

# Architectural Projects

2006 – Q Station

North Head Quarantine Station &  
Reserve, Manly

SHR # 1003

Heritage Impact Assessment

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V.11

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## 1. EXECUTIVE SUMMARY

This Heritage Impact Assessment (HIA) has been prepared to support the Review of Environmental Factors (REF) application by North Head Sydney Pty Ltd (NHS) for the ongoing operation of the North Head Quarantine Station (Q Station) from beyond 2024 until 2050.

The core focus of this HIA is to assess the cultural heritage impact of the ongoing operation of Q Station, to propose strategies to mitigate any impacts, and to streamline the heritage management processes. This assessment comes in response to the outlined requirements of the REF and is integral to the broader vision for the Station, as laid out in the submitted master plan.

This report includes:

- Comments on Proposed Changes to the Conditions of Planning Approval (COPA): We respond directly to suggested amendments whilst allowing for the Station's continued operation. These changes are grounded in current heritage best practice.
- Review of Approved Conservation Works Program (2006) Stage 1, prepared by Mawland Construction PL.
- Review of Approved Internal Fit-out Plan (Part 1) (2005), prepared by Paul Davies Architects PL and Cate Young Design (2006)
- Review of Approved Heritage Landscape Master Plan (2006), prepared by Thompson Berrill Landscape Design in conjunction with Paul Davies PL & Arborcraft.
- Review of Interpretation Plan (2006). Prepared by Simon Macarthur, Mawland Construction PL

The proposed updates within this report are designed to align with the sustainable development goals of Q Station, ensuring its operations continue to coexist harmoniously with the natural and community environments. Approval of the ongoing operation as outlined in this REF, supported by the findings and recommendations within this report, will ensure the North Head Quarantine Station can continue to operate effectively and responsibly into the future.

## 2. INTRODUCTION

Keylan on behalf of North Head Sydney is preparing a Review of Environmental Factors (REF) to support an approval for the continued operation of North Head Quarantine Station after the Current Condition of Planning Approval (CoPA) lapses on 23 December 2024.

This report addresses cultural heritage issues arising from the REF for North Head Quarantine Station. Architectural Projects PL were commissioned by North Head Sydney Pty Ltd to prepare this report in February 2024. This report is one of a suite of reports have been prepared to address the various aspects of significance of the site including Aboriginal, Ecological and Natural Heritage values.

The Review of Environmental Factors (REF) is limited to the following:

1. *Ongoing operation of the Quarantine Station beyond 2024, until 2050*
2. *Rationalise the requirements under the current planning approval in order to provide a streamlined, more contemporary, and more workable approval for both NHS and NPWS*

This application seeks approval to extend the operation from 2024 to 2050, without introducing new uses beyond the current Key Site Activities as defined in the existing conditions of approval. No physical works are proposed.

### 2.1. PURPOSE & SCOPE

The purpose of this Heritage Impact Assessment, specifically focused on cultural heritage impacts, is to support the REF application submitted by North Head Station Pty Ltd for the continued operation of the North Head Quarantine Station.

This includes evaluation of the potential heritage impacts under the various operational plans. The assessment also reviews modifications to the Conditions of Planning Approval (COPA).

This HIA is intended to ensure that the ongoing operations at North Head Quarantine Station are conducted in manner that ensures protection of the heritage resources, adhering to relevant statutory requirements and best practice standards. The ultimate goal is to minimise heritage impacts on the surrounding environment and community while supporting the heritage significance and continued use of the site.

### 2.2. BACKGROUND

The North Head Quarantine Station, known currently as Q Station, is a site of rich historical significance located on the traditional lands of the Gayamagal people, part of Sydney's North Head at Manly. Established in the 1830s, the station served as a quarantine facility for migrants arriving in Australia, aiming to prevent the spread of infectious diseases. Over the decades, it has transitioned from its original medical purpose to become a significant cultural and environmental landmark, embodying layers of historical, social, and ecological narratives.

From an environmental perspective, Q Station is situated within the Sydney Harbour National Park, a place of spectacular natural beauty and biodiversity. The area is characterised by native bushland,

stunning coastal views, and diverse wildlife. The proximity of the station to these natural elements underscores the importance of maintaining a careful balance between preserving the site's heritage and ensuring environmental sustainability.

The current application for the ongoing operation of Q Station, extending to 2050, continues this legacy by emphasising the importance of environmental stewardship and the careful management of heritage to mitigate potential impacts on the local wildlife and natural surroundings.

Q Station's role as a custodian of cultural heritage and environmental integrity makes the REF not just a statutory requirement but a commitment to the sustainable future of this historically and ecologically significant site. The REF, supported by this heritage impact assessment, aims to ensure that the Quarantine Station's operations are conducted with strong consideration for the cultural heritage of the site for future generations.

Jennifer Hill of Architectural Projects PL discussed the proposal with representatives of Heritage NSW on 18 March 2024 to clarify the scope of the review and the extent of impacts of the ongoing operation of the Station until 2050 on the cultural heritage values.

### 2.3. METHODOLOGY

The current site operations have been reviewed in order to assess whether the continuation until 2050 will provide for the conservation of cultural heritage values of the site.

This report considers how current cultural heritage issues are managed, and how they will continue to be managed appropriately. The site wide plans, compliance and monitoring documents that are relevant to cultural heritage management have been referenced. The recommendations of this report should form the basis of the cultural heritage issues conditions in the new planning approval.

*This report is prepared in accordance with the NSW Department of Planning and Environment "Guidelines for preparing statements of heritage impact." (2023)*

*This preparation of this report has been guided by the NSW National Parks and Wildlife Service (NPWS) 2021 publication "Guidelines for preparing a Review of Environmental Factors".*

The NPWS template for preparing a Review of Environmental Factors (REF) has also been utilised. The template addresses the environmental impact assessment requirements for activities subject to Part 5 (Division 5.1) of the *Environmental Planning and Assessment Act 1979* and follows the DPE publication, *Guidelines for Division 5.1 assessments*.

### 2.4. EXISTING HERITAGE MANAGEMENT FRAMEWORK

#### 2.4.1. LEGISLATIVE REQUIREMENTS

The NSW Heritage Act 1977 is relevant because the Quarantine Station is included on the State Heritage Register (SHR # 1003). Activities likely to affect heritage may require expert advice and assessment, such as preparation of a statement of heritage impact.

The Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) and Regulations 2000 are also relevant because North Head is included on the National Heritage List (ID 105759) which

comprises the Quarantine Station. Activities having a significant impact on the values of places on the National Heritage List will require assessment in accordance with requirements of the EPBC Act.

The Environmental Planning and Assessment Act 1979 (EP&A Act) is relevant. Activities undertaken by government departments are assessed under Part 5 where consent of the minister is not required. Quarantine Station and reserve is also identified as a state heritage item (item I179) under Part 1 of Schedule 5 Environmental Heritage of Manly Local Environmental Plan (LEP) 2013. The site is located within a local heritage item, North Head, Sydney Harbour National Park (item I175), with additional local heritage items located on site being Quarantine Station stone cairn (I177) and Quarantine Station stone walls (I178). Development consent for works is required under Part 4 of the EP&A Act 1979.

Under Clause 5.10 Heritage Conservation of Manly LEP 2013, development consent is required for any works that may include the following:

- a) *demolishing or moving any of the following or altering the exterior of any of the following (including, in the case of a building, making changes to its detail, fabric, finish or appearance)—*
  - (i) *a heritage item,*
  - (ii) *an Aboriginal object,*
  - (iii) *a building, work, relic or tree within a heritage conservation area,*
- b) *(altering a heritage item that is a building by making structural changes to its interior or by making changes to anything inside the item that is specified in Schedule 5 in relation to the item,*
- c) *disturbing or excavating an archaeological site while knowing, or having reasonable cause to suspect, that the disturbance or excavation will or is likely to result in a relic being discovered, exposed, moved, damaged or destroyed,*
- d) *disturbing or excavating an Aboriginal place of heritage significance,*
- e) *erecting a building on land—*
  - (i) *on which a heritage item is located or that is within a heritage conservation area, or*
  - (ii) *on which an Aboriginal object is located or that is within an Aboriginal place of heritage significance,*
- f) *subdividing land—*
  - (i) *on which a heritage item is located or that is within a heritage conservation area, or*
  - (ii) *on which an Aboriginal object is located or that is within an Aboriginal place of heritage significance.*

#### 2.4.2. EXISTING PLANNING APPROVAL

The site, and all ongoing operations, are governed and assessed under the Conditions of Planning Approval (CoPA) and the associated Site Wide Plans (SWP) which form part of the consent.

These include:

- Internal Fitout Plan (Part 1) (2005) Prepared by Paul Davies Architects PL and Cate Young Design (2006)
- Conservation Works Program (2006) Stage 1 Prepared by Mawland Construction PL.
- Moveable Heritage & Resource Collections Management Plan (2007). Prepared by Anne Cummins, Sydney Artefacts Conservation on behalf of Department of Environment and Conservation (DEC)

- Heritage Landscape Master Plan (2006). Prepared by Thompson Berrill Landscape Design in conjunction with Paul Davies PL & Arborcraft.
- Inscriptions Management Plan (2006). Prepared by Simon Macarthur, Mawland Construction PL
- Interpretation Plan (2006) Prepared by Simon Macarthur, Mawland Construction PL

Review of the Conditions of Planning Approval and Site Wide Plans provides an opportunity to streamline the process.

Original consent was a s60 for use and Conservation Works.

Under Section 57(1)(e) of the Heritage Act, an approval granted by the Heritage Council (Subdivision 1 of Division 3) is required for carrying out any development on land in relation to a listing on the State Heritage Register. A Section 60 application will be sought accordingly.

During the formal exhibition period, Heritage NSW will be provided with the opportunity to review the REF and associated documents and issue NPWS with comments which will inform NPWS' assessment and preparation of conditions.

A series of Site Wide Plans have been reviewed and updated and are currently awaiting endorsement. A schedule for updates of all reports is provided at Appendix D.

## 2.5. PUBLICATION

The REF will be published on NPWS' website as the proposed activity requires an approval under Section 57 of the Heritage Act. The REF will also be published on the Q Station website.

## 2.6. CULTURAL HERITAGE VALUES- HISTORIC HERITAGE VALUES

The historic heritage values of the site are identified in the current *North Head Quarantine Station, Conservation Management Plan* (CMP) prepared by Peter Freeman in 2000. The CMP provides the following primary Statement of Significance for the site:

*The North Head Quarantine Station [Study Area] is an integral element of the North Head peninsula. The Aboriginal and Natural values of the NHQS relate to the peninsula as a whole; and the European/Asian cultural values relate to the most of the peninsula, for the whole area was once Quarantine Reserve. The area represents a place of cultural and natural diversity reflecting the evolution of Sydney from Aboriginal occupation through European settlement to the landscape of today, representing many social, historic, recreational, environmental and educational values. The Heads maintain an iconic presence to the city as the gateway to Port Jackson and Sydney Harbour, and the city.*

*The Aboriginal heritage values of the North Head area are an intrinsic part of the significance of the place. Numerous Aboriginal traditions from various parts of the continent refer to and intermesh the creation of their natural and cultural environment; Sydney Harbour can be seen as the outcome of such a creative period. Aborigines were demonstrably present in the Sydney Basin many thousands of years before the present coastline was formed and would have experienced the actual creation of Port Jackson and Sydney Harbour with its rich and complex environment. The North Head area*



*along with the other areas that form Sydney Harbour National Park retain Aboriginal heritage values in a physical setting that is substantially intact although embedded in the important urban setting of Sydney.*

*On a national scale, the Port Jackson environment, including North Head, formed the scene of or backdrop for some of the earliest and formative interaction between Aborigines and the British explorers and settlers. Archaeological sites remnant at NHQS are seen as symbolising Aboriginal prehistory and contact history. Just as the Heads became a symbol to 'New' Australians of a possible new and better life, they are seen by many Aborigines as a symbol of their loss and disenfranchisement. Evidence of Aboriginal occupation is evident in more than forty recorded sites. An exceptional wealth of further information may be contained in the archaeology of the place and in particular in the Pleistocene sand dunes; the only undisturbed, vegetated high-level sand dunes in the Sydney region.*

*Rare and endangered species of flora and fauna are refuged at the place and in the wider area of North Head. Considered alone or ecologically as part of North Head, the Quarantine Station area includes significant geodiversity and biodiversity components of the natural heritage of New South Wales. The Station is situated on an isolated cliff-bound tied island complex formed by the interaction of strong bedrock and erosion associated with changes of sea level tens of thousands of years ago. The headland is capped by Pleistocene high-level sand dunes which also occur within the Station complex. The natural biodiversity consists of isolated, remnant and disjunct communities, populations and species, six of which are scheduled on the Threatened Species Conservation Act [NSW] 1995. In addition to the threatened plant species there are over 450 other species of vascular plants and ferns representing 109 plant families. This level of genetic diversity is remarkable and scientifically important.*

*The endangered population of Little Penguin is significant as the only population of this species which breeds on the mainland of NSW. The characteristics which have enabled this population to persist in one of the busiest commercial harbours in the world are important for scientific study. The endangered population of Long-nosed Bandicoot is also scientifically important as a remnant population of a species which was formerly common and widespread in the Sydney region. The few remaining trees of Camfields Stringybark are a significant component of the entire genetic resource of this vulnerable species.*

## 2.7. REFERENCES

The following documents have been referred to in this report;

Peter Freeman Pty Ltd et al. (Apr 2000) *Sydney Harbour National Park, North Head Quarantine Station, Conservation Management Plan, Volume 1, The Plan*, prepared for NSW National Parks and Wildlife Service

Paul Davies Pty Ltd et al. (Jul 2001) *Sydney Harbour National Park, North Head Quarantine Station, Detailed Area Conservation Management Plans, Volumes 1-6, Final Report, Submitted to NSW Heritage Office for Final Endorsement*, prepared for NSW National Parks and Wildlife Service

Department of Environment and Conservation (NSW). (2005). *North Head Quarantine Station Environmental Management Plan 2005. Version 12.*

Mawland Quarantine Station Pty Ltd. (2005) *Internal Fitout Plan (Part 1)* Prepared by Paul Davies Architects PL and Cate Young Design for Quarantine Station.

Mawland Quarantine Station Pty Ltd. (2006) *Conservation Works Program Stage 1* Prepared by Mawland Construction PL.

NSW National Parks & Wildlife Division, Department of Environment and Conservation (NSW). (2007) *North Head Quarantine Station Moveable Heritage & Resource Collections Management Plan*. Prepared by Anne Cummins, Sydney Artefacts Conservation on behalf of Department of Environment and Conservation (DEC)

Mawland Quarantine Station Pty Ltd. (2006) *Heritage Landscape Master Plan for the conservation and adaptive re-use of the North Head Quarantine Station*. Prepared by Thompson Berrill Landscape Design in conjunction with Paul Davies PL & Arborcraft.

Mawland Quarantine Station Pty Ltd. (2006) *Inscriptions Management Plan for the conservation and adaptive re-use of the North Head Quarantine Station*. Prepared by Simon Macarthur, Mawland Construction PL

Mawland Quarantine Station Pty Ltd. (2005) *Interpretation Plan for the conservation and adaptive re-use of the North Head Quarantine Station*. Prepared by Simon Macarthur, Mawland Construction PL

NSW National Parks and Wildlife Service (NPWS) "*Guidelines for preparing a Review of Environmental Factors*", 2021

NSW National Parks and Wildlife Service (NPWS), *Template for preparing a Review of Environmental Factors (REF)*

### 3. SITE DESCRIPTION

#### 3.1. THE SITE

The study area comprises Lot 100 DP1075571 at 1 North Head Scenic Drive, Manly.

The site is situated approximately 9km north east of the Sydney Central Business District (CBD) within the Northern Beaches Local Government Area (LGA).

Quarantine Station facilities currently comprise boutique hotel accommodation, wedding venues, conference facilities and a restaurant.

Refer Figure 3.1 Location Plan and Figure 3.2 Aerial Photograph.

#### 3.2. HERITAGE LISTINGS

Listing type	Item name and document details	Listing number
State heritage item	Quarantine Station and reserve Manly LEP 2013	I179
Local heritage item	North Head, Sydney Harbour National Park Manly LEP 2013	I175
Local heritage item	Quarantine Station stone cairn Manly LEP 2013	I177
Local heritage item	Quarantine Station stone walls Manly LEP 2013	I178
Local heritage item	Harbour foreshores Manly LEP 2013	I1
Local heritage item	Ocean foreshores Manly LEP 2013	I168
State Heritage Register	North Head Quarantine Station & Reserve State Heritage Register	01003
National Heritage List	North Head - Sydney	29



Figure 3.1 Location Map – SIX Maps



Figure 3.2 Aerial Photograph – SIX Maps

#### 4. SITE HISTORY

##### 4.1. HISTORICAL CONTEXT OF THE SITE

The site history is fully documented in the CMP 2000 and the DACMP 2005.

