PFAS is found in a wide range of products used by consumers every day such as water resistant fabrics, cleaning products, paints, non-stick cookware, food packaging and fire-fighting foams.

The approvals process

Cleanaway is applying for a Planning Scheme Amendment to be considered by the Minister for Planning and also seeking approval from the Victorian Environment Protection Authority (EPA).

Detailed technical and environmental assessments have been undertaken to ensure our proposal is robust and provides a safe solution for the management and reuse of the tunnel spoil.

Environmental management plan

Cleanaway has developed an Environmental Management Plan that is subject to verification by an independent environmental auditor, prior to approval by the Victorian Environment Protection Authority (EPA).

Cleanaway is awaiting the outcome of the Tender process for the West Gate Tunnel Project. Our proposal provides a safe and sustainable solution for managing the tunnel spoil and potential reuse is optimised.



Location

The Soil Management and Reuse Facility will be located next to Cleanaway's Melbourne Regional Landfill in Ravenhall.

The facility will operate within a basalt quarry void, 10 metres below natural ground level, meaning it will be mostly hidden from view.

The area has a long history of industrial, landfilling and quarry uses, with approved buffers to nearest residential areas.

Timing

If Cleanaway is awarded the Tender to manage the tunnel spoil, and can obtain the necessary regulatory approvals, then construction of the facility will commence.

We plan to operate 24 hours a day, 7 days a week to support the operational continuity of the West Gate Tunnel Project, when tunnelling begins.



Soil Management and Reuse Facility



Safe transportation

All materials will be transported by the West Gate Tunnel Project contractors in accordance with all necessary regulatory permits.

Trucks will be covered and sealed in line with EPA requirements during transportation.

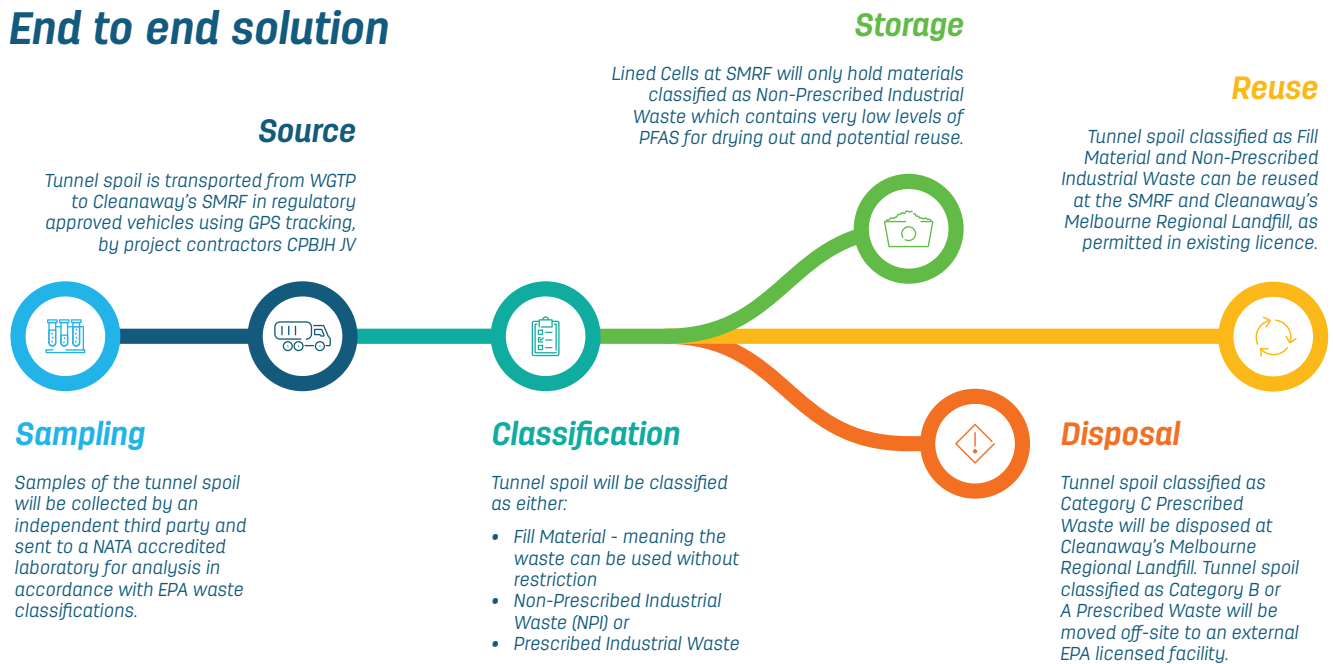
Trucks will travel along the Western Highway and take the Christies Road exit heading south to the facility, avoiding residential areas.

Material classified as Prescribed Industrial Waste will be moved off site to an EPA licensed facility.



Safe handling & disposal

End to end solution



The EPA will issue specific classifications that will determine how the spoil material is to be managed. Those classifications will determine the ultimate reuse or disposal option for the material.

Samples of the tunnel spoil will be collected by an independent third party.

The samples will be sent to a NATA accredited laboratory for analyses in accordance with EPA waste classifications.

Tunnel spoil classified as Prescribed Industrial Waste will be transported off site and disposed at an approved EPA-licensed facility.

Tunnel spoil classified as Fill Material and Non-Prescribed Industrial Waste can be reused at the SMRF and Cleanaway's Melbourne Regional Landfill, as permitted in existing licence.

Like all waste, it needs safe handling to determine options for disposal and potential reuse.

Environmental management

Understanding the potential for contaminated soil has enabled Cleanaway to find a solution to safely manage the tunnel spoil and protect the environment with no impacts on community health.

Our environmental specialists, construction engineers and highly experienced operators conduct rigorous construction and monitoring activities to ensure we maintain environmental compliance standards and can respond to any issues as a matter of priority.

Surface water management

A Surface Water Management Plan will be developed to document all surface water management controls.

A water treatment plant will be commissioned at the facility to remove PFAS from water to allow discharge of treated water to surface water.

The system will be designed to capture clean run-off water for operational uses.

Ground water management

Our proposed facility will be located in the floor of a quarry, which allows any water to be easily contained or discharged to the surface water system surrounding the site in compliance with regulatory standards.

Holding pens, Lined Cells, Sediment Ponds and Evaporation Ponds will be constructed to EPA approved designs and environmental standards.





About us

Cleanaway's core business is providing an essential service for Australia's waste management and recycling needs.

We specialise in collecting, disposing, processing and recycling all types of waste at licenced facilities around the country.

We have a proud history of providing safe and sustainable waste management solutions for more than 200 communities nationwide and employ over 4,500 Australians.

Community contact

www.cleanaway.com.au/SMRF

Our dedicated information page on our website contains more detailed information to explain our proposal.

Community information webinars

Cleanaway is hosting information webinars for community members to find out more information about our proposal. You can register to attend a session on our website.

Community hotline 1800 213 753

Cleanaway's 24-hour hotline service is available to you to report any matters of concern about our operations.

For further information please contact our **Stakeholder & Community Engagement Manager — Olga Ghiri** on 0478316237 or olga.ghiri@cleanaway.com.au