

Environmental Impacts

To manage impacts on the environment during the demolition of the new stadium, the following issues have been addressed:

Surface and groundwater

The stadium site is located within the upper reaches of the Parramatta River catchment, with Parramatta River located immediately adjacent to the west and south of the site. During demolition, an erosion control plan will be implemented to manage runoff and sediments control. Measures include regular inspections, site contouring and rumble grids to prevent vehicles taking soil offsite, and to minimise the risk of spills of hazardous materials such as oils, chemicals and fuel.

Flooding and drainage

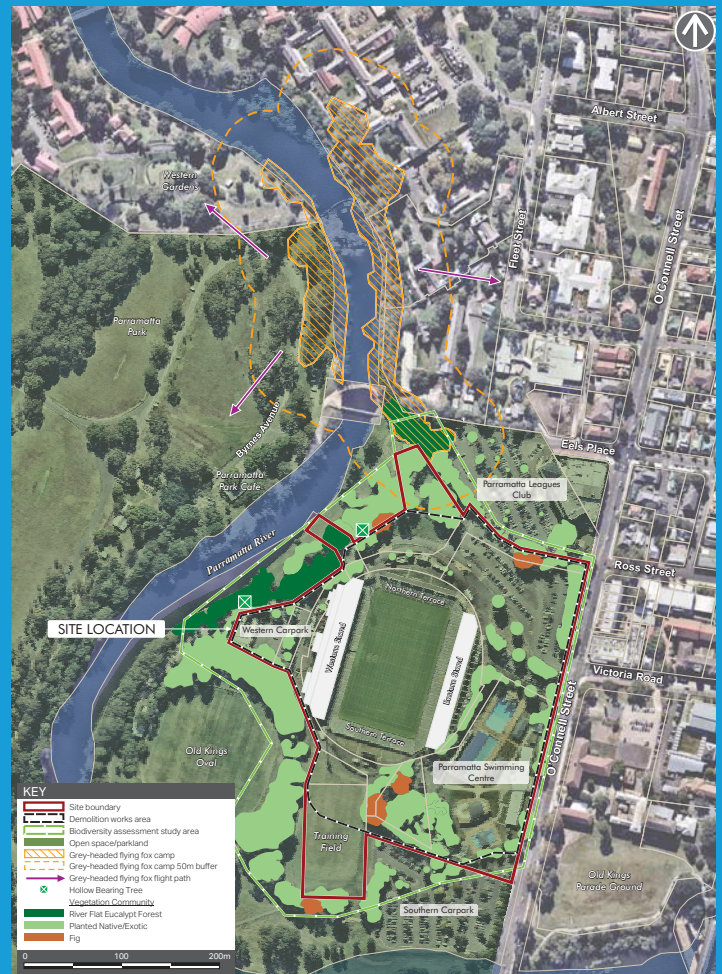
A Water Cycle Management and Flooding Assessment has been developed, which identifies future water management requirements for the stadium, based on predicted storm events and drainage conditions. The site is not significantly impacted by flooding.

Biodiversity

The stadium is located near areas of endangered ecological community of River-Flat Eucalypt Forest. This area will be protected throughout the project, through the implementation of work exclusion zones. The existing stadium is also situated near a grey-headed flying-fox (GHFF) camp. Noise management strategies will be implemented to avoid or reduce impacts to the GHFF camp during demolition. These include placement of equipment as far from the camp as reasonably possible, utilisation of noise shields and having an ecologist onsite if works are undertaken within 50 metres of the camp during the breeding season.

Waste management

During the demolition works, waste will be separated for disposal. The project has developed a clear Waste Avoidance and Resource Recovery Strategy that identifies where and how waste will be managed



Existing vegetation, fauna habitat and GHFF camp

Demolition

Demolition works will start in early 2017 and are expected to be completed by mid-2017.

A specialist contractor will be engaged to demolish the existing stadium.

Buildings will be demolished in stages, within the site boundary.



Demolition works area with exclusion zones

Managing noise and vibration

Demolition work may involve noise, vibration and dust, generated by construction activities and the equipment used on site. A Construction Noise and Vibration Management Plan will be developed, including:

- » considering where equipment is placed to reduce the impacts on neighbouring properties
- » switching off machinery, such as generators, when they are not in use
- » using regular vibration and noise monitors to gauge output levels.

Traffic management during construction

- » A traffic management plan will be developed and approved, to manage traffic impacts during demolition.

**MID
2016**

EIS submission

**LATE
2016**

EIS determination

**EARLY
2017**

Demolition starts

**MID
2017**

Demolition complete

Stadium access and transport

The Western Sydney Stadium will have increased seating capacity for patrons. This will result in increased use of public transport and a need for improved and increased pedestrian access.

Public Transport

The existing stadium is well serviced by public transport on game days and this would continue following construction of the Western Sydney Stadium. A free shuttle bus runs from Parramatta CBD, including the train station, to the stadium.

In addition, an extensive bus network connects to Parramatta, including the Route 549 service that provides links between Epping and Parramatta CBD, via the existing stop on O'Connell Street, outside the stadium.

The NSW Government has announced that the preferred Parramatta Light Rail network will connect the key precincts of Westmead, Parramatta and Camellia, with Carlingford, Sydney Olympic Park and Strathfield. This will provide an additional transport option for stadium patrons. Construction of the Parramatta Light Rail is expected to commence in late 2018.

Walking to events

To increase pedestrian access to the stadium, the concept proposal includes:

- » Improving pedestrian connectivity from surrounding transport and the Parramatta CBD
- » Implementing two primary pedestrian entry and exit points to the stadium
- » Creating public plaza and forecourt areas to meet with friends and enjoy the area before events
- » Placing way finding signage around stadium.

