

HUNTER WATER SECTION s170 REGISTER



ITEM NAME:

Carrington 2 Wastewater Pump Station

Contents:



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ITEM DETAILS



Item Name	Carrington 2 Wastewater Pump Station
Other / Former Names	N/A
NSW SHI No.	3630060
GID	272827
Plant No.	SS-CAN-002-PS1
Local Government Area	Newcastle
Lot and DP	Lot 1 DP 1075747
Address	2A Victoria Street, Carrington NSW 2294
Curtilage	The curtilage of this asset is defined by its legal allotment boundaries (defined by the relevant Lot and DP).



View of the Pump Station from Arnold Street



Asset location and curtilage (red boundary) (refer to [Figure 1](#) for additional detail)

HISTORICAL OVERVIEW



Current Use	Wastewater pumping station
Former Use	N/A
Designer / Builder	Department of Public Works and Newcastle Council
Historical Notes	<p>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.</p> <p>At the time of its construction, the Carrington Wastewater System was part of and connected with the Newcastle and Suburbs general wastewater system and comprised of 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 No. 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 then joined the Newcastle and Suburbs Waste System, which discharged into the Burwood Beach Sewerage Treatment Works.</p> <p>Carrington Wastewater Pumping Station No.2 was constructed in Arnold 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.</p>

HERITAGE STATUS



Listing Details	<input checked="" type="checkbox"/> S170 Heritage and Conservation Register <input type="checkbox"/> Local heritage listing <input type="checkbox"/> State heritage listing
Conservation Management Plan	<input type="checkbox"/> N/A
Heritage Asset Action Plan	<input type="checkbox"/> N/A
Aboriginal Sites Registered within the Site	AHIMS search undertaken on 26 October 2022. No sites were registered in or within 50 metres of the relevant Lot and DP.
Historical Archaeological Potential	Not assessed.

HERITAGE SIGNIFICANCE



Level of Significance	Local
Statement of Significance	Carrington 2 Wastewater Pump Station is a typical brick-built wastewater pumping station. It is well-detailed, intact, and remains in service for its original function. The item is prominently located within an open grassed area and makes a positive contribution to the surrounding streetscapes.
NSW SHR Criteria	<input checked="" type="checkbox"/> a) Historical <input type="checkbox"/> b) Associative <input checked="" type="checkbox"/> c) Aesthetic / Technical <input type="checkbox"/> d) Social <input type="checkbox"/> e) Research Potential (yield new information) <input type="checkbox"/> f) Rare <input checked="" type="checkbox"/> g) Representative
Significant Elements	<ul style="list-style-type: none">• Matched pair to Carrington 1 Wastewater Pump Station.• Overall form, shape, and scale of the Pump Station including the roof form and brick façades.• Original timber joinery to windows and associated shutters.• Rhythm and presentation of fenestration (window and door openings).

DESCRIPTION



Setting	Located within an open, grassed allotment within a residential area.
External Appearance	<p>Rectangular brick building on raised concrete slab foundations constructed in 1936. The southern and western edges of the slab foundations are curved as they form part of the curved drywell tank structure located below the building.</p> <p>Immediately beneath the building, the concrete slab has been rendered and painted pale green. The building features exposed red brick laid in stretcher bond. The fascia has been painted dark green and the timber panel soffit has been painted pale green. The roof is styled as a louvred hipped roof, although the spaces where open louvres would typically be inserted consist of the same pale green Colourbond as the remaining roof, which is contemporary.</p> <p>The single entrance door is a timber flush framed ledged and braced door. This has been painted dark green. The door lintel has been rendered in pale green painted concrete. The door is framed by rounded brick corners.</p> <p>The eastern and western walls are each set with a single window. Externally, these are covered by timber framed and ledged shutters. The surfaces of the shutters have been painted pale green. Each window is a single-hung sash with pale green painted timber frames and two panes of glazing to each panel. Externally, the lintels have been rendered in pale green painted concrete and the sills are exposed curved brick. Each window is partially framed by rounded brick corners. Two small, covered vents are present on each wall. Each vent is concealed by a perforated metal cover. The vent left of the entrance door has been removed and filled in with bricks.</p> <p>Several pipes and official signs are attached to the façade.</p>
Internal Appearance	The building comprises of a single room. The floor is a concrete slab with an eroding sealant layer. The internal brickwork face has been left exposed. The centre of the space is dominated by a dry well and associated machinery lines the walls. A steel overhead crane beam runs the length of the building and is supported by stepped bricks projecting from the wall. The ceiling consists of cream-painted panels.
Overall Condition	Fair.
Moveable Heritage Objects	None identified.



Approval and Assessment Requirements

Minor or inconsequential impacts: Anything other than routine repair and maintenance must be discussed with the Environment Team to determine the level of heritage assessment required.

More than minor or inconsequential impacts: As above. Additionally, consultation with the relevant local council is required.

Demolition or removal from the register requires consultation with Heritage NSW and archival recording.

General / Ongoing Management

- Changes within the defined curtilage should be preceded by the appropriate level of heritage assessment and approval. Advice and/or confirmation should be sought from the Environment Team prior to undertaking any works.
- Maintain overall form, shape and scale of the building.
- The introduction of new buildings or structures within the curtilage is discouraged. If introduced, the ability to view the building 'in the round' is to be retained and not obscured.
- Maintain original window detailing, fenestration, and significant elements. Changes to fabric may be supportable if no feasible alternative is available/to ensure ongoing operation and/or safety.
- Removal of non-significant elements (such as lighting, rainwater goods, services, external signage, etc) is supportable, provided that any replacement is appropriate to the building.

Priority Conservation Works

- Assess and repair damage to external brickwork and concrete foundations, including mortar loss, spalling, and cracking.
- Remove graffiti from external walls.

KEY IMAGES



Image 1: Entrance



Image 2: Angled concrete footings to accommodation subsurface services



Image 3: Timber panel soffit



Image 4: Window shutters

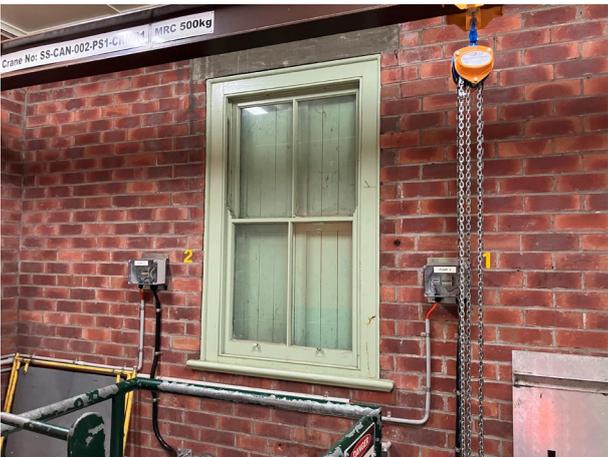


Image 5: Timber sash window



Image 6: Eroding sealant layer on floor



Image 7: Ceiling panels



Image 8: Internal view of floor and wall within the Station



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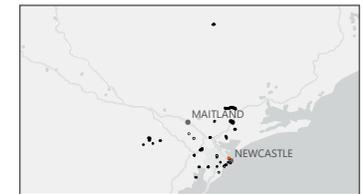
FIGURE 1

S170 Review - Heritage Curtilages

Legend

- Road
- + Railway
- Lot Boundary
- ▭ Heritage Curtilages

Carrington 2 Wastewater Pump Station



0 100
Metres

Scale 1:2,500 at A4
GDA 1994 MGA Zone 56

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