A historical overview of the European History of the Quarantine Station is presented in the following timeline, with reference to historical event and associated building which is extracted from the CMP 2000:

*1802 Governor King instigated the first quarantine system in Sydney*

*1814 Surrey becoming the first vessel to be quarantined with shore-based accommodation*

*1825 earlier British quarantine laws were repealed and consolidated in the British Quarantine Act*

*1828 the convict ship Morley transmits whooping cough to Sydney before quarantine effected by Governor's proclamation.*

*1828 the convict transport Bussorah Merchant quarantined at Neutral Bay, with her free passengers encamped ashore there, while the convicts and guard were landed at Spring Cove, North Head, marking the beginning of the use of the Quarantine Station site for that purpose.*

*1832 NSW enacts Australia's first quarantine legislation*

*1833 Governor Bourke proclaimed the land within a quarter of a mile of the shore at Spring Cove, North Head, a quarantine station*

*1837 The permanent establishment of buildings at the Quarantine Station at North Head.*

*Quarantine ground extended. IIIA1, IIIA2, IIIA3*

*1853 new building program began to expand accommodation. IIIA10, S6*

*1853 Select Committee on Quarantine Laws recommends continuing with the system.*

*1876 New buildings erected for Cabin Class passengers. P1, P2, P6, P9, P10*

*1881 Sydney smallpox epidemic; sick transferred to quarantine. Third Cemetery opened. VA1*

*1881 Royal Commission—new QS management arrangements, commencement of move towards uniform quarantine practices between the colonies, new construction from 1883 L2 (reservoir to replace the 1856 tank?), H1, P22, S1*

*1898-1902 'Asiatics' accommodation planned and constructed. P14-18 1900 Sydney plague epidemic- sick transferred to quarantine. New buildings for 'contacts' constructed. P11, P12, P13*

*1905 Reunion of 22 of the passengers of the Constitution at the QS, to place tablets on the memorial built in 1855. L9*

*1909 Quarantine transferred to Commonwealth control under the Quarantine Act 1908.*

*1911 North Head Quarantine Station transferred to the Commonwealth*

*1912-1920 extensive building program commenced by Commonwealth. A1-A9, A11-A12, A14-A17, A20, A24, A28-A29, H7- H11, P27, S7, S14, Site VIA2*

*1912 Berrys Bay Quarantine Depot established*

*1913 Sydney smallpox epidemic, led to complete withdrawal of State involvement in quarantine operations.*

*1918-1919 Influenza epidemic quarantine following WWI*

*1920 air transport quarantine instigated*

*1920 extensive building program commenced, and Station reached form it still has.*

*1921 Commonwealth Department of health created, and standardised responses to quarantine implemented at all stations.*

*1945-1950 Military occupation during World War II*

1957 Refurbishment to upgrade Station for increasing demands for aircraft quarantine. 11 buildings auctioned, two demolished, locomotive and wagons sold, basins installed in bedrooms, linings renewed, kitchens upgraded, mains water connected.

1972 29 air passengers quarantined for cholera

1973 Sakaki Maru the last ship to be quarantined 1974 213 Cyclone Tracy evacuees housed

1975 115 Vietnamese orphans housed

1977 125 Vietnamese refugees housed

1977 decision to upgrade Fairfield Infectious Diseases Hospital to deal with quarantinable diseases, and old quarantine stations progressively closed

1984 Quarantine Station closed and transferred to National Parks and Wildlife Service

1985 Conservation program commences

#### 4.1.1. OUTLINE OF CHANGES

The chronological development of the site is documented in the DACMP 2005 in the following stages:

*“Aboriginal Phase: pre-1828*

*Early European Phase [Phase III (i)]: 1828-1838*

*Immigration Phase [Phase III (ii)]: 1839-1872*

*Class-defined Accommodation Phase [Phase IV]: 1873-1880*

*Board of Health Phase [Phase V]: 1881-1909*

*Federal Responsibility Phase [Phase VI]: 1910-1950*

*Aviation Phase [Phase VII]: 1950-1983*

*National Park Phase: 1984 + “*

In 2006 the Mawland Group signed a lease with the NSW National Parks and Wildlife Service to run the site as 'Q Station', an accommodation, tours and events business. Works have been carried out in accordance CMP and DACMP policies under the current Planning Approval to facilitate this use.

In 2021, Q Station was acquired by North Head Sydney.

## 5. PHYSICAL ANALYSIS

### 5.1. THE CONTEXT

The context is fully described in the CMP 2000 and DACMP 2005. The following brief description of the context is extracted from the State Heritage Register.

*North Head is situated at the entrance to Sydney Harbour. It is a huge sandstone bluff rising eighty metres above sea level. At the time of settlement North Head was linked to the mainland by only a narrow sand spit that separated the harbour from the sea. Early depictions of North Head show the dramatic upheaval of the land form that sloped from the high cliffs on the eastern seaboard back to the protected waters of the harbour to the west. Today North Head appears as a natural extension of the Manly peninsula due the filling of medium rise building development on the low-lying land of the present-day site of Manly and the mature vegetation through that urban development. The Quarantine Station is situated on the western side of North Head, on the natural amphitheatre of land centred on Quarantine beach. The site was originally designated as all the land with a quarter-mile [500 metre] radius of the beach. The area is fringed by a continuous tract of bushland on the north, south and eastern sides, and by the harbour on the western side.*

## 5.2. THE SITE

The site and its various components are described in detail in the CMP 2000 and DACMPs 2005. The following brief description is extracted from the National Heritage Listing.

### *Cultural Landscape*

*The landscape of the Quarantine Station Precinct and Quarantine South Precinct comprise a cultural landscape heavily impacted by human activity. The Quarantine Station Precinct has three main groups of buildings: the wharf area; the foreshore buildings; the hospital group; and the buildings on the upper slopes. As a whole the station is set in bushland with cleared areas and some re-growth. The landscape is visually important to viewers from the harbour and from other headlands and from within North Head itself. A strong element in the landscape is the conscious and enforced classification of the land, based on health issues, class and race. This includes: the isolation of the hospital, seen, but not approached from many parts of the Station; the wharf and disinfection areas, which stood as a barrier between the inmates and the main line of escape, and the administration area, which guarded the land route out; the separation of the first, second and third class passengers, with the administration area interposed between third class and the rest, imposing class distinctions within the landscape; and the clear separation of the Asian accommodation, imposing a racial layer on top of class differentiation.*

*In addition, the cultural landscape includes cemeteries, monuments, fences, walls, boundary markers, obelisks and cairns as well as tracks, paths and roads which document the development and meaning of the Station. The approximate location of the first cemetery is at the junction of the wharf and hospital roads above Quarantine Beach (site 111A1, c. 1837-1853). The Second Cemetery (site L1, 1853-1881), east of the Third Class area in the Quarantine South Precinct, retains 3 headstones in situ, while the Third Cemetery (site VA1, 1881-1925) is located within the School of Artillery.*

*The Constitution Monument (site L9) commemorates the quarantining of the ship Constitution in 1855 and the 50 year reunion of survivors of this small pox outbreak. Located above the Third Class Precinct, the memorial was completed in 1855 to commemorate the ill-fated voyage. Like the inscriptions in the Wharf Area and at the 'Old Man's Hat', located in the Quarantine South Precinct, it is one of the more obvious memorials. The iconography used by inmates, in the 1,000 plus inscriptions, memorials and gravestones, including military personnel buried in the Quarantine Station cemeteries, is important in conveying the experiences of inmates and changing attitudes to race and class.*

*Fences and walls formed an integral part of the security and boundaries of the Station. Built in the 1930s Depression, ashlar sandstone walls show the subdivision of the Station at that time for hospital, recreation and military purposes (site L10 south east of the Quarantine Station). Of particular importance is the single remaining cairn (site 111A3, 1830s) denoting the line of cairns which identified the terrestrial line of quarantine at that time.*

### *Wharf Area*

*Quarantine Beach, around which the Wharf area developed, was the first area to be improved to regulate the risk of disease entering the colony. The area includes the following structures and features:*



- the sandstone and rubble wharf and timber jetty completed in its current form c. 1909. The seabed area around the end of the jetty may contain significant archaeological resources lost from quarantined ships.
- a group of inscriptions is clustered on the rock outcrops and south east slope of the Area. These began in the 1830s and continued throughout the life of the Station, with inscriptions in English, European languages and Arabic and Asian languages.
- the flat of the gully leading up from the wharf area contains: the brick Luggage Store and Examination Rooms (A14-A17, 1914-1915); the brick Disinfection Block and Powerhouse (A6-A7, 1912-1920), including autoclaves installed in 1917; timber buildings containing the Formalin Inhalation Chambers (A8, 1919) used to treat the 1918 Influenza victims; the brick Shower Blocks (A11-A12, 1912-1920) and Laundry (A9, 1912-1920). The chimney dominates the group, the uniform red brick of the group having a strong visual impact. The site of the first Doctor's Residence (site 111A2, c. 1838) has been identified on Cannae Point near the Mortuary.
- the site railway system and funicular to move luggage and supplies (1914-1915), based on a 2' 4" gauge, ran from the jetty to the escarpment via stone ramp, but is now broken at two points.
- the Cannae Point wooden Signal mast, first erected in the 1830s and restored in the 1980s, advertised incoming shipping of the quarantine conditions. Other shorter flag poles are located at Quarantine Beach and at the General Office within the Administrative Area.

#### *Hospital and Isolation Ward Area*

The exposure of the area as part of Cannae Point, selected for its windy location as a means of creating healthy conditions, has resulted in limited tree cover, with the buildings clearly visible. The buildings are clearly separated from the First and Second Class areas, with the Asiatics and Third Class accommodation located closest to the Hospital areas. The area contains rock inscriptions, some dating from as late as the 1960s.

The largest building within the area, the Hospital Ward Building (H1) is the c. 1883 timber framed, weatherboard building with encircling verandahs adapted c. 1912, when the adjacent brick Ward Building (H2) and timber Changing Block (H3), Doctor's and Nurses Block (H4), Kitchen (H5) and Assistant's Quarters (H5) were completed. A covered walkway with handrails and cross bracing links the individual buildings. The alterations to the Hospital Ward Building included Federation features such as coloured glass and stucco and strapwork to the chimneys. The Isolation Wards (H7-11), also built c. 1912, comprise a group of domestic scale, weatherboard pavilions with corrugated, asbestos cement roof sheeting to the gabled roofs. The sites of several early buildings are situated in the Hospital Area. These include the early male and female wards, the early doctor's residence, the early cookhouse and officers' quarters.

#### *Third Class/Asiatics Area*

The Third Class and Asiatics Area is located above Quarantine Beach in the saddle area formerly known as the Healthy Ground. The saddle was one of two sites set aside for the separation of sick and healthy immigrants in 1838. The first buildings on the site formed a crescent above the present road. The site now contains a large Dormitory Block (c. 1833 P22), Kitchen and Dining Room (1912-1914 P27) and small freestanding toilet blocks for third class passengers (P28-P29) as well as a Staff

*Cottage (c. 1883 S9) and the three connected dormitories for Asiatic crew members with its freestanding kitchen block (1899-1900 P14-P16).*

*The group of buildings is usually viewed from the wharf and hospital precincts to the west; the Kitchen/Dining Rooms (P27) dominates the views as a, gabled, two-storey, weatherboard building with external, sandstone chimneys. The Dining Room retains much of the original equipment, including the kitchen dumb waiters. The three connected dormitories for Asiatic crew members with its freestanding kitchen block (P14-P16) is also of timber construction, however, the three spaces are separated by brick firewalls. The Third Class Dormitory (P22), also of timber construction, is a large bungalow style building with encircling verandahs on all sides. The large rooms have French doors leading onto the verandahs. The overriding character of the buildings stems from the Federation style architectural details employed in the stud-framed, weatherboard, rectangular forms with encircling verandahs and gabled roofs with open eaves and similar door and window openings. In all cases the buildings are supported on sandstone piers and footings.*

*Archaeological sites, including the positions of former structures, in the area are related to: sub-surface remains of the barracks style buildings erected in 1837; a store from the 1840s; two barracks from the 1850s; two doctor's residences from 1837; cookhouses from the 1840s-1850s; a store from the 1880s; Asiatics latrines from c. 1899; and a lock-up cell, temporary staff quarters, an early road formation and early pathways.*

#### *First Class Area*

*The First Class Area sits above Spring Cove at the centre of the quarantine complex. The buildings are arranged along a north-south axis formed by a central roadway which connects to the Second Class Area. Originally enclosed by a 6 foot fence, the area reached its present form by the 1890s when a Men's Smoking Room (P3), Ladies Sitting Room (P7), Meat Store (P4), Ironing Room (P36), Kitchen and Staff Quarters (P6 and P13) and telephone office, croquet lawn (P11) and other ancillary facilities such as an ablution block were completed.*

*A high standard of accommodation was offered to First Class passengers at sea, a factor expressed in the superior buildings (P1, P2, P5, P9 and P10) with spacious accommodation, erected in the area from 1875 in the space of a few years. These buildings, although modest in their treatment, are appropriately sited to enable views from the verandahs and cooling breezes. The planning form of the barracks provided each room with internal corridor access to a communal, end sitting room with its own fireplace. External French doors provided each room with access to the bathrooms and communal dining and recreational facilities. The Dining Room was located at the centre of building P5. The Smoking Room and Ladies Room are a matched pair of rooms with similar features and proportions to the Dining Room.*

*The buildings and their weatherboard-lined interiors remain substantially intact. Landscape elements, such as pathways and plantings of pine trees on the south side enhance the longitudinal nature of the group.*

*Archaeological sites, including the positions of former structures, in the area are PV1A, PV1A3, PV1A4, PV1A5 and tennis court VA2.*

#### *Second Class Area*

*The Second Class Area is situated on the ridge between Store Beach and Spring Cove and includes Lyne's Buildings (Second Class Accommodation P11, P12 and P13 1901). The simple, bungalow style barracks (P11, P12), with 22 and 14 rooms respectively, and kitchen/dining room (P13) were erected in 1901 following the outbreak of plague. Timber framed and weatherboard clad, the barracks are similar in most respects to the earlier first class buildings (1875) and to third class building P22 (1882). Less refined in their detailing, the buildings illustrate aspects of the Federation styles, although this is not strongly expressed. The rooms are similar in many respects to the first class accommodation. Building P13 differs from the barracks in the use of a hipped roof. The only remaining stone cairn of the 1830s (site 111A3) is located in this area in addition to some inscriptions on exposed sandstone surfaces.*

#### *Administration Area*

*The present Administration Area was based around the Superintendents Residence (S6), a weatherboard cottage erected in 1853. Other elements include the Superintendent's Office (A1 1911-1912), the Staff Mess (A20 c. 1921), Stables and garage (A24 1911-1912) and the Recreation/Post and Telegraph Office (A25 c. 1900) initially erected as a billiard hall. Additional Staff Cottages were added in 1870 (S5), c. 1883 (S1 and S2), 1913 (S12), 1938 (S14) and after 1950 (S15 and S16). Other staff cottages include S4, S7 and S10.*

*The Superintendents Office building (A1) is a fine two-storey building with a strong architectural character. Building S5 was originally a duplex. Other buildings are essentially single-storey timber structures. Overall the area is not as homogeneous as the barracks style accommodation areas due to its topography however, the staff cottages are important in showing changes in living standards for staff. The area was out of bounds for many of the detainees and hence there is little evidence of inscriptions.*

*The area includes archaeological sites, including the sites of the temporary staff quarters (PV1A2), a lock-up (PV1S1) and the funicular railway station.*

### 5.3. CONDITION OF THE SITE

The condition of the site has been assessed and the latest audit report is attached at Appendix B and C.

The following defects were noted during the various site inspections carried out over the last two years.

#### The Landscape

- |    |   |
|----|---|
| L1 | There are some detracting elements in the landscape- shed, bollards, decking.           |
| L2 | Poor drainage in places, ponding of water, blocked stormwater drains and sumps.         |
| L3 | Erosion of grass areas adjacent to roads, and informal parking/ vehicular damage.       |
| L4 | Concrete kerbing is cracked and damaged in places due to vehicle impact and subsidence. |
| L5 | Loss of views with growth of vegetation.  |
| L6 | Rusting steel fencing posts and rails.  |
| L7 | Signage.  |

Buildings – General Maintenance Issues

- B1 Rotting decking boards
- B2 Rotting bearer ends, verandah framing
- B3 Rotting weatherboard
- B4 Rusting roof sheeting, deteriorating finish to concrete roof tiles
- B5 Some evidence of damp/ inadequate drainage around buildings
- B6 Rusting metal balustrade
- B7 Brick work in need of repointing
- B8 Rotting timber balustrades
- B9 Termite damage
- B10 Dislodged and rotted timber bargeboards and eaves linings
- B11 Paint finish to timber weatherboards, framing, bargeboards, eaves, corrugated sheet metal linings
- B12 Paint finish to timber window joinery and door joinery, loss of putty to glazing
- B13 Roof drainage inadequate- guttering joints failing, missing gutter brackets
- B14 Missing and leaking downpipes and rainwater heads
- B15 Erosion of sandstone piers
- B16 Rusting ant caps
- B17 Vegetation growth in masonry joints
- B18 Rusting light fittings and metal fixtures
- B19 Wharf structure in poor condition with deteriorating decking evident

Stone Cairn

- S1 Loose and dislodged stones

Inscriptions

The environmental threats to the inscriptions remain being physical weathering, chemical weathering, rock collapse and pigment loss. ICS Environmental assessment 2007 specified key elements within the physical and chemical weathering impact risks as follows- soil erosion- water run off from above areas, erosion of sandstone, Moreton bay figroot systems and water leaching from the stone. While a stonemasons report on the inscriptions was prepared in 2015 (Stonemason Report North Head Quarantine Inscriptions for The Quarantine Project, (The Archaeology and History of Quarantine, The University of Sydney) Sach Killam and Mathew Johnson 2015.)

The current condition of the inscriptions is not documented.

Brief inspection noted issues remaining including water runoff (I1)and vegetation (I2).

Moveable Heritage

NPWS has existing established procedures for the management of its collections which follow best practice museum standards. As the Quarantine Station collection remains owned by NPWS, NHS is to manage the collections in accordance with NPWS policies, procedures, standard forms and the Ehive Collection Management database. In 2020 the Ehive Collections Management database was reviewed in order to determine the content of the Quarantine Station collection, the size of the collection and the current situation with management of the database since the Quarantine Station was leased in 2007. In 2020 there are currently 840 object records with photographs on the database, and 1831 objects remaining to be photographed.

#### 5.4. CURRENT SITE OPERATIONS AND DAILY ACTIVITIES

The following operations occur on a regular basis at the Q Station site:

- Visitor access
- Visitor management
- Accommodation
- Food facilities and preparation
- Environmental

The continuation of the abovementioned site operations and activities is sought as part of this REF application.

