



Kingston Brownfield Land Development

On site treatment of contaminated soils and recycling of demolition materials at sites with specific groundwater uses.

Client

Kingston Foreshore Development Authority (KFDA)

Location

Kingston, Canberra, ACT, Australia

Benefit

The development of the site is intended to return a commercial return to the ACT Government and KFDA required land clear of impediments for sale to developers to maximise its financial return. Project management techniques were used to deliver the project within time and budget, while meeting quality objectives.

Significant issues

- ▶ On-site treatment of contaminated soils.
- ▶ Recycling of demolition materials in accordance with the KFDA policy for ecologically sustainable development.
- ▶ Meeting stringent soil contamination and groundwater criteria for sensitive land uses.



Clockwise from top left: Former Commonwealth Tank Farm Site, De-watering Discharge Treatment Pond, Aerial view of site

Description

The site is a prime location central to the city of Canberra on the shore of Lake Burley Griffin that provides the water axis and a unifying feature of the nation's capital. It has striking views towards the Parliamentary Triangle, the backdrop of prominent ridges, and the adjacent Jerrabomberra Wetlands. The precinct abuts the fashionable suburb of Kingston. It is the first time that the city has been brought to the lake creating a transition of parks, waterfront promenades, cafes, markets and cultural facilities.

Previously the site was occupied by numerous derelict buildings and contaminated with a range of materials reflecting its previous uses.

The cleanup of site contamination was to address contaminants from a number of activities and locations including:

- ▶ Massive soil and groundwater contamination from above ground diesel refuelling tanks;
- ▶ Chemical storage tanks and surrounds within the Government Printing Office;
- ▶ Ash from the power station ash and railway engines.
- ▶ Petroleum contamination from a former refuelling station;
- ▶ Oil and solvent contamination from the bus depot and workshops;

GHD's role was project management of building demolition and the remediation and environmental validation of contaminated land.

For more information, please contact:

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