



Barangaroo Remediation Project Update - October 2017

The Barangaroo precinct includes the site of the old Millers Point Gasworks. Although it was decommissioned in 1921, to this day there remains by-products of those gasworks under Hickson Road and the construction site, including coal tar and large volumes of contaminated soil.

In 2009, the NSW Environment Protection Authority (EPA) declared that the site required remediation. The Barangaroo Delivery Authority is now delivering this remediation in cooperation with the EPA and has contracted Lendlease to undertake the remediation works.

The remediation is being undertaken to remove the risk of harm to human health and the environment that may be caused by the presence of contamination. The remediation comprises the removal (via excavation and disposal), stabilisation and management of the contamination.

The remediation work at Barangaroo has now commenced and will take more than three years to complete. The overall objective is the safe, efficient and effective removal of contamination from the site, with as little disruption as possible to surrounding residents and businesses. As the remediation projects progress, we will keep you regularly informed about the work taking place.

At Barangaroo, there are two remediation projects:

- **The remediation of part of Hickson Road** (approximately between 30-34 and 38 Hickson Road)
- **The remediation of the Barangaroo construction site**

Protecting the health of the environment, the community and workers

Extensive, real-time monitoring throughout the remediation process includes monitoring of dust, odour, air, noise and water emissions. The monitoring is a requirement under the Environment Protection Licence which is issued and administered by the EPA. It is also part of the conditions of development consent issued by NSW Department of Planning and Environment.

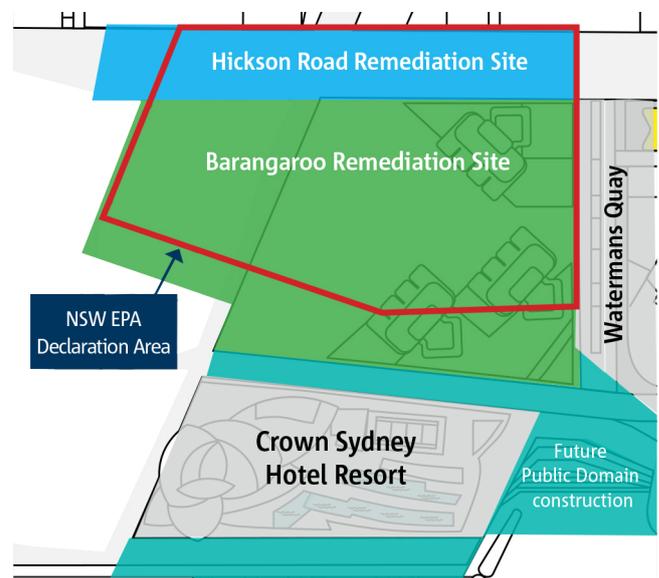
As part of the remediation works in both Hickson Road and on the Barangaroo site, large remediation tents called Odour Control Enclosures (OCE) will be used throughout the works. The OCEs are negatively-pressurised tents designed to ensure that no potentially harmful emissions, dust or odour are released into the surrounding atmosphere during the remediation excavation works. Each tent is a fully sealed structure and each OCE will vary in size depending on the location and nature of the works taking place inside.

Inside each OCE is an Emissions Control System (ECS) which manages the air flow into and out of the tent. Large fans drawn clean air into the tent and extract air from the tent to a series of filtration units that remove contaminants and particulates that may be present. The filtered and cleaned air is then released from the ECS via a chimney-like structure, called a 'stack'.

Excavated materials are placed into sealed and covered

trucks within the remediation tent and a foam is applied to the surface of the materials to ensure no emissions from the trucks can occur once the trucks leave the tent. All materials excavated for the remediation works will be disposed to NSW EPA licenced waste facilities.

All of the environmental measures being undertaken ensure that emissions from the worksite are safe and clean, posing no risk to the environment or community health. This remediation is cleaning up the dangerous wastes from the past to make sure the area is safe for future use.

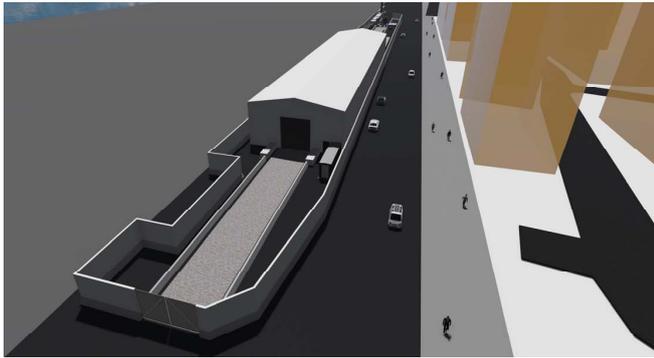


Upcoming work on Hickson Road

In late October 2017, remediation works on Hickson Road will commence. The first stage of this work will be the establishment of a works compound on the western side of the road.

To maintain two-way traffic, the lanes on Hickson Road will be realigned. This will remove the existing parking spaces along part of the eastern side of Hickson Road.

Once the construction compound has been built on the western side of Hickson Road, a remediation tent (OCE) will be installed. The remediation excavation works are expected to commence by early to mid 2018. Once the works are completed on the western side of the road, the works compound will be relocated onto the eastern side of the road, however, this will not occur until mid 2019.



Indicative drawing of Hickson Road OCE on the western side of the road

Hickson Road Indicative Program

- Mid 2015**
Pilot trial commences
- Mid 2016**
Pilot trial completed
- Early 2017**
Detailed design
- Mid to late 2017**
Works commence – western side of road
- Mid 2019**
Works on the western side completed and works on the eastern side of road commence
- Mid 2020**
Works completed on the eastern side of road and demobilisation

Hours of work

Monday to Friday 7am to 6pm

Saturdays 7am to 5pm

Upcoming work on the Barangaroo site

Work has commenced to prepare for the remediation work, including the construction of the first remediation tent (OCE).

Over the coming months, there will be additional large OCEs constructed across the Barangaroo site. From October 2017, remediation excavation works will commence.



Indicative image of inside an OCE

Barangaroo Construction Site Indicative Program

- Mid 2015**
Perimeter retaining walls commenced
- Mid 2017**
Perimeter retaining walls completed
- Mid 2017**
Preparation works commenced
- Mid to late 2017**
Remediation excavation works commence under OCE
- Early 2019**
Remediation excavation works continue under OCE
- Mid 2019**
Completion of remediation works and continuation of excavation for building construction works

For more information



1300 039 733



barangaroosouth@lendlease.com



www.barangaroo.com