These activities will continue to be undertaken in accordance with the management and mitigation measures listed within the relevant Site Wide Plan:

- Visitor access
  - Visitor Management Plan, March 2005 (Endorsed)
  - Environment and Heritage Site Wide Management 2023: Appendix 10 Access Strategy Sub Plan (Draft)
- Visitor management
  - Visitor Management Plan, March 2005 (Endorsed)
  - Environment and Heritage Site Wide Management 2023: Appendix 10 Access Strategy Sub Plan (Draft)
- Accommodation
  - Visitor Management Plan, March 2005 (Endorsed)
  - Infrastructure Control Plan Part 1, 2008 (Endorsed)
  - Interpretation Plan, 2005 (Endorsed)
  - Environment and Heritage Site Wide Management 2023: Appendix 10 Access Strategy Sub Plan (Draft)
  - Environment and Heritage Site Wide Management 2023: Appendix 7 Interpretation Control Sub Plan (Draft)
  - Environment and Heritage Site Wide Management 2023: Appendix 6 Infrastructure Control Sub Plan (Draft)
- Food facilities and preparation
  - Visitor Management Plan, March 2005 (Endorsed)
  - Infrastructure Control Plan Part 1, 2008 (Endorsed)
  - Environment and Heritage Site Wide Management 2023: Appendix 10 Access Strategy Sub Plan (Draft)
  - Environment and Heritage Site Wide Management 2023: Appendix 7 Interpretation Control Sub Plan (Draft)

- Environmental
  - Visitor Management Plan, March 2005 (Endorsed)
  - Infrastructure Control Plan Part 1, 2008 (Endorsed)
  - Interpretation Plan, 2005 (Endorsed)
  - Aboriginal Heritage Management Plan, 2009 (Endorsed)
  - Movable Heritage and Resource Collection Plan, 2007 (Endorsed)
  - Sampling and Asbestos Strategy, 2005 (Endorsed)
  - Environment and Heritage Site Wide Management 2023: Appendix 14 Asbestos Sampling Management Strategy (Draft)
  - Environment and Heritage Site Wide Management 2023: Appendix 8 Moveable Heritage Collection Sub Plan (Draft)
  - Environment and Heritage Site Wide Management 2023: Appendix 7 Interpretation Control Sub Plan (Draft)
  - Environment and Heritage Site Wide Management 2023: Appendix 6 Infrastructure Control Sub Plan (Draft)
  - Environment and Heritage Site Wide Management 2023: Appendix 3 Aboriginal Heritage Management Sub Plan (Draft)

## 6. SIGNIFICANCE

### 6.1. STATEMENT OF SIGNIFICANCE

#### 6.1.1. NHL STATEMENT OF SIGNIFICANCE

The Statement of Significance (SoS) from the National Heritage Listing is as follows:

*“North Head is important as the northern expression of the seaward entrance to Sydney Harbour (Port Jackson) and played a major role in the cultural and military life of the colony of New South Wales, following the arrival of the First Fleet in 1788. The ‘Heads’, have signified arrival and departure at Port Jackson since 1788 and are recognised as important, iconic, national landmarks. North Head was portrayed by artists such as Augustus Earle as early as 1825. In 1812 the ‘Heads’ were referred to as the ‘Port Jackson Heads’, later as the ‘Sydney Heads’. The Sydney Heads have iconic status for aesthetic values as landmarks in their own right, but equally as part of the setting for Sydney and its harbour.*

*North Head is important for its association with the establishment of quarantine in the colony of NSW and with Australia’s development as an island-nation, susceptible to ship-borne disease. The isolation and strategic role of North Head was recognised in 1828 when the first vessel, the Bussorab Merchant, was quarantined at Spring Cove. The importance and future role of North Head was reinforced by Governor Darling’s Quarantine Act of 1832, in response to the cholera epidemic in Europe in 1830. In 1832 the whole of North Head was set aside for quarantine purposes. North Head has a rich and diverse character which stems from the layering and aggregation of uses that overlay the relict and evolving cultural landscape of the Quarantine Station. The assemblage includes cemeteries, carvings and engravings which are a record of the station’s history and the diverse cultural and social backgrounds of quarantined passengers, including class and ethnicity. Archaeological sites within the Quarantine Station, and in other areas of North Head, have the potential to add to our understanding of the development and operation of nineteenth century quarantine practices and procedures from the 1830s-1870s, and in particular from the 1830s-1850s, a formative period for quarantine practices in the Australian colonies. The potential for archaeological investigation extends to the former mooring areas and littoral zones at Quarantine Cove, where vessels were cleansed before being returned to their owners, and to Stores Beach.*

*The North Head Quarantine Station is important, in conjunction with the Quarantine Station at Point Nepean, in illustrating the evolution and development of quarantine practices employed at Stations in other states.*

*The North Head Quarantine Station, excluding the Seamen’s Hospital, comprises the oldest and most intact example of quarantine facilities in Australia. The North Head Quarantine Station has the longest history (1828-1977) of quarantine use in Australia and provides the best evidence in Australia of the impact of changing social attitudes and scientific demands on quarantine from the 1830s-1980s, as well as the human story of quarantine. Over 13,000 persons, including convicts and free migrants, were to pass through the Station before its closure in 1977. The Quarantine Station was used for returning soldiers during WW1 and WW2, prisoners of war, evacuees from Cyclone Tracy in 1974 and refugees from Vietnam in 1975. The Station is particularly associated with the development of health policy by the NSW and Commonwealth governments during the nineteenth and early twentieth centuries, including the treatment of plague and Spanish influenza victims. The station was closely associated with the smallpox epidemic of 1881, which resulted in*

*better facilities, including a new hospital, and stricter zoning by fences, including a separate Asiatics' area in response to requests from the Shipping Owners Association. In this respect the Station is an expression of the gradual implementation during the 1880s of Immigration Restriction Acts in the colonies as an expression of the white-Australia policy.*

*The major groups of buildings, erected 1873-1909 and 1910-1920, although contemporary with surviving complexes in other states, are rare in terms of the range of buildings and their relative intactness. The Superintendents Residence at North Head, erected in 1854, appears to be the earliest surviving purpose built quarantine related structure in Australia. The Quarantine Station is important in demonstrating the principal characteristics and development of quarantine stations in Australia during the nineteenth and early twentieth centuries. The principal characteristics, in addition to its location at the entrance to port and its physical isolation, include the conscious and enforced classification of the land, based on health issues, class and race and the institutional nature of the place. This included the isolation of the hospital, seen, but not approached from many parts of the Station; the Wharf and Disinfection areas, which stood as a barrier between the inmates and the main line of escape, and the Administration Area, which guarded the land route out; the separation of the First, Second and Third class passengers into barracks style accommodation in different areas, with the administration area interposed between Third Class and the rest, imposing class distinctions within the landscape; and the clear separation of the Asian Accommodation, imposing a racial layer on top of class differentiation. The cultural landscape includes cemeteries, monuments, fences, walls, boundary markers and cairns as well as tracks, paths and roads which document the development and meaning of the Station and reinforce the sense of segregation and isolation. Fences and stone walls characteristically formed an integral part of the security and boundaries of the Station. Specific responses to functional needs and the development of health practices and procedures designed to protect the colony, State and Nation from infectious diseases created a significant cultural landscape. The landscape was one of controlled movement with well defined groups of buildings set in precincts, reinforced by the institutional nature of the buildings and the unity of their design."*

Figure 6.1 – NHL Map.





Figure 6.1 National Heritage List – Department of the Environment and Heritage

### 6.1.2. SHR STATEMENT OF SIGNIFICANCE

The Statement of Significance (SoS) from the SHR statutory listing is as follows:

*"The North Head Quarantine Station [Study Area] is an integral element of the North Head peninsula. The Aboriginal and Natural values of the NHQS relate to the peninsula as a whole; and the European/Asian cultural values relate to the most of the peninsula, for the whole area was once Quarantine Reserve. The area represents a place of cultural and natural diversity reflecting the evolution of Sydney from Aboriginal occupation through European settlement to the landscape of today, representing many social, historic, recreational, environmental and educational values. The Heads maintain an iconic presence to the city as the gateway to Port Jackson and Sydney Harbour, and the city.*

*The Aboriginal heritage values of the North Head area are an intrinsic part of the significance of the place. Numerous Aboriginal traditions from various parts of the continent refer to and intermesh the creation of their natural and cultural environment; Sydney Harbour can be seen as the outcome of such a creative period. Aborigines were demonstrably present in the Sydney Basin many thousands of years before the present coastline was formed and would have experienced the actual creation of Port Jackson and Sydney Harbour with its rich and complex environment. The North Head area along with the other areas that form Sydney Harbour National Park retain Aboriginal heritage values in a physical setting that is substantially intact although embedded in the important urban setting of Sydney.*

*On a national scale, the Port Jackson environment, including North Head, formed the scene of or backdrop for some of the earliest and formative interaction between Aborigines and the British explorers and settlers. Archaeological sites remnant at NHQS are seen as symbolising Aboriginal prehistory and contact history. Just as the Heads became a symbol to 'New' Australians of a possible new and better life, they are seen by many Aborigines as a symbol of their loss and disenfranchisement. Evidence of Aboriginal occupation is evident in more than forty recorded sites. An exceptional wealth of further information may be contained in the archaeology of the place and in particular in the Pleistocene sand dunes; the only undisturbed, vegetated high-level sand dunes in the Sydney region.*

*Rare and endangered species of flora and fauna are refuged at the place and in the wider area of North Head. Considered alone or ecologically as part of North Head, the Quarantine Station area includes significant geodiversity and biodiversity components of the natural heritage of New South Wales. The Station is situated on an isolated cliff-bound tied island complex formed by the interaction of strong bedrock and erosion associated with changes of sea level tens of thousands of years ago. The headland is capped by Pleistocene high-level sand dunes which also occur within the Station complex.*

*The natural biodiversity consists of isolated, remnant and disjunct communities, populations and species, six of which are scheduled on the Threatened Species Conservation Act [NSW] 1995. In addition to the Threatened plant species there are over 450 other species of vascular plants and ferns representing 109 plant families. This level of genetic diversity is remarkable and scientifically important.*

*The endangered population of Little Penguin is significant as the only population of this species which breeds on the mainland of NSW. The characteristics which have enabled this population to persist in one of the busiest commercial harbours in the world are important for scientific study. The*

*endangered population of Long-nosed Bandicoot is also scientifically important as a remnant population of a specie which was formerly common and widespread in the Sydney region. The few remaining trees of Camfields Stringybark are a significant component of the entire genetic resource of this vulnerable species.*

#### *NORTH HEAD QUARANTINE STATION*

*The Quarantine Station occupies the first site officially designated as a place of Quarantine for people entering Australia. It is the nation's oldest and most intact facility of its type and can thus be ascribed national significance. Together with Point Nepean Station, and in terms of the story of quarantine and its role in controlled migration to*

*Australia, the two Stations have to be considered as being nationally significant quarantine sites. The Station's use remained essentially unchanged from 1828 to 1984, and all buildings and development on the site reflect the changing social and scientific demands of Quarantine during that period. The formation and development of the Quarantine Station relates directly to the growth of Australia as a remote island nation. It symbolises the distance travelled and perils faced by many immigrants who first stood on Australian soil at the Quarantine Station. The site has symbolic significance for these reasons.*

*The history of the site reflects the changing social and racial values of the Australian community and the development of medical practices in controlling infectious diseases. The site has historic significance in demonstrating and elucidating major themes in Australian history, immigration, the development of society and government, social welfare and health care, treatment of disease, transport and conservation. Evidence of the hardships experienced by European and Asian internees during their detention in Quarantine and the tragic deaths of some of them, is powerfully conveyed by the inscriptions on the gravestones, monuments and amongst the random inscriptions scattered throughout the site.*

*The rugged topography of the southern rock cliffs in the area of the Old Mans Hat, where the power of the sea is manifest, and where the healthy and sick internees sought relief from the confinement of the Quarantine Station, contrasts strongly with the sanctuary of Quarantine and Store Beaches, where European vessels were first quarantine and from where the food gathering and cultural activities of Aboriginal people were abruptly halted. The views to the Station [and North Head] from the city of Sydney; and from the Station down the length of Port Jackson are significant for their iconic value.*

*The class system which permeated Colonial society in this country is illustrated clearly in the extant building fabric and in cultural landscape which contains the subtle evidence of the fences and paths which were contrived to maintain absolute separation between the classes and races, and between the healthy and the sick, the dying and the dead, at the Quarantine Station. The whole place displays evidence of natural systems, historic built forms and historical associations with the experience of quarantine have been retained largely intact due to its relative isolation on North Head."*

Figure 6.2 – SHR Map.

Heritage Council of New South Wales



State Heritage Register - SHR 01003, Plan 2002  
North Head Quarantine Station & Reserve

Gazettal Date: 02/04/1999



Scale: 1:7,000  
Datum/Projection: GCS GDA 1994



Legend

- SHR Curtilage
- Roads
- Land Parcels
- LGAS
- Suburbs

Figure 6.2 State Heritage Register Map – Heritage Council of New South Wales

### 6.1.3. MANLY LEP STATEMENTS OF SIGNIFICANCE

The Statement of Significance (SoS) from the LEP statutory listing for Quarantine Station and reserve (I179) is as follows:

*"The spacious site has its buildings well laid out, excellent use being made of the natural contours of the site. Station is originally self contained with its own heating and lighting services and mechanical facilities. Laundry is a fine example of a nineteenth century industrial layout still operating. Buildings have undergone very little change since original construction eighty years ago. Rock carvings are of great historical and social interest concerning the early days of the colony and an effort should be made to preserve them. This site was the major quarantine station for Australia and was in use during period of greatest migration by sea from 1900 till the 1960s. Important social document reflecting patterns of immigration, overseas military action, maritime history and health matters (especially bubonic plague of 1900-01, responsible for over 100 burials here). This cemetery is the last of four sites on North Head used for quarantine burials and only one gravestone remains from the many which once existed on the other sites."*

The Statement of Significance (SoS) from the LEP statutory listing for North Head, Sydney Harbour National Park (I175)

is as follows:

*"North Head is an area of great cultural richness, diversity and natural interest. As a natural landmark feature defining the entrance to Sydney Harbour, North Head has iconic status for its social and aesthetic values. The dedication of North Head by the New South Wales and Commonwealth governments to quarantine and defence uses, and the establishment of park reserves, has resulted in the survival of many of the headland's geological features, flora and fauna in a landscape with rich cultural associations. North Head has been described (together with Dobroyd Head) as "the most precious parts of Sydney Harbour National Park" which "contain the most extensive heath and scrub vegetation around Sydney Harbour, much of it in almost undisturbed condition". Views from North Head and individual sites and places within the peninsular are important for their historic, cultural, aesthetic, social, natural and symbolic values. From the beginning of European exploration and settlement, North Head has played a major role at the entrance to Port Jackson in the development of Sydney and the establishment of the colony of NSW and Australia. North Head is symbolic as the pre-eminent point of arrival and departure in Sydney and NSW for much of the period since 1788. North Head was part of the setting for some of the earliest interaction between Aboriginal people and British settlers and explorers. Such interaction included the capture of Benelong at Collins Beach in 1789."*

The Statement of Significance (SoS) from the LEP statutory listing for Quarantine Station stone cairn (I177) is as follows:

*"Last boundary marker of earliest Quarantine settlement site on North Head."*

The Statement of Significance (SoS) from the LEP statutory listing for Quarantine Station stone walls (I178) is as follows:

*"Part of the Quarantine Station."*

The Statement of Significance (SoS) from the LEP statutory listing for Harbour foreshores (I1) could not be located.

The Statement of Significance (SoS) from the LEP statutory listing for Ocean foreshores (I168) is as follows:

*“Natural landscape. Part of coastal zone east coast of Australia. Part entrance to Sydney Harbour. Listed due to its aesthetic, historic, and scientific significance to the area.”*

Figure 6.3 – LEP Map.

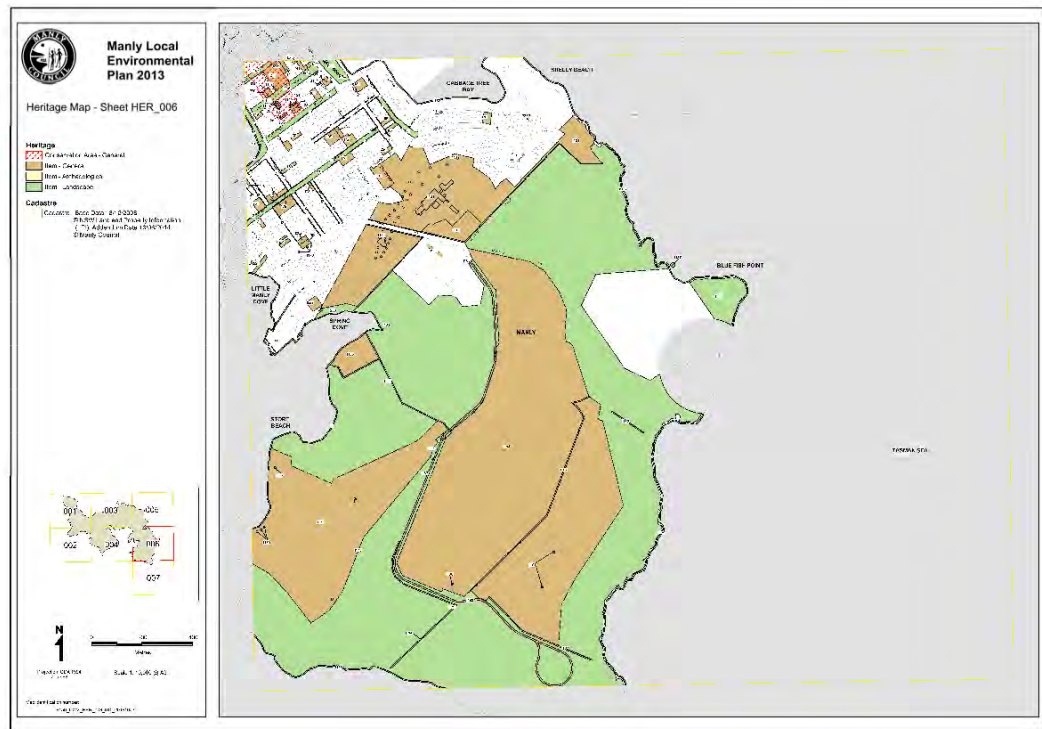


Figure 6.3 Heritage Map – Manly Local Environmental Plan 2013

## 6.2. GRADING OF SIGNIFICANCE

The DACMP 2001 provided the following grading of significance for the individual components of the site:

Figure 6.4 –Grading of Significance Map.

