

Orica Marleston Contamination Investigations

February 2018

Orica is conducting soil, groundwater and soil vapour investigations at a commercial/industrial site on Desmond Avenue, Marleston. This Fact Sheet has been prepared to share information about the project with the community.

Remediation Investigations

Orica is investigating soil, groundwater and soil vapour at a site known as “Lot 60” at 11-13 Desmond Avenue, Marleston (as shown in the figure below) for tetrachloroethene (PCE) contamination associated with past use of the site.



The work activities are being undertaken to:

- better understand the groundwater contamination associated with historical Orica activities;
- understand any potential risks to human health and the environment;
- identify what remediation is necessary to mitigate risks, should there be any; and
- provide the community with information and awareness regarding the contamination concerns.

Orica has engaged specialist environmental consultants, Golder Associates Pty Ltd, to undertake the investigations.

Timing

Investigations into the contamination concerns in Lot 60 have been ongoing for several years. Orica commenced additional works in January 2018.

A site investigation report is to be submitted to the EPA in May 2018. Following that a risk assessment will be prepared, and a remediation options assessment report is due to be completed in September 2018.

What does this mean for local residents?

The contamination that Orica is investigating is contained within the commercial/industrial site and it is not considered that it presents a risk to residents in nearby homes.

The work involves drilling and sampling on private commercial/industrial lands and should not cause any noise or disruption to the local community.

Why are the investigations needed?

The investigations will help us to better understand and manage any potential risks for people working on the commercial/industrial site now and into the future.

Site Auditor

An accredited Site Contamination Auditor, Mr. Paul Fridell, has been engaged as required by the EPA. The Auditor will provide an independent review of all the reports for the project.

Stakeholder engagement

Orica is committed to sharing open and transparent information about the work being conducted to ensure that people living and working near the site can access information and receive timely responses to any questions or concerns they may have.

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Both the former Orica site and the adjacent Marleston TAFE site formed part of an EPA "Assessment Area".

Environmental assessments at these sites have been undertaken since 2009 to determine the extent of groundwater contamination located on- and off-site.

Information about broader groundwater contamination in this area is available from the EPA at www.epa.sa.gov.au/data_and_publications/site_contamination_monitoring/assessment_areas/marleston.

Site History

Orica and its predecessor company, ICI Australia Pty Ltd, leased Lot 60 from 1968 to 2006 and operated the site between 1966 and 1999, for the warehousing and distribution of dangerous and non-dangerous goods, including chlorinated solvents.

Chlorinated solvents are used for a variety of industrial uses including degreasing and cleaning.

Orica has not had any operations at Lot 60 since 1999.

Lot 60 has been sold to a private company for development.

In September 2016 the EPA notified Orica of groundwater contamination at the site and adjacent land and noted that additional investigations and assessment were required.

Following a review of past land uses and available data Orica submitted a Voluntary Site Contamination Assessment (VSCAP) to the EPA for tetrachloroethene (PCE) contamination in groundwater at Lot 60. This was finalised in November 2017.

Orica and its predecessor company, ICI Australia Pty Ltd, owned the adjacent Lot 57 from 1964 to 1985. This land was vacant during Orica's ownership.

Please visit
www.orica.com/Marleston
for project information and
progress updates

Please contact Orica with any questions or feedback:

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About Orica

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Our purpose is to make our customers successful, every day, all around the world. We take pride in operating safely, responsibly and sustainably. Together, these enable us to grow and create enduring value for our shareholders.

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