

Hunter Water S170 Register

SHI No.: Name:
3630059 Carrington 1 Waste Water Pumping Station

Location Lot 1 Wilson St, Carrington NSW 2294

Other ID nos IW ID: 68. Other ID: SSCAN009.



Description:

A brick structure located on concrete well with graffiti (both official and unofficial) on the surface. It has a stopped hip corrugated colorbond roof with recent colorbond decorative fascia, slatted soffit and whirlybird vent. There are concrete lintels, framed and sheeted doors, and timber boarded shutters over windows. The building has no gutters, a concrete vent and modern metal sewer vent in eastern corner.

Significance:

Carrington No. 1 Wastewater Pumping Station is a typical brick-built wastewater pumping station. It is well-detailed, intact and remains in service for its original function.

Assessed Significance: Local

Endorsed Significance: Local

Historical Notes:

Constructed: -1936

Carrington Wastewater System was completed in 1936. Constructed by the Department of Works and Local Government, the system was transferred to and vested in the Board on 6th November 1936 for maintenance and administration. The boundaries of the system were published in the Government Gazette on 11th December 1936, and the properties within the municipality became legally rateable from 1st January 1937, whether connected or not.

At the time of its construction, the Carrington Wastewater System was part of the Newcastle and Suburbs general wastewater system, comprising four separate systems of reticulation. The sewage matter from the Carrington Wastewater System gravitated into Pumping Stations Nos. 1, 2 and 3, before being pumped via individual rising mains into a common rising main which discharged into the receiving well at Carrington 4 Pumping Station. This sewage was then pumped via a rising main that connected into the Main Intercepting Sewer at the north-west corner of Carrington Street and Maitland Road in Waratah. It thus joined the Newcastle and Suburbs Waste System, which discharged into the Burwood Beach Sewerage Treatment Works.

Carrington Wastewater Pumping Station No.1 was constructed in Wilson Street. All four of the Carrington Wastewater Pumping Stations were constructed in a similar fashion; generally each consisted of a circular concrete well divided into three compartments vertically by three radial walls. One of these compartments housed the vertical spindle pumps, whilst the other two were sewage storage wells. The vertical spindle motors and switch gear were housed in a brick building constructed on the sewage well. Two identical pumping units were provided in each pumping station. One unit running alone was of sufficient capacity to pump the sewage under normal conditions, and the pumps acted automatically with the rise of sewage in the sewage wells.

Designer/Builder: Department of Public Works/Newcastle Council

Current Use: Wastewater pumping station

Former Uses:

Physical Condition:

Good overall condition, however, there are indications of possible earthquake damage and spalling to all sections of concrete vent, especially penultimate section.

Further Information:

The site consists of a flat, tree-lined block surrounded by a galvanised pipe fence.

Recommended Management:

- This item contributes to local character and should be conserved.
- Original details should be maintained including doors, windows and original signage.
- New materials should be sympathetic to the nature and character of the original building.
- In the event of major proposed changes, prepare a Conservation Management Strategy and undertake an archival

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recording.

- Wherever possible, changes should be restricted to the interior of the building.
 - Routine maintenance of existing fabric is essential.
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References:

Clem Lloyd, Patrick Troy and Shelley Schreiner 1992, For the Public Health. The Hunter District Water Board 1892-1992. Publisher: Longman Cheshire Pty Ltd, Melbourne.

Department of Public Works , Annual Reports, 1888 to 1892 and 1893-94 to 1960-61.

Glennie Jones 1967, The Movement for Newcastle's First Water Supply 1875-1885, Newcastle History Monographs No. 2. Publisher: The Council of the City of Newcastle, Newcastle.

Hunter District Water Board , Annual Reports, 1938-39 to 1987-88.

Hunter District Water Supply and Sewerage Board , Annual Reports, 1897-98 to 1937-38.

Hunter Water Board , Annual Reports, 1988-89 to 1990-91.

Hunter Water Corporation , Annual Reports, 1991-92 to 2008-09.

John W Armstrong 1967, Pipelines and People. The History of the Hunter District Water Board Newcastle, New South Wales. Publisher: The Hunter District Water Board, Newcastle.

Mal Hindley 1983, 'From Weirs, Dams and Sand', in Shaping the Hunter. Publisher: The Newcastle Division of the Institute of Engineers Australia, Newcastle.

Studies:

- 1 Futurepast Heritage Consulting Pty Ltd 2010, 'Hunter Water Conservation and Heritage Register Study'.
Reference: .
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Listings:

- 1 *Heritage Act - s.170 NSW State agency heritage register:*
Listing date: . Reference Number:
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Data Entry: *Date First Entered:* 26/Apr/2010 *Date Updated:* 10/Sep/2010 *Status:* Partial

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Images



Carrington 1 Waste Water Pumping Station

File: Carrington 1
WWPS.jpg

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Consulting Pty Ltd

Date: 28/04/2010

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WWPS.jpg

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Carrington 1 Waste Water Pumping Station location (Courtesy of Google Earth)

File: carrington 1 GE.jpg

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