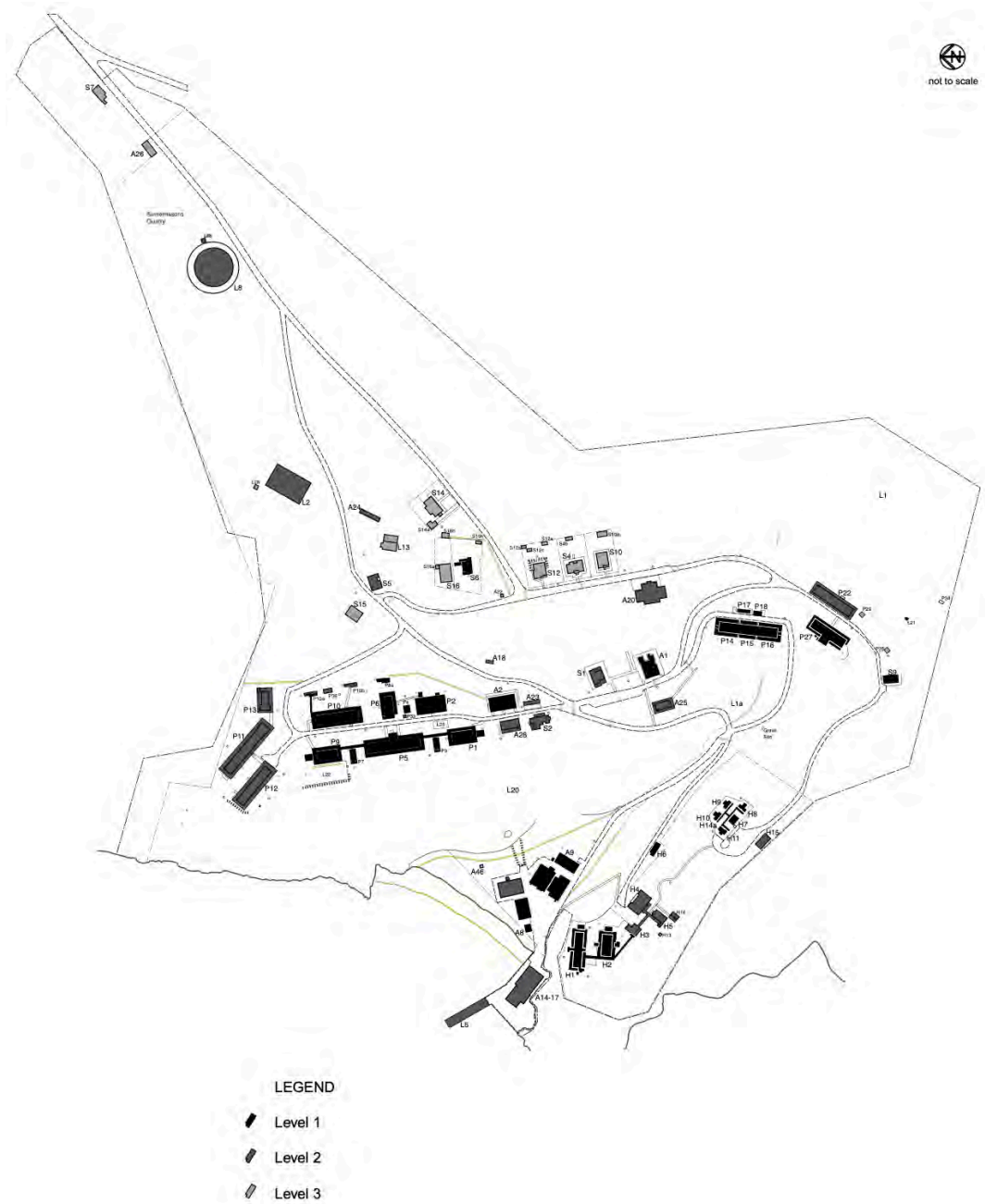


Figure 6.4 Building Significance Plan – DACMP 2001

## 7. THE PROPOSAL

The proposal is for the continued operation of North Head Quarantine Station after the Current Condition of Planning Approval (CoPA) lapses on 23 December 2024. The Review of Environmental Factors seeks approval to extend the operation from 2024 to 2050, without introducing new uses beyond the current Key Site Activities as defined in the existing conditions of approval.

The proposal involves the following scope of works:

1. Ongoing operation of the Quarantine Station beyond 2024, until 2050
2. Rationalise the requirements under the current planning approval in order to provide a streamlined, more contemporary, and more workable approval for both NHS and NPWS

No physical works are proposed. No demolition, excavation, new landscape works or change of use is proposed as part of this application.

### 7.1. PROPOSED CHANGES TO CONDITIONS OF PLANNING APPROVAL (COPA)

The Conditions of Planning Approval (CoPA) relating to the management of the cultural heritage of Q Station have been reviewed and amendments are proposed. The amendments generally relate to deletion of conditions which have been satisfied in the establishment of the heritage management documents and Site Wide Plans in the first Stages of the conservation and adaptation of the site by Mawland PL. Conditions requiring the periodic review of the heritage management framework documents have been retained.

The recommended amendments are attached to this document at Appendix A.

## 8. ASSESSMENT OF HERITAGE IMPACT

### 8.1. ASSESSMENT OF HERITAGE IMPACT USING THE DPE (2023) GUIDELINES

The Department of Planning and Environment provides the following guidelines as a prompt to assess the impact of a proposed development.

#### Matters for Consideration

##### 8.1.1. FABRIC AND SPATIAL ARRANGEMENTS

The requirement to undertake conservation works at the North Head Quarantine Station is driven by policies within the Conservation Management Plan (CMP) and Detailed Area Conservation Management Plans (DACMP) for the site. Conservation works are a fundamental requirement of the Conditions of Approval (see CoPA 31 – 34, 68e, 71g, 77 – 84, 86, 92c, 95d, 106f, 111, 217d) and are written into the lease for the property.

The ongoing operation of the site will not result in adverse impacts on significant fabric and spatial arrangements because the approval requires new work to be carried out in accordance with Site wide plans including Conservation Works Plan and Interior Fitout Plan. These plans were developed in the context of the CMP and DA CMP to ensure heritage values are retained.

The Conservation Works Program (2006) Stage 1 Prepared by Mawland Construction PL was approved in 2006 and remains current. The efficacy of the CWP Plan and Interior fitout plan in retaining heritage values is evidenced in the current building fabric.



Conservation Works implementation is monitored by the Integrated Monitoring and Adaptive Management System (IMAMS) which identifies 29 cultural indicators to ensure cultural heritage (buildings, landscape, infrastructure moveable heritage and aboriginal sites) is maintained in good condition.

The current condition of the building and infrastructure has been found to be good to fair. Specific indicators show that in some locations, the cultural heritage has not been maintained in good condition. The indicators are: roof deterioration, sandstone pillars, brick mortar requiring repointing, termite presence, dry rot in verandah timbers, loose and damaged sections, cracked and peeling painted wooden surfaces, interior and exterior rusting elements, building drains, stormwater drains, ground settlement, road edges, wharf planking, and fencing.

These indicators primarily relate to site drainage, management of stormwater drainage, brick pointing, vegetation in masonry joints. erosion of sandstone, exposure of timber elements to the weather with inadequate upkeep of paint finishes. Action is required to address these issues.

An updated CWP is currently being prepared by Paul Davies. This will ensure the ongoing protection of the fabric. The new plan will be subject to approval prior to implementation.

The threats and impacts to the inscriptions and their surrounds were identified in 2006 Inscriptions Management plan and in the Environmental Assessment completed by ICS in the Wharf precinct in 2007. To protect the fabric Inscriptions an updated Inscriptions Management Plan is required to be implemented, and the following is recommended - create an inscriptions catalogue document, develop a significance Assessment policy to identify key inscriptions, develop Maintenance and Monitoring policy and procedure document.

#### 8.1.2. SETTING, VIEWS AND VISTAS

Significant views and vistas have been protected by the strict control of built form and landscape character. There is a threat to some historic views of the harbour by unchecked vegetation growth. This potential impact will be mitigated by judicious pruning and thinning of vegetation in areas where an impact on identified historic views has been identified.

#### 8.1.3. LANDSCAPE

The ongoing operations will have a low impact on the landscape of the site because they are proposed to occur in the context of the site wide plans developed to protect the identified cultural heritage values in response to the original conditions of planning approval.

The approved Heritage Landscape Master Plan (2006), prepared by Thompson Berrill Landscape Design in conjunction with Paul Davies PL & Arborcraft was reviewed and approved by DEC and Heritage Council of NSW in September 2006. This document has guided the Landscape of the site since 2006 and remains current. This document has protected the significance of the landscape over the last 18 years.

A review of the Heritage Landscape Master Plan is overdue.

While the original vision remains relevant, it can evolve with cultural shifts that have occurred such as greater indigenous acknowledgement, landscape appreciation, multicultural and environmental considerations. Paul Davies is currently updating the DACMP, which will guide the development of a revised Heritage Landscape Masterplan for the site, to reflect these considerations along with the new leaseholder's aspirations.

The Heritage Landscape Master Plan should be reviewed, revised, and approved.

#### 8.1.4. USE

This application seeks approval to extend the operation from 2024 to 2050, without introducing new uses beyond the current Key Site Activities as defined in the existing conditions of approval. No heritage impacts are anticipated.

#### 8.1.5. DEMOLITION

No demolition is proposed.

#### 8.1.6. CURTILAGE

Potential Impacts to the identified curtilage are controlled by the various SWP's. The layout of the site divided into distinct precincts of established character will continue. There is limited potential for new building under the current approval and no change is proposed in the REF. The current approved uses are to continue and no impact on curtilage is anticipated. The built elements will remain in the outward appearance, with modification as proposed by previous SWPs allowed. Landscape elements such as open space, plantings, and areas of native vegetation are retained under the REF. No impact on curtilage is anticipated.

#### 8.1.7. MOVEABLE HERITAGE

The lease includes a large, on-site movable heritage collection. The CMP policy recommended the moveable heritage collection be documented and its significance assessed by preparing a Movable Heritage Plan. Conditions of approval specific to the movable heritage collection were included within the CoPA. Both the lease and the CoPA for the adaptive reuse specify that a Movable Heritage Collection Sub-Plan is required to provide guidance for the management of the collection. Moveable Heritage & Resource Collections Management Plan (2007), prepared by Anne Cummins, Sydney Artefacts Conservation on behalf of DEC., was approved by the Deputy Director-General Parks and Wildlife Division on 20 April 2007 and the Executive Director, Heritage Office for the Department on 10 August 2007. The co-proponents commenced implementation of the plan once it was approved.

The implementation of the Plan is evidenced in the secure storage of the collection items in P14. Additional items are utilised in the tour buildings and through the Visitor Centre Museum. Ongoing management is undertaken in Ehive.

CoPA 89 requires that the plan be regularly reviewed and revised. A revised plan was prepared in 2021, and it was reviewed in 2023. The revised plan describes the Collection Management record keeping system, Ehive and a review of the database in 2020. Condition information about each item in the collection is available in the Ehive database. The Collection Management Policies and procedures are provided. Building fabric sample guidelines are provided. The revised plan includes recommendations to implement this over 2023-2024 and provides protocols and guidelines for the display and loan of items

from the collection. The revised plan provides clear guidance to manage the display, storage, loan and public access to the collection, and clear instruction on the need for inductions for new staff to include the requirements for compliant management of the collection.

#### 8.1.8. ABORIGINAL CULTURAL HERITAGE

The heritage listing of the item does identify Aboriginal cultural heritage values.

AMBS Ecology & Heritage (AMBS) was commissioned by North Head Sydney Pty Ltd to prepare an Aboriginal Heritage Due Diligence Assessment report (2024) to inform the subject REF. An inspection of the study area was undertaken on Wednesday 22 May 2024 by AMBS Archaeologists.

AMBS consulted with local Aboriginal Traditional Custodian Dennis Foley in 2021 and 2022. More recently, North Head Sydney Pty Ltd has engaged with Mr Foley to regarding the Conservation Works Programme for the site, and received his endorsement on 4 March 2024. Mr Foley was contacted on 28 March 2024, however no feedback has been received to date.

There are no Aboriginal heritage items or places within the study area listed on the NHL or CHL. Twelve AHIMS sites have previously been within the study area, three of which are re-recordings. The "Guringai Resting Place – Quarantine Station" is listed on the SHR as a culturally sensitive site, located within the Sydney Harbour National Park.

The historic sequence of vegetation clearing, building construction, and infrastructure development up to 1954 would have had an impact on any Aboriginal archaeological sites.

There have been a number of archaeological investigations previously undertaken in the vicinity of the study area since 1974.

Recent monitoring of Aboriginal heritage sites at the Quarantine Station is presented in the *Annual Monitoring Report 2023: Quarantine Station – Sydney Harbour NP Integrated Monitoring Program* (NPWS 2023).

12 Aboriginal heritage sites, three of which are re-recordings, have previously been recorded within the study area. These sites comprise AHIMS site #45-6-2859 an artefact site, AHIMS site #45-6-1846 a shelter with art site, AHIMS site #45-6-2858 a PAD site, AHIMS site #45-6-2860 a midden site, AHIMS site #45-6-1466 a midden site, AHIMS site #45-6-1465 a shelter with midden site, AHIMS site #45-6-1461 a midden site, AHIMS site #45-6-2856 an open camp site with flaked glass, and AHIMS site #45-6-2149 an open camp site. Sites associated with artefacts are the most frequent site types previously recorded in the local area, followed by sites associated with shelters and then midden sites. AHIMS sites 45-6-2859, 45-6-2860 and 45-6-2149 were observed to have been significantly impacted by natural erosion/disturbance to the point where there was no visible expression of cultural heritage values and no recommended mitigation measures are required.

Activities associated with the current daily operation of the Q Station which have potential to impact on identified Aboriginal heritage sites in the study area are identified and mitigation measures proposed.

- Maintenance of restricting fencing and appropriate restrictive signage
- Restrictive mowing or weeding
- Routine employment inductions

The report recommends as there are no construction or other groundbreaking works proposed for the study area and this assessment is assessing continuation of the Q Station's current operations, there are no additional constraints to the current operations arising from considerations of Aboriginal cultural heritage and archaeology.

#### 8.1.9. HISTORICAL ARCHAEOLOGY

The heritage listing of the item does identify Archaeological potential. *Archaeological sites within the Quarantine Station, and in other areas of North Head, have the potential to add to our understanding of the development and operation of nineteenth century quarantine practices and procedures from the 1830s-1870s, and in particular from the 1830s-1850s, a formative period for quarantine practices in the Australian colonies.*

Refer Archaeological Assessment report for an assessment of impact on these values.

#### 8.1.10. NATURAL HERITAGE

The heritage listing identifies the heritage item as a place of natural heritage values.

Refer Ecological report for assessments of impacts to the identified natural heritage values.

#### 8.1.11. CONSERVATION AREAS

NA

#### 8.1.12. CUMULATIVE IMPACTS

The proposed works as part of this application are related to the previous approval and conditions (CoPA), a master plan and a comprehensive set of Site Wide Plans which have been in place since 2006-7. The SWPs are due for update.

The following positive cumulative impacts of the works is anticipated:

The ongoing commercial use of the site will continue to support the conservation of fabric.

The ongoing commercial use of the site will support the interpretation of the site and its public accessibility.

The continuation of the current site uses will minimise the extent of works required to upgrade the buildings and site.

Implementation of strategy to monitor and protect the Inscriptions

Ongoing documentation of Moveable Heritage Resource.

The following negative cumulative impacts of the works is anticipated:

Potential for the incremental loss of fabric with upgrades.

Use of the buildings will result in wear and tear.

The potential negative cumulative impacts will be mitigated by the implementation of the CoPA which include updated internal fitout plan and requirement for regular audits of the site to monitor condition.

#### 8.1.13. THE CONSERVATION MANAGEMENT PLAN

The approved works that form part of the CoPA were assessed and approved against relevant policies of the conservation management plan (CMP) 2000 and DACMP (2001). The policies of the conservation management plan (CMP) 2000 and DACMP (2001) have guided the development of the set of SWP's that have been developed to protect the heritage resource.

#### 8.1.14. OTHER HERITAGE ITEMS IN THE VICINITY

The site is located in the vicinity of other heritage items including I175 North Head, I178 Quarantine Station stone walls, I1 Harbour foreshores, I168 Ocean Foreshores, and I183 North Head Scenic Drive (roadway).

The proposed continuation of the use and changes to the CoPA will not have any direct or indirect impacts to the significance of the heritage items in the vicinity because no substantial change to the use, landscape and historic heritage of the site is anticipated.

#### 8.1.15. COMMONWEALTH/NATIONAL HERITAGE SIGNIFICANCE

North Head-Sydney is included on the National Heritage List which is created under the EPBC Act. Approval under the EPBC Act is required for any action occurring within, or outside, a National Heritage place that has, will have, or is likely to have a significant impact on the National Heritage values of the National Heritage place.

