



CITY OF
MITCHAM

April 2021

Pasadena historic landfill Community update

Background

The City of Mitcham entered into a Voluntary Site Contamination Assessment Proposal under the *Environment Protection Act 1993* in September 2020. It details the intended scope of work, timeframes and objectives for an environmental investigation associated with a former landfill in Pasadena.

Environmental investigations at the site have been ongoing since the mid 1990s, undertaken by a range of organisations, including the Environment Protection Authority (EPA) of South Australia.

It has been identified more environmental investigation work needs to be done to better understand the nature and extent of potential environmental impacts.

You can find further information and copies of existing reports on our website at:

<https://www.mitcamcouncil.sa.gov.au/environment/lot-101-port-lincoln-boulevard-pasadena>

The location of the former landfill, which was in use from the late 1950s until approximately 1969, is shown by the arrow on the image on the right. The City of Mitcham, amongst others, disposed of general household waste at this site from 1959 to 1962.

After this time, the private landowner continued filling the site with soil and various construction and demolition wastes, forming a “cap” over the general household waste.



Environmental investigation update

Three new groundwater wells and seven new landfill gas bores have been successfully installed in locations at Quinton Court, in the shared laneway between Quinton Court and Thiselton Crescent and at the end of Yorke Drive.

We would like to thank residents for their patience and cooperation while these works were taking place.

It is anticipated that one new groundwater well at the end of Barcroft Street and four new groundwater wells on the former landfill site at Lot 101 Port Lincoln Boulevard will be installed within coming weeks.

Once completed, sampling of all new and existing groundwater wells and landfill gas bores will then take place at different times of year to capture a range of climatic and soil moisture conditions.

Sampling and risk assessment results since 2018

The most recent testing for landfill gas at the former landfill site was undertaken in 2018.

The data showed there was landfill gas present within the general household waste layer of the former landfill, but that the landfill gas concentrations in the layers above it and in natural ground around the landfill were very low.

In 2019, the EPA commissioned monitoring for landfill gas in and around properties near the southern boundary of the former landfill.

No unacceptable risks to human health or property were found as a result of this work.

The presence of landfill gas is one of the factors taken into account when assessing potential risk to properties surrounding or over a former landfill but finding it does not automatically mean a risk is present.

Pasadena historic landfill Community update

Sampling and risk assessment results since 2018 (continued)

For a potential risk to be present from landfill gas, concentrations would need to reach a level that could cause harm and there would need to be a pathway for those concentrations to reach people. **In the case of the Pasadena historic landfill, this has not been identified to date.**

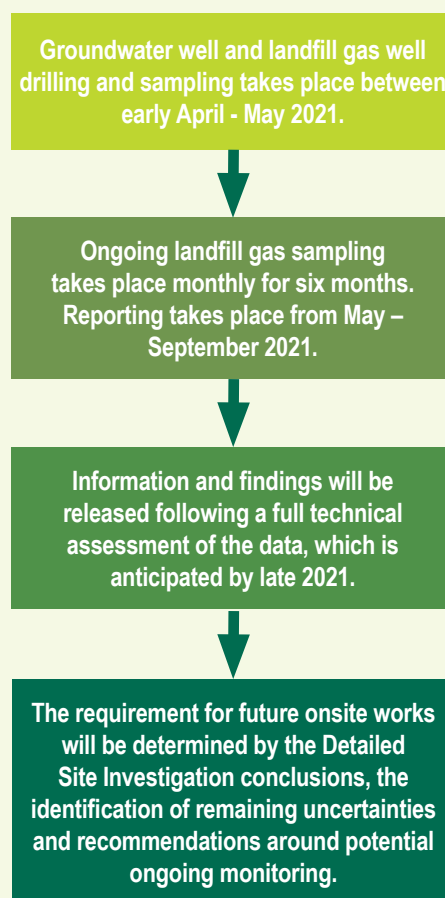
In November 2020, a review of the historical landfill gas monitoring data was undertaken and a preliminary risk assessment prepared in accordance with guidelines used by the Environment Protection Authority (SA).

The report advised that potential risk to residents from landfill gas remained low to very low. This report was reviewed and accepted by the Environment Protection Authority (SA).

However, data gaps were identified in relation to understanding the nature and extent of landfill gas and groundwater contamination.

The environmental investigations currently being carried out will support closing the data gaps and enable a more detailed assessment of risk, in accordance with nationally recognised guidelines, to be completed.

Environmental assessment timeline



Who can we talk to for more information?

The City of Mitcham has engaged a dedicated engagement team, from local company ProManage, to work with property owners and residents to address their questions and any issues they have relating to the environmental investigation.

Should you wish to meet with, or speak to the team, please contact:

ProManage:

0428 063 924 (Leslie Wapler)

City of Mitcham:

8372 8888 (John Valentine)

Email: leslie.wapler@tsamgt.com