

Stephenson Avenue Extension Project

Management of Stockpile Waste Materials

Frequently Asked Questions

Background

The Stephenson Avenue Extension project will provide a new connection from Scarborough Beach Road to Cedric Street, including a new grade-separated interchange with the Mitchell Freeway to replace the existing Cedric Street interchange, and local road links to Ellen Stirling Boulevard.

Why do we need a stockpile site?

Most major infrastructure projects require stockpile locations to store and process materials used on the project.

Where is the project's stockpile site?

The project's stockpile location is near the Cedric Street temporary southbound on-ramps – Image 1.

Do we have approvals to use this site?

Yes, we received approvals from the City of Stirling to use the site. The City's mulch site is also nearby.

Did we know that the site was an ex-landfill site?

Yes, the project is aware that sections of the project are being delivered on the former Hertha Road landfill site.

What testing did we do prior to starting works?

Prior to commencement of works, the S2ME Alliance undertook an extensive sampling program to identify 'Potential Contaminants of Concern' (PCOC) associated with the landfill material.

This was completed by contaminated sites specialist consultants who conducted several reviews of the landfill material, in line with the guidelines set out by



Image 1 – Stockpile location

the Department of Water and Environmental Regulation and Australian Standards.

What did the test results show?

Samples were analysed at an independent, National Association of Testing Authorities (NATA) accredited laboratories, and included testing for hydrocarbons, heavy metals and pesticides.

All samples analysed returned negative results for concentrations of PCOC above the nominated DWER health and environmental assessment levels.

Asbestos was included in the analysis, but not found in the landfill material during the on-site investigations.

How does the project manage contaminated waste material?

All contaminated waste that leaves the site is removed by licenced and approved waste management contractors.

Project waste is tracked and audited to ensure it is handled in accordance with appropriate licencing requirements, in addition to detailed site assessments conducted before and during construction.

When hazardous material such as asbestos is identified, the project follows the requirements of the *Work, Health and Safety (General) Regulations 2022*.

Complex management practices are in place to ensure community and worker safety.

What are the project's dust management practices on the stockpile site?

An approved environmental management plan outlines the requirements for dust management. This includes, but is not limited to, the use of water carts, soil binding materials, street sweepers, and modification of works where required.

During windier periods, the volume of water carts is increased. In addition, Polymer Soil binder is applied to stockpiles and trafficable areas, with trucks washed prior to exiting the stockpile site.

Activities that are likely to generate dust, such as loading and unloading trucks, are conducted in areas of the site less prone to wind conditions.

Why has all works and vehicles movements at the stockpile area ceased (June 2024)?

We have been made aware of community concerns regarding dust and potential health risks from the stockpile site and are working closely with DWER, WorkSafe and the Department of Health to respond.

Recent sample testing of the stockpile waste material by DWER has identified suspected asbestos containing material.

As a result, all works and vehicle movements at the stockpile area (except the use of water carts for dust suppression, material testing, and asbestos and dust monitoring) has ceased while further site investigations are underway.

What further controls are in place?

Dust suppression polymer has been sprayed around the stockpile laydown area to minimise any spread of dust.

In addition, asbestos fibre monitoring has been implemented at the site as well as workplace exposure monitoring.

Main Roads has appointed an accredited contaminated sites auditor and other contamination subject matter experts to help in the management for the site.

How will we manage the removal of contaminated waste material from the stockpile site?

We are working closely with DWER, the Department of Health and WorkSafe in the control and management of the stockpile.

Any contaminated material found will be managed and removed by licenced and approved waste management contractors in accordance with legislative requirements.

What are the impacts to the community?

Risk to the community is currently considered to be low, however Main Roads and its alliance partners are putting in place a range of measures to mitigate potential impacts.

Has works on the project stopped?

Yes. All work on the construction site has ceased until it is confirmed that it is safe to recommence.

Further information

For more information on the project, please call the Main Roads Customer Information Centre on **138 138** or email enquiries@mainroads.wa.gov.au. To help plan your journey, please visit the [Main Roads Travel Map](#).

To provide feedback on how we are communicating with you, take our Customer Feedback Survey ([Stephenson Avenue Extension Project - Phase 2 | My Say Transport](#)).