The EPBC Act includes a process for assessment of proposed actions that have, or are likely to have, a significant impact on matters of National environmental significance. These actions require referral and approval from the Commonwealth Minister, Environment and Heritage and the potential impacts are considered under: Matters of National Environmental Significance; Significant impact guidelines 1.1

##### Significant impact criteria

An action is likely to have a significant impact on the National Heritage values of a National Heritage place if there is a real chance or possibility that it will cause:

- *one or more of the National Heritage values to be lost*
- *one or more of the National Heritage values to be degraded or damaged, or*
- *one or more of the National Heritage values to be notably altered, modified, obscured or diminished.*

An assessment of the potential impacts of the proposal against the National Heritage Values is set out in the table below:

National Heritage Value	Assessment of Potential Impact
<i>Northern expression of the seaward entrance to Sydney Harbour The 'Heads', have signified arrival and departure at Port Jackson since 1788</i>	<p>North Head provides the seaward entrance to Sydney Harbour which is enhanced by the retention of the natural environment and cultural landscape of Quarantine Station. The operation of the site under the current CoPA has protected this landscape and it is considered that the proposed continuation of operations will not impact on this aspect of significance.</p> <p>Views to south Head and the harbour entry are retained in the Hospital precinct, and will continue to be retained under the proposal.</p> <p>The continued operation of the site and the proposed modifications of the CoPA will have no impact on this national heritage value.</p> <p>The Wharf precinct has been protected and will continue to be protected with the ongoing operation of the site under DACMP. The ongoing operation of the site will provide an opportunity for continued arrival by sea which enhances an understanding of the seaward entrance and arrival and departure at Port Jackson.</p>
<i>Association with the establishment of the colony of NSW and with Australia's development as an island-nation, susceptible to ship-borne disease.</i>	<p>The retention of the inscriptions, the wharf precinct, and also the hospital precinct and will continue to support an understanding of this heritage value.</p>
<i>illustrating the evolution and development of quarantine practices</i>	<p>The practice of isolation is evident in the retained character of the landscape and the separation of the precincts. The proposed continuation of operation of the site under the heritage management framework will not impact on this aspect of significance.</p>
<i>the oldest and most intact example of quarantine facilities in Australia.</i>	<p>The major groups of buildings, erected 1873-1909 and 1910-1920, remain legible and highly intact. The Superintendents Residence at North Head, erected in 1854, is also retained with a high degree of integrity. The continued operation of the site under the CoPA and associated documents will continue to protect these facilities.</p>
<i>provides the best evidence in Australia of the impact of changing social attitudes and scientific demands on quarantine</i>	<p>The site continues to evidence the impact of changing social attitudes and scientific demands on quarantine through the development of the different accommodation precincts, the hospital and isolation precincts, wharf facilities and the site layout.</p> <p>These changes are enhanced by interpretation and museum programs which are in need of update to remain relevant.</p>
<i>particularly associated with the development of health policy by the NSW and Commonwealth</i>	<p>The development of government health policy during the 19<sup>th</sup> and 20<sup>th</sup> centuries is evident in the museum presentations on site which were put in place over 15 years ago and are in need of update.</p>

<i>governments during the nineteenth and early twentieth centuries</i>	The ongoing operation of the site will justify expenditure on an upgrade of the interpretation program for the site.
<i>an expression of the gradual implementation during the 1880s of Immigration Restriction Acts</i>	The Immigration Restriction Acts are expressed on site through the segregation by race of accommodation buildings which are discernible in the building and site layout. This will not be impacted by the ongoing operation of the site.
<i>rich and diverse character which stems from the layering and aggregation of uses that overlay the relict and evolving cultural landscape of the Quarantine Station</i>	<p>Over the last 20 years, the landscape has retained the rich and diverse character which stems from the layering and aggregation of uses that overlay the relict and evolving cultural landscape of the Quarantine Station. The obelisk, roads, tracks, boundary markers, cemeteries, carvings and engravings, continue to record the station's history and the diverse cultural and social backgrounds of quarantined passengers.</p> <p>The evidence indicates that the heritage values of the place that relate to its setting and landscape have been protected and will continue to be protected if the operation of the site continues under the detailed heritage framework including the CMP, CoPA and SWPs.</p>
<i>The major groups of buildings, erected 1873-1909 and 1910-1920, although contemporary with surviving complexes in other states, are rare in terms of the range of buildings and their relative intactness. The Superintendents Residence at North Head, erected in 1854, appears to be the earliest surviving, purpose-built, quarantine-related structure in Australia.</i>	<p>Evidence on site following recent detailed inspections of the buildings and landscape reveals the success of the existing heritage management framework (CMPs SWPs CoPA) in protecting the heritage values embodied in the fabric.</p> <p>The major groups of buildings, erected 1873-1909 and 1910-1920, are retained, legible and highly intact, despite the modifications which have occurred to suit the approved use. The Superintendents Residence at North Head, erected in 1854, is also retained with a high degree of integrity.</p> <p>The operation of the site will continue occur under updated CoPA and SWPs.</p>
<i>Archaeological sites have the potential to add to our understanding of the development and operation of nineteenth century quarantine practices and procedures from the 1830s-1870s.</i>	<p>There is no evidence of the destruction or removal of archaeological deposits or artefacts since 2006.</p> <p>The potential for archaeological sites to add to the understanding of practices and procedures from 1830s-1870s remains.</p>

An assessment of whether the proposed action is likely to have a significant impact on historic heritage values of a National Heritage place is undertaken in the table below.

<i>Is a real chance or possibility that the action will:</i>	Assessment
<i>permanently remove, destroy, damage or substantially alter the fabric of a National Heritage place in a manner which is inconsistent with relevant values</i>	<p>The fabric of Quarantine Station will continue to be protected by the policies of the CMP and DACMP which seek to protect the identified heritage values of the place.</p> <p>Evidence on site following recent detailed inspections of the buildings and landscape reveals the success of the existing heritage management framework in protecting the heritage values embodied in the fabric. The major groups of buildings, erected 1873-1909 and 1910-1920, are retained, legible and and highly intact. The Superintendents Residence at North Head, erected in 1854, is also retained with a high degree of integrity.</p> <p>Works to the fabric of Quarantine Station will continue to be carried out in accordance with the CoPA and the SWPs which have been developed in order to protect the identified National Heritage Values.</p>
<i>extend, renovate, refurbish or substantially alter a National Heritage place in a manner which is inconsistent with relevant values</i>	<p>Evidence on site following recent detailed inspections of the buildings that have been refurbished, renovated and adapted for hotel, function and restaurant uses under the current CoPA, reveals the original interiors are retained in a manner that is legible. Original and early finishes and layouts are retained. Adaptation has occurred in the location of previous modification. Heritage values are retained.</p> <p>The buildings will continue to be refurbished in accordance with the polices of the CMP, the CopA, and the approved SWP- Internal Fitout Plan (Part 1) (2005) which ensure the identified heritage values of the place are retained and protected.</p>
<i>permanently remove, destroy, damage or substantially disturb archaeological deposits or artefacts in a National Heritage place</i>	<p>The proposed continued operation of the site will occur in accordance with the approved SWP's- Inscriptions Management Plan (2006), Moveable Heritage &amp; Resource Collections Management Plan (2007) which ensures the identified heritage values of the place are retained and protected.</p> <p>There is no evidence of the destruction or removal of archaeological deposits or artefacts since 2006.</p>



	<p>The potential for archaeological sites to add to the understanding of practices and procedures from 1830s-1870s remains.</p> <p>The potential for archaeological investigation in the former mooring areas and littoral zones remains.</p>
<i>involve activities in a National Heritage place with substantial and/or long-term impacts on its values</i>	The proposed activities are an extension of the approved uses. There is no evidence that the current hotel, function and restaurant uses have had substantial long term impacts on the values of the place. Refer to the table addressing the potential impacts on values above.
<i>involve the construction of buildings or other structures within, adjacent to, or within important sight lines of, a National Heritage place which are inconsistent with relevant values, and</i>	<p>New construction on the site is strictly limited to the reconstruction of former buildings in limited circumstances in accordance with the NHQS CMP (2000). The CMP and DACMP subsidiary policies on reconstruction CPP 8.1-10 apply and will continue to protect the heritage values of the site.</p> <p>The evidence on site indicates the success of these policies in protecting the heritage values of the site.</p> <p>Reconstruction of buildings has occurred since 2000 in accordance with these policies. The reconstructed buildings H1,P22 ,P21 &amp; 23 have enhanced the significance and understanding of the Quarantine Station.</p> <p>The construction of other structures, in the location of demolished elements, such as B41 support the approved uses of the site and are located in areas outside of important sight lines. These elements are legible as new and do not impact on an understanding of the heritage values of the place.</p>
<i>make notable changes to the layout, spaces, form or species composition of a garden, landscape or setting of a National Heritage place in a manner which is inconsistent with relevant values.</i>	<p>Key heritage values relating to the isolation of the site, the quarantine functions and medical protocols evident in the layout of the buildings and site, and the access by sea are expressed in the landscape and setting of the site.</p> <p>A recent inspection of the landscape reveals the character is retained, and that these values have been protected under the previous planning approval, CMP's and SWP's.</p>

	<p>The landscape of the place retains the institutional character evident in the historic aerial photographs from the aviation phase.</p> <p>The landscape retains the rich and diverse character which stems from the layering and aggregation of uses that overlay the relict and evolving cultural landscape of the Quarantine Station. The obelisk, roads, tracks, boundary markers, cemeteries, carvings and engravings, continue to record the station's history and the diverse cultural and social backgrounds of quarantined passengers.</p> <p>There is no evidence that the heritage values of the place that relate to its setting and landscape will be impacted if the use operation of the site continues.</p>
<i>restrict or inhibit the continuing use of a National Heritage place as a cultural or ceremonial site causing its values to notably diminish over time</i>	<p>The continued operation of the site will not restrict or inhibit any use of the place as a cultural or ceremonial site.</p> <p>The protection of Aboriginal Heritage Values is addressed in AMBS Aboriginal Impact Statement.</p>
<i>permanently diminish the cultural value of a National Heritage place for a community or group to which its National Heritage values relate</i>	<p>The National Heritage Listing for the site does not identify a community or group to which its National Heritage values relate. It is considered that the place would hold value for the Aboriginal community, former internees and staff, immigrants and seamen who were retained at the station and for the local Manly community.</p> <p>The current use of the site for accommodation, function use and restaurant use has allowed the place to remain accessible for those who have special associations with the place and the local community.</p> <p>The continuation of this use will ensure the place remains accessible.</p> <p>Refer AMBS Aboriginal Impact Statement for an assessment of impact for Aboriginal community.</p>
<i>destroy or damage cultural or ceremonial, artefacts, features, or objects in a National Heritage place, and</i>	<p>The proposed continued operation of the site will occur in accordance with the approved SWP's- Inscriptions Management Plan (2006), Moveable Heritage &amp; Resource Collections Management Plan (2007) which ensures the</p>

	<p>identified heritage values of the place are retained and protected.</p> <p>There is no evidence of the destruction or removal of archaeological deposits or artefacts since 2006.</p>
<p><i>notably diminish the value of a National Heritage place in demonstrating creative or technical achievement.</i></p>	<p>No creative or technical achievements are identified in the National heritage Values of the Site.</p>

#### Avoidance and Mitigation measures

The potential for impacts on matters of national environmental significance is mitigated by the CoPA and SWP's which have been prepared and implemented in order to protect the significance and national heritage values of the site. The SWP's are in the process of being updated to ensure that the heritage resource is protected as intended. . A schedule for updates of the reports is provided at Appendix D.

#### Conclusion

When measured against significant impact criteria, it is demonstrated that the Proposed Action will not have a significant impact on the heritage values of the site.

The use of the site, the protection of heritage resources, and the approach to modification of buildings remains essentially unchanged. Any work will be carried out in accordance with the CoPA, the policies of the CMP and DACMP and the SWPs to ensure any impacts on matters of environmental significance is acceptable.

The above assessment demonstrates that the proposed action is not likely to have a significant impact on historic heritage values of a National Heritage place. The proposed action is not considered to be a controlled action.

#### 8.1.16. WORLD HERITAGE SIGNIFICANCE

Not applicable.

#### 8.2. ASSESSMENT OF HERITAGE IMPACT USING THE NPWS REF GUIDELINES

The following questions and tables, extracted from the NPWS Guidelines for Preparing a Review of Environmental Factors, are utilised to assess the potential heritage impacts of the continuing operation of the site until 2050.

##### 8.2.1. WHAT IS THE IMPACT ON PLACES, BUILDINGS, OR LANDSCAPES OF HERITAGE SIGNIFICANCE?

The NHQS is included on the National Heritage List, NSW State Heritage Register and the heritage schedule of the Manly Local Environmental Plan. The heritage significance of the site and its components is clearly identified in the CMP and DACMP's for the site. The operations of North Head Quarantine Station have been controlled by a series of site wide plans developed in response to the CoPA to protect the cultural heritage resource since 2005-7. These plans remain in place until they are replaced with revised and updated plans and subplans.

While the 'Preferred Activity Statement' (PAS) is proposed to remain for this REF approval, it is likely to be amended in the future.

The current plans which include the Conservation Works Schedules, the Internal Fitout Plan, the Heritage Landscape Management Plan will continue to protect the heritage resource through until 2050. The CoPA requires that these documents are revised regularly to ensure they remain fit for purpose. The Heritage Council of NSW and DPE are required to review and approve these plans before they can be implemented.

#### 8.2.2. WHAT IS THE IMPACT ON RELICS OR MOVEABLE HERITAGE ITEMS, OR AN AREA WITH A HIGH LIKELIHOOD OF CONTAINING RELICS?

The moveable heritage collection is protected by the current Moveable Heritage and Resource Collections Management Plan 2007. The Inscriptions are protected by the current Inscriptions Management Plan 2006. Site operations will continue to be guided by these Plans until revised plans are approved.

The 2006 Inscriptions Management Plan has been reviewed by Helen Drew, Interpretation Officer at Q Station. A revised report is being prepared which will include updated condition information and identify environmental threats to the inscriptions. A Draft Inscription Maintenance and Monitoring Policy is being prepared and reviewed by ICS.

#### 8.2.3. OTHER CULTURAL HERITAGE IMPACTS DURING ALL STAGES OF THE ACTIVITY

Is the proposed activity likely to...	Applicable?	Impact level	Reasons	Safeguards/mitigation measures
1. affect or occur near places, buildings, or landscapes of heritage significance? ^	<input checked="" type="checkbox"/>	Low	<p>No physical works are proposed as part of this REF.</p> <p>The ongoing operations will have a low impact on the places, buildings, and landscapes of the site because they are proposed to occur in the context of the site wide plans developed to protect the identified cultural heritage values in response to the original conditions of planning approval.</p> <p>A prioritised schedule of conservation and / or remediation works was</p>	<p>The CoPA provides for periodic revisions of the endorsed Site Wide Plans. A set of revised Site Wide Plans are being prepared that build upon the previous Conservation Management documents, to ensure the cultural heritage resource will continue to be protected in accordance with best heritage practice.</p> <p>Until these revised plans are approved, the site will continue to operate within the framework of</p>

Is the proposed activity likely to...	Applicable?	Impact level	Reasons	Safeguards/mitigation measures
			<p>incorporated into the Conservation Works Program prepared by Paul Davies and Mawland in 2006.</p> <p>The 2005 Internal Fitout Plan was prepared for Mawland by Paul Davies Pty Ltd and Cate Young Design. The plan was approved by the NSW Heritage Council in 2005 and NPWS in 2006. The plan guided the fitout of accommodation buildings, lounges, and bathrooms. The site is now in the operational phase. NHS has prepared a new landscape master plan for the site which proposes some changes to the internal fit-out of the buildings on the site.</p>	<p>the original endorsed Site Wide Plans.</p> <p>While the 2005 Internal Fitout Plan remains current, the Internal Fitout Management Plan will be updated after the Masterplan is approved. The revised HLMP will reflect the new masterplan, changes in technologies, products, and market expectations. This document will provide for the ongoing protection of the buildings and the continued and enhanced activation of the site in accordance with the Masterplan.</p>
<p>2. impact on relics or moveable heritage items, or an area with a high likelihood of containing relics? ^</p>	<input checked="" type="checkbox"/>	<p>Negligible</p>	<p>The Moveable Heritage and Resources Sub Plan in place since 2007, has documented and protected this resource.</p> <p>The 2006 Inscriptions Management Plan prepared by Simon McArthur of Mawland Hotel Management Pty Ltd in accordance with Approval Conditions 95 to 98 has</p>	<p>The Moveable Heritage and Resources Plan is being comprehensively reviewed and updated. The Plan will be submitted to DPE and Heritage NSW for review and approval.</p> <p>The Inscriptions Management Plan is being reviewed and updated.</p>

Is the proposed activity likely to...	Applicable?	Impact level	Reasons	Safeguards/mitigation measures
			documented and protected this resource.	
3. impact on vegetation of cultural landscape value (e.g. gardens and settings, introduced exotic species, or evidence of broader remnant land uses)?	<input checked="" type="checkbox"/>	Positive	The Heritage Landscape Management Plan 2006 prepared by Thompson Berrill Landscape Design in conjunction with Paul Davies has protected the resource.	Following the review of the CMP and DA CMPS for the site, a revised Landscape Masterplan will be finalised. This Plan will build upon the previous plan with an extensive review of physical and documentary evidence to reflect an expanded understanding of the rich layering of significance within the site.

## 8.2.4. CUMULATIVE IMPACTS DURING ALL STAGES OF THE ACTIVITY

When considered with other projects, is the proposed activity likely to affect...	Applicable? *	Impact level	Reasons	Safeguards/mitigation measures
2. cultural -historic heritage-values through cumulative impacts?	<input checked="" type="checkbox"/>	low	The impact of the continuation of current site operations until 2050 on the cultural historic heritage values of the site is considered to be low. The topography and isolated nature of the site limits potential impact on the community. The site wide plans and heritage management documents will continue to safeguard the heritage values and limit cumulative	The various plans and SWPs are to be updated to ensure ongoing protection for the identified values. These documents are: Interior Fitout; CWP; Heritage Landscape Master Plan; Interpretation Plan; Inscriptions and Moveable Heritage Plan.

When considered with other projects, is the proposed activity likely to affect...	Applicable? *	Impact level	Reasons	Safeguards/mitigation measures
			impacts of the ongoing use of the site.	

## 9. IMPLEMENTATION AND DOCUMENT REVIEW

### 9.1. CONSERVATION WORKS PROGRAM

The Conservation Works Program (2006) Stage 1 Prepared by Mawland Construction PL was approved in 2006 and remains current.

