

Newcastle Clyde Street Former Gasworks Site

Remediation Project



Project Overview – September 2019

Background

The Newcastle Clyde Street former Gasworks site is located adjacent to Clyde Street and Chatham Road in Hamilton North, around 3km north-west of the Newcastle CBD. The site is approximately 7.4 hectares in area and is bordered by Clyde Street, Chatham Road, the Main Northern Railway Line, and the Styx Creek channel.

The Newcastle Gas Company (former owner of the site) operated a gasworks from 1913 to 1985. In 2006 Jemena acquired the site as part of a wider business transaction.



Above: Historic photo of the former gas holders

Remediation Works

Jemena is required to remediate contamination which resulted from the historical operation of the site, resulting in the soil and groundwater being contaminated over the lifespan of use as a Gasworks.

Primarily, site contamination occurred from the storage of coal tar (a by-product of coal gasification process) in below ground tar wells. Contamination levels currently exceed health criteria for the site's 'light industrial' zoning. Additionally, contaminated groundwater from the site is impacting the adjacent drainage channel, Styx Creek.

Jemena is committed to carrying out the remediation works, with significant progress made with respect to contamination assessment, project planning and approvals, which have been

achieved in consultation with the NSW Environment Protection Authority (EPA), City of Newcastle Council, and the NSW Department of Planning, Industry and Environment (DPI&E).

The project is classed as 'State Significant Development' under the Environmental Planning and Assessment Act, which has required an Environmental Impact Statement (EIS) be prepared to inform and support the development application for the remediation works.

The EIS was completed and publicly exhibited in August 2018, following consultation with Council, government agencies, key stakeholders and the local community.

The EIS includes a range of specialist studies to assess the environmental and social acceptability of the proposed remediation work.

Project Phases

The project will progress in phases:

Site Establishment; installation of environmental & safety controls, clearing of vegetation and trees, establishment of site compound & parking, construction/reinforcement of temporary driveways.

Staged Remediation; demolition works (non-heritage buildings/structures, concrete slabs); relocation of stockpiles; crushing & screening of building rubble; installation of the subterranean barrier wall (approx. 510m across the site) to redirect groundwater flow around areas of contamination; regrading of the site and placement of the capping layer; drainage; sealing of the capping layer with a two coat spray seal, and removal of site compound/parking area to complete capping works in this area.

Demobilisation; Tidy up and removal of temporary facilities off site.

Post-remediation; long-term management/monitoring in accordance with EPA requirements.

Project Timeline

August 2018 - EIS completed and on public display for review & submissions.

September 2018 – May 2019 – Response to submissions. DPI&E Project determination period.

July 2019 – DPI&E Project consent received on 18 July 19 providing approval to proceed with works.

September 2019 – Remediation works commence with the Site establishment phase.

Mid 2020 – On-site Remediation works completed.

Community Consultation

Consultation with the local community, project stakeholders and government agencies has continued through the various investigative and planning stages of the project, with feedback incorporated into the EIS. Activities including community drop-in sessions and newsletters have assisted in keeping the community informed and enabled opportunities to raise questions throughout these stages.

Jemena is committed to the successful remediation of this site, and throughout this process we will continue to provide regular updates regarding the project to local stakeholders and the community.

Moving forward into the commencement of Remediation works, we welcome community members to make contact with us, through the various contacts detailed below.



Above: Aerial photo showing the site boundary in red.



Above: Heritage building/structures will remain and will be protected during the works.

Contact Us:

For more information about the Newcastle Clyde Street Remediation project we encourage you to register on our Project Portal at: haveyoursay.jemena.com.au or contact us on

P: 1800 571 972

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