Conservation Works implementation is monitored by the Integrated Monitoring and Adaptive Management System (IMAMS) which identifies 29 cultural indicators to ensure cultural heritage (buildings, landscape, infrastructure moveable heritage and aboriginal sites) is maintained in good condition.

The CWP satisfies the current CoPA 77-80 and 82. The CoPA required regular comprehensive reviews of this document CoPA 83, 84. This document should have been reviewed every 5 years.

A revised Plan needs to address the current condition of the fabric and best practice in addition to the requirements of CoPA 77-84 as amended.

### 9.2. MOVEABLE HERITAGE

Moveable Heritage & Resource Collections Management Plan (2007). Prepared by Anne Cummins, Sydney Artefacts Conservation on behalf of DEC., was approved by the Deputy Director-General Parks and Wildlife Division on 20 April 2007 and the Executive Director, Heritage Office for the Department on 10 August 2007. The co-proponents commenced implementation of the plan once it was approved. The implementation of the Plan is evidenced in the secure storage of the collection items in P14. Additional items are utilised in the tour buildings and through the Visitor Centre Museum. Ongoing management is undertaken in Ehive.

CoPA 89 requires that the plan be regularly reviewed and revised.

A revised plan was prepared in 2021, and it was reviewed in 2023. The revised plan describes the Collection Management record keeping system, Ehive and a review of the database in 2020. Condition information about each item in the collection is available in the Ehive database. The Collection Management Policies and procedures are provided. Building fabric sample guidelines are provided. The revised plan includes recommendations to implement this over 2023-2024 and provides protocols and guidelines for the display and loan of items from the collection. The revised plan provides clear guidance to manage the display, storage, loan and public access to the collection, and clear instruction on the

need for inductions for new staff to include the requirements for compliant management of the collection.

### 9.3. HERITAGE LANDSCAPE MASTER PLAN

The Heritage Landscape Master Plan (HLMP) prepared by Thompson Berill Landscape Design in conjunction with Paul Davies PL & Arborcraft was reviewed and approved by DEC and Heritage Council of NSW in September 2006.

The stated intent of the HLMP is “to primarily interpret the Aviation Phase and earlier phases where this assists with interpretation and appreciation of the Quarantine Station’s history.”

“The DACMP is clear that the Aviation Phase was not the most important historical phase and that all periods of use were equally important. The DACMP, however, recognised that the Aviation Phase was the last phase of the sites use as a quarantine station and therefore is the most intact in terms of fabric presentation and appearance.”

While the 2006 document remains current, a review of the Heritage Landscape Master Plan is overdue. Since 2006, the approach has shifted to allow for a multiplicity of values, that can coexist rather than focusing heavily on the Aviation phase. While the original vision remains relevant, it can evolve with cultural shifts that have occurred such as greater indigenous acknowledgement, landscape appreciation, multicultural and environmental considerations. Paul Davies is currently updating the DACMP, which will guide the development of a revised Heritage Landscape Masterplan for the site, to reflect these considerations along with the new leaseholder’s aspirations.

The Heritage Landscape Master Plan should be reviewed, revised, and approved.

### 9.4. INSCRIPTIONS

The Inscriptions Management Plan (2006). Prepared by Simon Macarthur, Mawland Construction PL formed part of the Heritage Landscape Management Plan (HLMP) 2006, and was prepared to satisfy CoPA 95. The Plan, as part of the HLMP, was reviewed and approved by DEC and Heritage Council of NSW in September 2006.

The 2006 Plan summarises the location and general condition of groups of Inscriptions across the site. The IMP 2006 specified policies in table 4.4 and actions in 5.4 to action.

Sections 4 and 5 of the IMP 2006 cover the policies and actions to comply with this condition.

An Environmental Assessment was completed by International Conservation Services (ICS) in April 2007.

Objectives and strategies and an assessment of potential impacts are included.

Conservation and maintenance works are identified and incorporated in CWP.

Monitoring actions are included in Table 5.4 of the IMP 2006.

A comprehensive review of the 2006 Inscriptions Management Plan is being undertaken by Helen Drew, Interpretation Officer at Q Station. The revised plan will include updated condition information and identifies environmental threats to the inscriptions. The revised plan will include checklists and data collection to provide updated data for analysis and inform future work efforts in the inscription conservation and management. A Draft Inscription Maintenance and Monitoring Policy is being prepared and reviewed by ICS.



#### 9.5. INTERNAL FITOUT

Internal Fitout Plan (Part 1) (2005) Prepared by Paul Davies Architects PL and Cate Young Design (2006) was prepared to meet CoPA 99. This Internal Fitout Plan was conceived as a two-part plan:

Part 1 specifically covers the interior finishes and fitout items proposed for all accommodation buildings and their associated lounges and bathrooms.

Part 2 covers the buildings other than accommodation buildings that are to be adapted and which require fitout, and was never completed.

The aim was to retain room layouts, materials and finishes where possible and minimize intervention. The DACMP provides guidance on which elements and finishes of buildings are to be retained and which may have some form of adaptation. A sample fitout was prepared and endorsed prior to execution of the fitout.

Since 2006, the use of the site has evolved. The original fitouts have aged. NHS took over the lease in 2021, and overviewed the site operations. Expectations have changed, and the activation of the site has extended to other buildings not covered by the 2006 Plan, there is a need for a revision of the plan.

A revised Internal Fitout Plan should be prepared by a suitably qualified and experienced person as part of a Site Wide Plan. The revised Plan should cover all buildings that are proposed to be adaptively reused and demonstrate consistency with the relevant policies of the DACMP. The Plan will be submitted to DPE and Heritage NSW for review and approval.

#### 9.6. INTERPRETATION

The Interpretation Plan (2006) Prepared by Simon Macarthur, Mawland Construction PL was prepared to meet CoPA 100 and 101, and was approved by DEC and Heritage NSW in 2005. Several interpretive activities outlined in the previous plan have been implemented as the reuse works for the site have progressed since that time. The direct interpretation currently operational for NHQS includes:

- Digital information (e.g., website, guest compendium, employee handbook)
- Signage on site
- Public tour program and tours bookable by private groups
- Moveable heritage displays throughout the site
- Staffed visitor centre with free Quarantine exhibition
- Signage and visual access inside Wharf buildings
- On-site Gallery for short-term interpretive programs.
- Publications available for sale at the Visitor Centre and reception.

In accordance with the CoPA, a revised Interpretation Plan is being prepared and will provide updated guidance for interpretation of heritage values at NHQS to both support compliance under the CoPA and assist potential changes and enhancement of interpretation for the remainder of the current lease. The Vision and Objectives remain the same and align with the policies of the CMP. The Themes and key messages will be expanded and identify further interpretation opportunities.

## 10. SUMMARY OF IMPACTS AND CONCLUSIONS

This Heritage Impact Statement has been prepared to assess whether the current site operations at Q Station are acceptable from a heritage perspective. This assessment will inform the proposed REF for ongoing operation.

The ongoing operation of the site, the use and the approach to modification of buildings remains essentially unchanged under the proposal. Any work will be carried out in accordance with the CoPA, the policies of the CMP and DACMP and the SWPs to ensure any impacts on matters of environmental significance is acceptable. Evidence on site reveals the success of the existing heritage management framework (CMPs SWPs CoPA) in protecting the heritage values embodied in the fabric. The potential for impacts on matters of national environmental significance has been assessed and found to be acceptable.

As part of this Heritage Impact Statement, the current conditions of approval (CoPA) were reviewed. In summary:

- the conditions were prepared before the site wide plans as the conditions required the development of the site wide plans.
- the site wide plans have been developed and endorsed. This mostly occurred between 2006 and 2007.
- the conditions required some of the site wide plans to be revised and updated regularly.
- 

It is recommended the current CoPA be reviewed as this will provide an opportunity to streamline the current planning approval. In summary, this HIS concludes:

- many conditions are no longer relevant as they relate to the establishment of the site wide plans and heritage management frameworks which have now been implemented.
- more emphasis should be placed on the site wide plans rather than conditions to create a streamlined approval that does not have unnecessary, lengthy and complicated conditions (that try to duplicate the site wide plans)
- further to the above, the site wide plans provide the best context for understanding heritage.

Recent site inspections have revealed a number of maintenance issues. The age of the buildings and exposure of the site results in a need for continual ongoing maintenance works. The Conservation Works Program Section 3 provides specifications, standards and protocols for conservation and maintenance works, as required by the CoPA 79. The updated Conservation Works Program will ensure all buildings receive conservation works and maintenance to bring them to a standard that will ensure their long-term preservation.

The potential for impacts is mitigated by the CoPA and SWP's which have been prepared and implemented in order to protect the significance and national heritage values of the site. The heritage management documents and SWP's are currently being updated to ensure that the heritage resource is protected as intended. A schedule for updates of the reports is provided at Appendix D.

The proposal is not likely to have a significant impact on cultural heritage values of the place. The continuing operation of the site will be acceptable from a heritage perspective because of the strong Heritage Management Framework which governs the use of the site.

## 11. APPENDICES

### 11.1. APPENDIX A – RECOMMENDED AMENDMENTS TO CONDITION OF PLANNING APPROVAL

#### 11.1.1. ARCHIVAL RECORDING

##### CONDITION 45-47

Retain

##### CONDITION 48

Update as follows:

Photographic records shall be prepared in accordance with the Heritage NSW document “Photographic Recording of using Film or Digital Capture”

##### CONDITION 49

Retain

#### 11.1.2. HERITAGE ADVISOR

##### CONDITION 54

Retain

##### CONDITION 55

Modify as follows:

Delete d)

No longer relevant

#### 11.1.3. CONSERVATION WORKS PROGRAM

##### Condition 77

This definition is included in the Conservation Works Program 2006 which remains current.

There is a need for this document as should have been reviewed every 5 years.

An updated CWP is currently being prepared by Paul Davies and would also need to include this definition if it is to be deleted.

##### Condition 78

Delete - Condition satisfied

Refer to the current Conservation Works Program.

Refer to the current plans for Aboriginal sites, the Moveable Heritage and Resources Plan, Heritage Landscape Master Plan, Inscriptions Management Plan, Interpretation Plan, and Infrastructure Control Plan which forms part of the Site Wide Plan.

##### Condition 79

Sets a standard for future revisions of the CWP.

Modify as follows:

Delete text- ‘*For all heritage items covered by condition 78) above,*’

Condition 80  
Delete - Work Complete

Condition 81  
Retain

Condition 82  
Retain and modify as follows:

*An annual review of the CWP is required.*

*The review should include:*

*(a) a list of conservation works implemented;*

*(b) the identification of any additional conservation works required to be undertaken. This must include specific consideration of the condition of all asbestos items and actions required to ensure that public health and safety standards are met ; and*

*(c) information on the amount spent on conservation works (including maintenance works) within the site annually, together with independent verification of expenditures provided by a quantity surveyor. The information should include a breakdown on costs and works undertaken.*

*Advice must be sought from the relevant Aboriginal community group/s, an appropriately qualified and experienced conservation practitioner and other specialists as required in the review process.*

Condition 83  
Retain

Condition 84  
Retain

#### 11.1.4. MOVEABLE HERITAGE

Condition 85  
Delete- This condition has been satisfied.

The Moveable Heritage and Resource Collection Plan was approved by the Deputy Director-General Parks and Wildlife Division on 20 April 2007 and the Executive Director, Heritage Office for the Department on 10 August 2007.

The co-proponents commenced implementation of the plan once it was approved.

CoPA 89 requires that the plan be regularly reviewed and revised.

A revised plan was prepared in 2021.

Condition 86  
Delete – this condition relates to the development of a Moveable Heritage Collection Plan.

Condition 87  
Delete- This condition is no longer relevant as the current plan was adopted in 2007.

The 2007 Plan will remain current until a revised Plan is adopted.

Condition 88  
Retain

Condition 89  
Retain

The Moveable Heritage and Resources Plan was comprehensively reviewed by the co-proponents in 2020-2021 and updated in 2021.

The Plan will be submitted to DPE and Heritage NSW for review and approval.

#### 11.1.5. HERITAGE LANDSCAPE MASTER PLAN

Condition 90

A site wide Heritage Landscape Master Plan has been prepared by Thompson Berrill Landscape Design PL in 2006.

Amend this condition as follows:

*The cultural landscape will be conserved, managed, and interpreted in accordance with the adopted Heritage Landscape Master Plan.*

Condition 91

The Heritage Landscape Master Plan prepared by Thompson Berrill Landscape Design PL in conjunction with Paul Davies PL and Arborcraft was approved by Heritage Council of NSW and DEC in 2006.

Delete - This condition is satisfied.

Condition 92

- a) The 2006 Heritage Landscape Master Plan lists overall landscape objectives as well as specific objectives on particular aspects of the landscape.
- b) The 2006 Heritage Landscape Master Plan provides condition assessments of the landscape, plantings, grassed areas, built elements and identifies areas of corrosion. The Document requires upgrade.
- c) The 2006 Heritage Landscape Master Plan provides a prioritised schedule of conservation and / or remediation works which have been incorporated into an Appendix within the Conservation Works Program.
- d) The 2006 Heritage Landscape Master Plan provides a list of changes supported by DACMP.
- e) The 2006 Heritage Landscape Master Plan provides actions and guidelines for landscape features as required.
- f) The 2006 Heritage Landscape Master Plan provides a framework for bushland management
- g) The 2006 Heritage Landscape Master Plan identifies areas to enhance bandicoot habitat.
- h) The 2006 Heritage Landscape Master Plan provides a set of recommended indicators for the Integrated Monitoring and Adaptive Management System
- i) The 2006 Heritage Landscape Master Plan considers these specific issues in Section 5

Delete - This condition is satisfied.

Condition 93

Amend this condition as follows:

*All landscape works, excluding minor maintenance works (as defined), are to be undertaken in accordance with the adopted Heritage Landscape Master Plan*

Condition 94

Retain

11.1.6. INSCRIPTIONS

Condition 95

An Inscriptions Management Plan which formed part of the Heritage Landscape Management Plan 2006, was prepared to meet CoPA 95. The Plan was reviewed and approved by DEC and Heritage Council of NSW in September 2006.

This condition has been satisfied.

Replace this condition with the following:

*All works on, or in respect to the inscriptions or engravings are to be undertaken in accordance with the adopted Inscriptions Management Plan.*

Condition 96

Retain

Condition 97

Delete- This condition is not relevant

Condition 98

Retain

11.1.7. INTERNAL FITOUT

Condition 99 •

The Internal Fitout Plan (Part 1) was prepared by Paul Davies and Cate Young in 2005 to meet this Condition.

A sample fitout was prepared and endorsed prior to execution of the fitout.

The condition has been satisfied.

Amend this condition as follows:

*Internal fitouts across the site are to be consistent with the adopted Internal Fitout Plan.*

*A revised Internal Fitout Plan should be prepared by a suitably qualified and experienced person as part of a Site Wide Plan.*

*The revised Plan should cover all buildings that are proposed to be adaptively reused and demonstrate consistency with the relevant policies of the DACMP. The Plan will be submitted to DPE and Heritage NSW for review and approval.*

11.1.8. INTERPRETATION

Condition 100

The Interpretation Plan for NHQS was prepared to meet CoPA 100 and 101, and was approved by DEC and Heritage NSW in 2005.

Delete - This condition has been satisfied.

Condition 101

The Interpretation Plan for NHQS was prepared to meet CoPA 100 and 101, and was approved by DEC and Heritage NSW in 2005.

Delete - This condition has been satisfied.

Condition 102

Retain.

Condition 103

Retain.

A revised draft Sub-Plan is being prepared and provides updated guidance for interpretation of heritage values at NHQS to both support compliance under the CoPA and assist potential changes and enhancement of interpretation.

11.1.9. INFRASTRUCTURE

Condition 105-108

The Infrastructure Control Plan for NHQS was prepared to meet CoPA 105-109, and was approved by DEC and NPWS in 2008.

Delete - These conditions have been satisfied.

Condition 109

Retain.

Modify to require the review of the Infrastructure Control Plan is to be reviewed by the Heritage Advisor and submitted to the Heritage Council for approval.

Condition 111

The asbestos sampling and replacement strategy was prepared by Paul Davies in 2005. The CWP sets out the scheduling for replacement of A/C downpipes, gutters, and associated fixings for replacement.

Delete - This condition has been satisfied.

Condition 112

Delete- This condition has been satisfied.

Condition 113

Retain, this remains relevant even if no physical works are currently proposed.

Condition 114

Retain

Condition 115

Retain.

11.1.10. SECURITY

Condition 116-117

A Security Plan was prepared and approved in 2005 as part of the Visitor Management Plan.

Delete - These conditions have been satisfied.

Condition 118

Amend 118 to include review by Heritage Advisor.

11.1.11. SCHEDULES

Schedule 3\_Introduction of Air conditioning

Modification 3 (2018) to Schedule 3 allowed for air-conditioning of dining, kitchens, function and conference related purposes, as well as archival or records storage. Details of the proposed heating or cooling system were required to be detailed to ensure minimal and reversible impact upon significant fabric. Other rooms were limited to ceiling fans.

It is considered this Schedule can be amended to include bedrooms in the list of rooms able to be air conditioned where it can be demonstrated that any impact upon significant fabric is minimal and reversible.



11.2. APPENDIX B – SITE AUDIT REPORT



In partnership with



**NSW National Parks and Wildlife Service**

# **2023 Annual Environmental Report**

**Quarantine Station North Head – Sydney Harbour National Park**

**MP 08-0041 – Operational Compliance Report**



## Acknowledgement of Country

Department of Climate Change, Energy, the Environment and Water acknowledges the Traditional Custodians of the lands where we work and live.

We pay our respects to Elders past, present and emerging.

This resource may contain images or names of deceased persons in photographs or historical content.

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# 1. Introduction

## 1.1 Overview of the Site

The Quarantine Station (Q Station) (Figure 1) is located on North Head Manly and within the Sydney Harbour National Park, some 10km to the northeast of the Sydney CBD. It covers approximately 27 ha including heritage buildings. This site has cultural and historical significance as it operated as a Quarantine Station from 1828 to 1984. It was the first Quarantine Station established in Australia.

The Q Station site is owned by the NSW Department of Climate Change, Energy, Environment and Water (DCCEEW) and managed by the NSW National Parks and Wildlife Service (NPWS). DCCEEW is the parent organisation of (NPWS) and regulates matters relating to heritage, pollution, native vegetation, biodiversity and National Parks.

The 'North Head Quarantine Station Conservation and adaptive reuse proposal' for the site was determined in 2003. In 2006 the site was leased to Mawland Quarantine Station Pty Ltd for the conservation and adaptive reuse of the site and improvements, as well as the operation of a tourist facility providing accommodation, conferences, weddings, tours, events, museum and visitor centre.

On 11<sup>th</sup> May 2022 the lease was transferred to North Head Sydney Pty Limited [NHS] which now conducts the day-to-day activities of the site in accordance with the conditions of planning approval.

## 1.2 Purpose of the Report

This report is to meet the Minister's Conditions of Planning Approval 221 to 224 inclusive (CoPA) for the site under approval MP08\_0041 and subsequent modification (MP08\_0041 MOD 3).

The reporting period is January 2023 to December 2023. Pursuant to the conditions of approval, the site is in Operational mode.

This report has been prepared in accordance with the *Compliance Reporting Post Approval Requirements* (DPIE, 2020), and comprises:

- tables of actions from the previous independent audit (section 2) and the 2022 compliance report (sections 3)
- a compliance status summary (section 4)
- summaries of incidents (sections 5) and complaints (section 6)
- a compliance report for this reporting period (Appendix A)
- compliance declaration forms (Appendix B)
- results of the integrated monitoring program and measures taken or proposed by the co-proponents to respond to identified issues are detailed in Appendix C (NHS annual monitoring report) and Appendix E (NPWS annual monitoring report)
- a Conservation Works Plan review (Appendix D) and
- a consultation summary table of submissions and responses (Appendix F).

### **1.3 Summary of Activities**

The site was open during the reporting period, January 2023 to December 2023, and the activities undertaken were:

- Visitor access and visitor management
- Visitor Centre and Museum
- Guided tours
- Accommodation, functions and events
- Restaurant and cafe

### **1.4 Responsible personnel**

The personnel responsible for the environmental management of the Q Station during 2023 were:

#### NSW National Parks and Wildlife Service

- Sydney North Area Manager
- Principal Project Officer,
- Environment Manager, Quarantine Station
- Environment Liaison Officer

#### North Head Sydney Pty Ltd/Q Station

- Sole Director / Secretary of North Head Sydney Pty Ltd
- General Manager Q Station
- Project Manager for North Head Sydney Pty Ltd
- Compliance Officer for North Head Sydney Pty Ltd
- Interpretation Officer for North Head Sydney Pty Ltd

### **1.5 Consultation**

In accordance with Condition 221 of the CoPA, a copy of the report was made available to the following authorities and the QSCCC on 17<sup>th</sup> January 2024 for their review and comment:

- Heritage NSW acting on behalf of the Heritage Council of NSW
- Transport for NSW (formerly Waterways Authority)
- NSW Planning
- DPI Fisheries
- NPWS (formerly DEC).

The recipients were requested to specifically consider any issues arising on any visitor impact arising from the activities on site as per COPA 221 and submit them by 14<sup>th</sup> February 2024. Comments were received from Transport for NSW, DPI Fisheries, NSW Planning, QSCCC and NPWS. Comments and responses are summarised in Appendix F.



Figure 1: Site Map of North Head Quarantine Station (Source: NPWS Spatial Team 2022)



## **2. Actions arising from 2021 Comprehensive Audit**

Source	Condition of consent number	Non-Compliance	Action proposed	Proposed completion date	Status	Action completed
Comprehensive Audit Quarantine Station North Head 2018-2021	69, 72, 94, 96, 103, 109, 117, 119, 190, 195 and 208	5-year review of site wide management plans due 2021	<p>A review of all plans and the information systems to ensure that they meet current legislative and operational need of the plans.</p> <p>Group 1 site wide plans</p> <ul style="list-style-type: none"> <li>- Environmental Management Plan (195)</li> <li>- Aboriginal Heritage Plan (72)</li> <li>- Inscriptions Management Plan (96)</li> <li>- Erosion and Sedimentation Plan (195/197)</li> <li>- Waste Management Plan</li> <li>- Asbestos Sampling and Replacement Strategy</li> <li>- Heritage Landscape Plan</li> <li>- Interpretation Plan</li> <li>- Noise Management Plan</li> <li>- Infrastructure Control Plan</li> <li>- Predator and Pest Control Plan</li> </ul> <p>Group 2 site wide plans</p> <ul style="list-style-type: none"> <li>- Access Strategy</li> <li>- Emergency and Evacuation Plan</li> <li>- Outdoor Visitor Infrastructure Plan</li> <li>- Security Plan</li> <li>- Internal Fit Out Plan</li> </ul>	30 <sup>th</sup> June 2024	In progress	<p>The plans, except Heritage Landscape Management Plan, have been reviewed and where required, were sent to NSW Heritage. NSW Planning and NPWS for approval.</p> <p>Comments have been received from NSW Heritage and NSW Planning on some of the plans. The comments are currently being considered.</p> <p>Information management system and GIS were reviewed in 2023.</p>

Source	Condition of consent number	Non-Compliance	Action proposed	Proposed completion date	Status	Action completed
Comprehensive Audit Quarantine Station North Head 2018-2021	5	EMP and reports not publicly available.	Publish the 2019 and 2020 annual environment reports and the 2021 Comprehensive Audit report on the NHS website and the NPWS websites	2 <sup>nd</sup> quarter 2024	Ongoing	<p>2019, 2020 and 2022 Annual Environment Reports and 2021 Independent Audit report are on Q Station website  <a href="https://www.qstation.com.au/our-story.html">https://www.qstation.com.au/our-story.html</a>                      and/or DCCEEW website  <a href="https://www.environment.nsw.gov.au/research-and-publications/publications-search/north-head-quarantine-station-management-plans">https://www.environment.nsw.gov.au/research-and-publications/publications-search/north-head-quarantine-station-management-plans</a>.</p> <p>The majority of site wide plans developed in 2005 - 2006 are available on the DCCEEW website, however some are missing e.g. the Environmental Management Plan, and Infrastructure Control Plan. Site wide plans, except for the Heritage Landscape Management Plan were reviewed in 2023 and have been submitted for approval to NSW Planning, NPWS and NSW Heritage where required. Site wide plans including the EMP will be made publicly available when finalised and approved.</p>

Source	Condition of consent number	Non-Compliance	Action proposed	Proposed completion date	Status	Action completed
Comprehensive Audit Quarantine Station North Head 2018-2021	52	Appointment of current Environmental Manager not approved by DEC and Planning NSW.  NPWS Environmental Liaison Project Officer currently managing duties of Environmental Manager.	NPWS appoint Environmental Manager position.	1 <sup>st</sup> quarter 2023	Completed	Appointment of the Environmental Manager was approved by NSW Planning on 13 June 2023.  The Environmental Manager was recruited and approved by NPWS and commenced on 12 June 2023.
Comprehensive Audit Quarantine Station North Head 2018-2021	61	Absence of an Environmental Management System for contractors engaged in the undertaking of the activities on site.	Development of a process that ensures contractors engaged in the undertaking of the activities on the site demonstrate a commitment to environmental, heritage and conservation values of the site.	30/6/2024	Ongoing	All contractors are required to read and sign a contractor induction program document.  The program and procedure are being updated.

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Source	Condition of consent number	Non-Compliance	Action proposed	Proposed completion date	Status	Action completed
Comprehensive Audit Quarantine Station North Head 2018-2021	65	Evidence of annual refresher program having been undertaken by all staff and contractors was not available.	Annual refresher program to continue.	30/6/24	In Progress	Refresher courses are being held. Details of when course held, staff who attended and management who conducted the course are now being recorded digitally.

Comprehensive Audit Quarantine Station North Head 2018-2021	66, 67, 68	The systems required by condition 66 had not been developed	The development of a computer-based information management system and GIS for the site.	30 <sup>th</sup> June 2023	In progress	<p>A cloud-based shared management system and file sharing between co-components was established in late 2022 via Microsoft Teams and refined during 2023. This system includes requirements listed in condition 68.</p> <p>An outline of a GIS for NHQS was approved by NPWS in 2007. GIS has been developed for the site, with spatial data available from departmental corporate layers.</p> <p>Most of the GIS layers required by COPA 68 are available:</p> <ul style="list-style-type: none"> <li>• location of lease boundary</li> <li>• locations of standing buildings, fence lines and barriers, cultural landscape features and other historic structures, works and paths</li> <li>• locations of Aboriginal archaeological sites</li> <li>• locations of threatened flora species, Eastern Suburbs Banksia Scrub, and high-use foraging habitat for the Long-nosed Bandicoot</li> <li>• areas subject to bushfire hazard reduction and/or wildfires, including fire history</li> <li>• locations of all existing and new site services and infrastructure</li> <li>• locations of all new works (including carparks, reconstructions, signs, lights, fences, paths)</li> <li>• data from some monitoring programs, as relevant (including penguin nesting sites, bandicoot</li> </ul>
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Source	Condition of consent number	Non-Compliance	Action proposed	Proposed completion date	Status	Action completed
						<p>observations and threatened fauna and fauna sightings)</p> <p>Some GIS layers required by COPA 68 are not currently available, specifically:</p> <ul style="list-style-type: none"> <li>• bush regeneration areas, including a history of works</li> <li>• some archaeological information as per the requirements of the North Head Quarantine Station Archaeological Management Plan e.g. areas of disturbance, locations or inscriptions, former fences and barriers</li> <li>• some monitoring data e.g. penguin and bandicoot road mortalities.</li> </ul> <p>GIS spatial layers not currently available will be developed by NPWS where practicable.</p> <p>While NHS cannot directly access the NPWS GIS, it can be shared with NHS via Teams on as needs basis. Spatial layers are available to NHS for their own use via a Data Usage Agreement. The co-proponents will continue to work together to develop GIS layers to assist site management and facilitate GIS access and capacity building for NHS.</p>

Source	Condition of consent number	Non-Compliance	Action proposed	Proposed completion date	Status	Action completed
Comprehensive Audit Quarantine Station North Head 2018-2021	82	Annual review of the Conservation Works Program has not occurred since 2006.	A review of the CWP for inclusion in 2023 annual environmental report.	28 February 2023	Completed	A review of the Conservation Works Program was included in the 2022 Annual Environment Report, and is included in this report (refer Appendix D)
Comprehensive Audit Quarantine Station North Head 2018-2021	83	A regular comprehensive review of the Conservation Works Program had not occurred	A comprehensive review of the Conservation Works Program will be undertaken when the CMP/DACMP review, which is underway, has been completed.	4 <sup>th</sup> quarter 2024	Not yet commenced	CWP comprehensive review will be undertaken when the CMP/DACMP review is complete.
Comprehensive Audit Quarantine Station North Head 2018-2021	89	A review of the Moveable Heritage and Resources Plan has not been undertaken in the last five years.	This plan was updated in 2021 and approval is being sought from NSW Heritage.	30 <sup>th</sup> June 2024.	Completed	NPWS submitted a Moveable Heritage and Resources Plan to NSW Heritage in 2021, however while NSW Heritage expressed no concerns with it, no formal approval was received. NPWS submitted a draft 2023 Moveable Heritage and Resources Plan containing minor content and formatting amendments to NSW Heritage on 3 October 2023.



Source	Condition of consent number	Non-Compliance	Action proposed	Proposed completion date	Status	Action completed
Comprehensive Audit Quarantine Station North Head 2018-2021	98	No conservation works on engravings and inscriptions were conducted during audit period.	Engage an appropriately qualified and experienced conservation specialist and include their details in an updated Inscriptions Management Plan for approval by NSW Heritage and NPWS.	4 <sup>th</sup> quarter 2024	In progress	NHS has reviewed and updated the Inscriptions Management Plan containing a works schedule. The plan was submitted on 6/11/23 to Heritage NSW and on 6/11/23 to NPWS for approval and is currently under review by NSW Heritage. Details of an appropriately qualified and experienced conservation specialist were included in the plan for approval by NSW Heritage and NPWS.
Comprehensive Audit Quarantine Station North Head 2018-2021	155	There is no evidence of the shuttle bus providing service as required by this condition of approval	Resumption of the shuttle bus service.	22 <sup>nd</sup> November 2022	Operating	The shuttle bus resumed operating on 22/11/2022 providing the minimum number of trips required by the condition of approval and also provides an 'on demand' service for hotel guests. The timetable can be found at <a href="https://www.qstation.com.au/complimentary-q-station-manly-shuttle.html">https://www.qstation.com.au/complimentary-q-station-manly-shuttle.html</a> .

Source	Condition of consent number	Non-Compliance	Action proposed	Proposed completion date	Status	Action completed
Comprehensive Audit Quarantine Station North Head 2018-2021	184	There was no formal seagrass monitoring undertaken during the reporting period.	Seagrass monitoring to be carried out in 2023	31 December 2023	In progress	NHS commissioned Paul Anink, a marine ecologist, from Marine Pollution Research Pty Ltd to undertake baseline seagrass monitoring and a seabed survey with the view to developing a program as required by the condition to provide an annual monitoring program. This monitoring / survey was undertaken in January 2023 and a new seagrass monitoring program is included in the draft 2023 Integrated Monitoring and Adaptive Management Program (refer next row).
Comprehensive Audit Quarantine Station North Head 2018-2021	216, 217, 219, 220	The approved 2006 Integrated Monitoring and Adaptive Management System was not fully implemented during the audit period and had not been reviewed.	Review of 2006 program to be undertaken in 2023.	30 <sup>th</sup> June 2024	In progress	The 2006 Integrated Monitoring and Adaptive Management System (IMAMS) was implemented in 2022. The IMAMS was reviewed in 2023 and submitted to NSW Planning and NPWS for approval. Monitoring reports have been included in this report (refer appendices C and E) and will track and trend data year on year to facilitate management decisions.

Source	Condition of consent number	Non-Compliance	Action proposed	Proposed completion date	Status	Action completed
Comprehensive Audit Quarantine Station North Head 2018-2021	Schedule 5	Bandicoot monitoring methodology does not meet method in CoPA schedule 5.	Review of monitoring program and submission of modification to NSW Planning for monitoring methodology approval in schedule 5.	4 <sup>th</sup> quarter 2024	Not progressed	<p>NPWS working group was established in November 2022 to plan and implement bandicoot monitoring. The updated monitoring methodology has been included in the draft 2023 IMAMS and implemented (refer Appendix E), which was submitted to NSW Planning and NPWS for approval in November 2023. .</p> <p>NPWS will not lodge a modification to the planning conditions in 2024, noting project approval expires at the end of 2024.</p>

### 3. Actions arising from 2022 Annual Environmental Report

Source	Condition of consent number	Non-Compliance	Action proposed	Responsible	Proposed completion date	Status	Action completed
2022 AER	52	NPWS has not sought NSW Planning approval for the current Environmental Manager	NPWS acknowledges that the Environmental Manager position has been vacant in 2022.	NPWS	It is intended that this position will be filled by the end of the 1st quarter 2023.	Completed	The Environmental Manager was recruited and approved by NPWS and commenced on 12 June 2023. The position was approved by NSW Planning 13 June 2023. This occurred subsequent to the proposed completion date of the end of the 1st quarter 2023.

2022 AER	66,67,68	A computer-based information management system and GIS was not developed for the site	<p>Microsoft Teams channel has been established with cloud-based file sharing between co-proponents. This will continue to be developed in 2023 for approval and includes requirements listed in condition 68.</p> <p>GIS spatial layers were in development by NPWS Spatial Team. This will be shared with the lessee via a Data Usage Agreement.</p>	Joint	30 June 2023	In progress	<p>NPWS and NHS developed a Shared Information Management system channel using MS Team – SharePoint in July 2022. This was piloted in 2023 and will be refined overtime.</p> <p>The Shared Information Management System includes an excel spreadsheet that tracks complaints, incidents, events, works and approvals. The channel also provides share files and documents.</p> <p>GIS has been developed for the site, spatial data available from departmental corporate layers. It contains most of the layers required under COPA 68:</p> <ul style="list-style-type: none"> <li>• location of lease boundary</li> <li>• locations of standing buildings, inscriptions, fence lines and barriers, cultural landscape features and other historic structures, works and paths</li> <li>• locations of Aboriginal archaeological sites</li> <li>• locations of threatened flora species, Eastern Suburbs Banksia Scrub, and high-use foraging habitat for the Long-nosed Bandicoot</li> <li>• areas subject to bushfire hazard reduction and/or</li> </ul>
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wildfires, including fire history

- locations of all existing and new site services and infrastructure
- locations of all new works (including carparks, reconstructions, signs, lights, fences, paths)
- data from some monitoring programs, as relevant (including penguin nesting sites, bandicoot observations, and threatened fauna and fauna sightings)

The following GIS layers required by COPA 68 are not currently available:

- bush regeneration areas, including a history of works
- some archaeological information as per the requirements of the North Head Quarantine Station Archaeological Management Plan e.g. areas of ground disturbance, former fences
- some monitoring data e.g. penguin mortalities, bandicoot mortalities.

GIS spatial layers not currently available are being developed by NPWS, when practicable.

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Source	Condition of consent number	Non-Compliance	Action proposed	Responsible	Proposed completion date	Status	Action completed
							<p>While NHS cannot directly access the GIS, this can be shared with NHS via Teams as needed. Spatial layers are available to NHS for their own use via a Data Usage Agreement.</p> <p>The co-proponents will continue to work together to develop GIS layers to assist site management and facilitate GIS access and capacity building for NHS.</p>
2022 AER	69	Shared Information System to be reviewed every 5 years.	This condition relates to condition 68, above. The system will be reviewed during development and a framework put in place to ensure a 5-year review in 2028.	Joint	30 June 2023	Completed	The Shared Information System was developed and reviewed in 2023 by the co-proponents
2022 AER	72	Aboriginal Heritage Management Plan requires review every 5 years.	Aboriginal Heritage Management Plan is included in the Group 1 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023.	NPWS	2023	In progress	The Plan was reviewed in 2023 in consultation with the Heritage NSW and relevant Aboriginal stakeholders and submitted for approval by NSW Heritage on 3 Oct 2023. It will be submitted to NSW Planning following Heritage NSW endorsement.

Source	Condition of consent number	Non-Compliance	Action proposed	Responsible	Proposed completion date	Status	Action completed
2022 AER	82 <sup>1</sup>	A review of the Conservation Works Program has not occurred since 2006.	An annual review of the CWP is being developed for inclusion in 2023 annual environmental report. This will include a list of works (including regular maintenance works), priorities and when works are to be conducted (month/year).	NHS	Dec 23	Completed	An annual review of the CWP was included in the 2022 annual environment report and will be included in 2023 annual environment report. This will include a list of works (including regular maintenance works), priorities and when works are to be conducted (month/year).
2022 AER	94	Heritage Landscape Master Plan requires review every 5 years.	Heritage Landscape Master Plan is included in the Group 1 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023.	Joint	Final quarter 2024	Not completed	This plan is yet to be reviewed. The Heritage Landscape Management Plan will be reviewed after the update of the Conservation Management Plan as recommended by NSW Heritage.
2022 AER	96	Inscriptions Management Plan requires review every 5 years.	Inscriptions Management Plan is included in the Group 1 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023.	NHS	2023	Completed	A review of Inscriptions Management Plan was undertaken in 2023 and has been submitted on 6/11/23 to Heritage NSW and on 6/11/23 to NPWS for approval, and NSW Planning on 27/11/23.

<sup>1</sup> N.b. clause 83 was reported as not-triggered in the 2022 Annual Environmental Report. Refer Appendix A and section 2.



Source	Condition of consent number	Non-Compliance	Action proposed	Responsible	Proposed completion date	Status	Action completed
2022 AER	99	Internal Fit Out Plan to be reviewed	Internal Fit Out Plan is included in the Group 2 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023.	NHS	2023	Completed	A review of Internal Fit Out Plan was undertaken in 2023 and was submitted to NPWS on 23/2/24, NSW Heritage on 4/12/23 and NSW Planning on 27/11/23.
2022 AER	103	Interpretation Plan requires review every 5 years.	Interpretation Plan is included in the Group 1 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023	NPWS	2023	In progress	A review of Interpretation Plan was undertaken in 2023 and has been submitted for approval by NSW Heritage on and NSW on 3 October 2023. It will be submitted to NSW Planning following Heritage NSW endorsement
2022 AER	109	Infrastructure Control Plan requires review every 5 years.	Infrastructure Control Plan is included in the Group 1 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023.	NPWS	2023	In progress	A review of Infrastructure Control Plan was undertaken in 2023 and has been submitted to NSW Heritage for approval on 3 October 2023. It will be submitted to NSW Planning following Heritage NSW endorsement
2022 AER	112	Security Plan requires review every 5 years.	Security Plan is included in the Group 2 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023.	NHS	2023	Completed	A review of Security Plan was undertaken in 2023 and was submitted to NPWS on 22/11/23 and NSW planning on 27/11/23.

Source	Condition of consent number	Non-Compliance	Action proposed	Responsible	Proposed completion date	Status	Action completed
2022 AER	119	Access Strategy requires review every 5 years.	Access Strategy is included in the Group 2 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023.	NHS	2023	Completed	A review of Access Strategy was undertaken in 2023 and was submitted to NPWS on 24/11/23 and NSW Planning on 27/11/23.
2022 AER	138	Ferry service has ceased to operate between Manly and Quarantine Station	Negotiations are taking place with ferry operators with a view to resumption of the ferry service during 2023. Lack of demand when the service operated is a critical factor in the negotiations.	NHS	2023	In progress	NHS is committed to water access to the Quarantine Station however demand is such that ferry operators will not operate such a service. NHS is committed to negotiate with ferry operators.
2022 AER	139	Water-based access. The proportion of visitors accessing the site by ferry is less than 40%.	Negotiations are taking place with ferry operators with a view to resumption of the ferry service during 2023. Lack of demand when the service operated is a critical factor in the negotiations.	NHS	2023	In progress	NHS has used its best endeavour and undertaken all practical measures to ensure compliance. Lack of a ferry service means that NHS is unable to comply. Having said that NHS encourages guests to arrive by shuttle bus, coach or public transport and minimise the use of private vehicles.
2022 AER	180	Co-proponents to contribute funding towards Manly Little Penguin long-term sustainability targets to be reviewed every 5 years.	NPWS and the Recovery Team are considering options for assessing the viability of the population. A funding request to assist with documentation in lieu of the PVA (Population Viability Analysis) will be sought.	Joint	2023	Completed	NHS contribution was paid on 29 November 2023. NPWS has budgeted for the review and has engaged a consultant to commence the review in early 2024.

Q Station Annual Environmental Report – January 2023 to December 2023

Source	Condition of consent number	Non-Compliance	Action proposed	Responsible	Proposed completion date	Status	Action completed
2022 AER	190	Predator and Pest Control Plan to be reviewed every 5 years.	The Predator and Pest Control Plan will be reviewed with the Group 1 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023. NPWS review the Sydney North Area Rabbit Shooting Operations Plan and the Sydney North Area Fox Control Plan which includes North Head Quarantine Station annually	NPWS	2023	Completed	The Predator and Pest Control Plan was reviewed in 2023 in consultation with relevant specialists within NPWS and submitted to NSW Planning on 29 September 2023.
2022 AER	195	Environmental Management Plan	Environmental Management Plan is included in the Group 1 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023.	NPWS	2023	Completed	The EMP was reviewed in 2023 and submitted to NSW Planning on 29 September 2023.
2022 AER	208	Emergency and evacuation plan to be reviewed	Emergency and evacuation plan is included in the Group 2 Site Wide Plans that will be submitted to Department of Planning by 30 June 2023.	NHS	2023	Completed	A review of emergency and evacuation plan was undertaken in 2023 and has been submitted to NPWS for approval on 16/11/23.

Source	Condition of consent number	Non-Compliance	Action proposed	Responsible	Proposed completion date	Status	Action completed
2022 AER	212	Implement bushfire management plans applicable to the site	North Head Fire Management Strategy under review to be completed by mid-2023.	NPWS	2024	Completed	<p>The North Head Fire Management Strategy has been superseded by a new for planning process which will include the <i>Statement of Fire Management Intent: Sydney Harbour – Kamay Botany Bay Fire Planning Landscape</i> and GIS spatial layers.</p> <p>The Statement of Fire Management Intent is currently being implemented in Quarantine Station, with planning for upgrades to Asset Protection Zones underway.</p>
2022 AER	216	Requires updated features to monitor for IMAMS program	IMAMs review to be included in Site Wide Pan submission 30 June	NHS	2023	Completed	<p>Review of IMAM program was undertaken in 2023 was submitted to NPWS on 15/11/23 and NSW Planning 27/11/23, so monitoring can be fully implemented.</p>

## 4. Compliance status summary from 2023 reporting period

**Table 1: Compliance status summary**

<b>Number of non-compliant conditions in reporting period</b>
9

Note: Total number of conditions of MP08\_0041 is 237 (not 233) due to some conditions numbers having multiple conditions (e.g. 99 and 99A)

**Table 2: Non-compliances with CoPA during January 2023 to December 2023**

Condition of consent number	Non-Compliance	Development phase	Evidence and comments	Status
3	It is the ultimate responsibility of the co-proponents to ensure compliance with the conditions of this approval and to ensure compliance by staff and contractors.	Operational	This section of the report summarise non-compliances.	Non-compliant
5	All final reports, reviews, plans made publicly available	Operational	2019, 2020 and 2022 Annual Environment Reports and 2021 Independent Audit report are on Q Station website and/or department's Q Station management plans website. Most original site wide plans are available on the department's website, but some are missing e.g. EMP and infrastructure control plan.	Non-compliant

Condition of consent number	Non-Compliance	Development phase	Evidence and comments	Status
65	An Induction and training program has been developed and is available for staff and contractors. Challenges have been identified in the delivery of these programs.	Operational	Site wide plans have been reviewed in 2023 and have been submitted for approval by NSW Planning, NPWS and where required by NSW Heritage. Site wide plans including the EMP will be made publicly available when approved.  Monitoring data for Social condition indicators were outside acceptable range. Refer Appendix C.	Non-compliant
68	Not all GIS layers required are available	Operational	While most GIS layers required by CPOA 68 are available, the following GIS layers are not currently available: <ul style="list-style-type: none"> <li>• bush regeneration areas, including a history of works</li> <li>• some archaeological information as per the requirements of the North Head Quarantine Station Archaeological Management Plan e.g. areas of ground disturbance, former fences</li> <li>• some monitoring data e.g. penguin and bandicoot road mortalities.</li> </ul>	Non-compliant

Condition of consent number	Non-Compliance	Development phase	Evidence and comments	Status
83	Undertake a regular comprehensive review of the CWP concurrent with or prior to the on-going (5 yearly) comprehensive audits.	Operational	A comprehensive review of the CWP was not undertaken concurrent with the 2022 comprehensive audit. A comprehensive review of the CWP will be undertaken once the in progress review of the DACMP and CMP has been completed.	Non-compliant
94	Review of the Heritage Landscape Master Plan	Operational	The Heritage Landscape Management Plan will be reviewed after the ongoing review of the Conservation Management Plan, as recommended by NSW Heritage.	Non-compliant
138	Ferry Service between Manly and Quarantine Station	Operational	NHS is committed to water access to Quarantine Station however demand is such that ferry operators will not operate such a service. NHS is committed to negotiate with ferry operators.	Non-compliant
139	Within 5 years of the commencement date, the proportion of visitors accessing the site by ferry is between 40% - 50% and stays at this level, or greater, for the life of the project.	Operational	NHS has used its best endeavour and undertaken all practical measures to ensure compliance. Lack of a ferry service means that NHS is unable to comply. NHS has uses its best endeavours and undertaken all practical measures to ensure compliance. Lack of a ferry service means that NHS is unable to comply. Having said that NHS encourages quests to arrive by shuttle bus, coach or	Non-compliant

Condition of consent number	Non-Compliance	Development phase	Evidence and comments	Status
167 and Schedule 5	Monitoring of Long-nosed Bandicoot foraging activity using spotlight transects and surveys of Long-nosed Bandicoot diggings on a three monthly basis comparing areas generally unaffected by the proposal (control areas) with areas potentially affected by the proposal (either by construction activities or visitors).	Operational	<p>public transport and minimise the use of private vehicles.</p> <p>NPWS replaced bandicoot foraging activity monitoring method in CoPA Schedule 5 with annual cage-trapping in consultation with Threatened Species officers. This has been incorporated into the draft 2023 IMAMS and this year's monitoring report (appendix E).</p> <p>Bandicoot monitoring using cage-trapping within the lease area and across North Head was last undertaken in May 2023.</p>	Non-compliant



## 5. Incidents

**Table 3. Summary of incidents for 2023**

Date Incident Occurred	Description of Incident	Action Taken	Response Date	Status of Incident (Open/Closed)
20 March 2023	QS unplanned Power outage	Power restored	20 March 2023	Closed
12 May 2023	QS unplanned Power outage	Power restored	12 May 2023	Closed
15 May 2023	QS unplanned Power outage	Power restored	15 May 2023	Closed
29 June 2023	Leak to fire hydrant at wharf location required emergency works	QS used a shovel to create space around the pipe and have secured a coupling to hold the pressure until a new angle and arm was fitted.	29 June 2023	Closed
25 September 2023	No water to site	Plumber investigated and called Sydney Water	25 September 2023	Closed

## 6. Complaints

Table 4. Summary of complaints for 2023

Date Complaint Received	Complaint	Description of Complaint	Action Taken	Response Date	Status of Complaint (Open /Closed)	Contact
16 June 2023	Laser clay shooting at QS	NPWS received a call to question if NPWS would permit such an activity at QS	NPWS responded providing reassurance that all approvals were in place and the activity was permissible	16/06/2023	Closed	NPWS
18 July 2023	QS Wharf - vessel berthing safety concern	NPWS received a call from a water taxi operator with concerns about the safety of the about the wharf.	NPWS followed up with QS via email 25 July to seeking an engineer inspection report advising wharf is safe to use and any limits the wharf may currently have, including vessel size or berthing restrictions. Also, any required repairs identified following the inspection.		Open	NPWS
Numerous	brush turkeys	NHS hotel guests complained about turkeys in rooms	Turkeys chased out by guests and doors closed (affecting ventilation)	Ongoing	Open	QS staff
Numerous	air conditioning	NHS hotel guests complained about lack of air conditioning in rooms	Consider installation of air conditioning during master planning	Ongoing	Open	QS staff
Numerous	brush turkeys	Guests complained about turkeys in wharf precinct	Turkeys chased away and signage reviewed around feeding / interacting with wildlife	Ongoing	Open	QS staff

### Comments

The co-proponents have improved the complaints handling and reporting systems as part of the Shared Information System, resulting in an increase in complaints recorded for 2023. Ongoing issues include brush turkey behaviour which will be monitored moving forwards. NHS is exploring options to provide air-conditioning in some accommodation, subject to heritage considerations. Repairs to the wharf steps are ongoing.

## 7. Appendices

### Appendix A – Compliance Report January 2023 – December 2023

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
<b>GENERAL</b>					
<b>Documents To Be Complied With</b>					
1	<p>The activity shall be generally carried out in accordance with the Environmental Impact Statement (EIS) “Proposal for the Conservation and Adaptive Re-use, North Head Quarantine Station, Sydney Harbour National Park”, Volumes 1-5, dated 7 September 2001, except where modified by:</p> <p>a) the proposal, including plans, safeguards and mitigation measures, presented in the Preferred Activity Statement (PAS) prepared by the co-proponents dated September 2002;</p> <p>b) preliminary details for the proposed adaptation of Building</p>	Operation	Joint	Activities were carried out in accordance with the EIS, PAS and the exceptions noted in CoPA 1 in sub-paragraphs a to f.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>A6 provided by the co-proponents in a facsimile dated 14 October 2002 and, in the paper, dated 31 October 2002;</p> <p>c) the variations proposed to the PAS by the co-proponents in a letter dated 12 November 2002; and the conditions of this approval (which incorporate the conditions of concurrence and approval granted by the NSW Heritage Council, Minister for Fisheries, Minister for the Environment and the Minister for Infrastructure, Planning and Natural Resources).</p> <p>d) the conditions of this approval (which incorporate the conditions of concurrence and approval granted by the NSW Heritage Council, Minister for Fisheries, Minister for the Environment and the Minister for Infrastructure, Planning and Natural Resources).</p> <p>e) any future variations to the PAS proposed for the site, that are supported by OEH and the Heritage Council, provided that such variations reflect the key site activities approved for the site (see 'Definitions'); and</p> <p>f) all documentation submitted in support of the modification request (MP08_0041 MOD 3),</p>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	including Environmental Assessment prepared by Linchpin Environmental (dated August 2015) and Responses to Submissions and Correspondence from Planning prepared by Mawland Group (dated September 2017).				
2	In the event of any inconsistency with the EIS and PAS, the conditions of approval specified in this schedule and schedules 2 to 9 shall prevail.	Operation	Joint	Noted, there were no inconsistencies with the EIS and the PAS during the reporting period.	Not Triggered
<b>Compliance With Conditions</b>					
3	It shall be the ultimate responsibility of the co-proponents to ensure compliance with the conditions of this approval and to ensure compliance by staff and contractors. The conditions do not relieve the co-proponents of the obligation to obtain all other approvals from relevant authorities required under any other legislation.	Operation	Joint	Noted. This report details the compliance with the approval. Non-compliances are tracked in this report.	Non-compliant
<b>Dispute Resolution</b>					
4	In the case of a dispute between the co-proponents and any public authority, company or person in the implementation of the conditions of approval, the matter shall be referred to the Department of Environment and	Operation	Joint	There were no disputes between the co-proponents during the reporting period.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>Conservation (DEC) in the first instance. If the DEC is unable to resolve the dispute and/or is of the view that further consideration is justified the matter will be referred to the Department of Infrastructure, Planning and Natural Resources (DIPNR). If the matter is still unable to be resolved it shall then be referred to the Minister for the Environment and the Minister for Infrastructure, Planning and Natural Resources for final resolution.</p>				
<b>Public Information</b>					
5	<p>All final reports, reviews, plans and monitoring data referred to in the conditions of approval are to be publicly available, with the exception of material that is commercially sensitive or contains sensitive information regarding Aboriginal heritage or the location\ of threatened species and/or their habitat.</p>	Operation	Joint	<p>2019, 2020 and 2022 Annual Environment Reports and 2021 Independent Audit report are on Q Station website <a href="https://www.qstation.com.au/our-story.html">https://www.qstation.com.au/our-story.html</a> and/or NPWS website</p> <p><a href="https://www.environment.nsw.gov.au/research-and-publications/publications-search/north-head-quarantine-station-management-plans">https://www.environment.nsw.gov.au/research-and-publications/publications-search/north-head-quarantine-station-management-plans</a>.</p> <p>The majority of site wide plans developed in 2005 – 2006 are available on the NPWS website, however some are missing e.g. the Environmental Management Plan, and Infrastructure Control Plan. Site wide plans, except for the Heritage Landscape Management Plan were reviewed in 2023 and have been submitted for approval by NSW Planning and NPWS, and where required by NSW Heritage. Site</p>	Non-compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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wide plans including the EMP will be made publicly available when approved.

**Contact**

6	Prior to the commencement date, the co-proponents shall establish and publicise a contact telephone number, which would enable any member of the general public to reach a person who can arrange appropriate response actions to any queries or complaints received.	Operation	NHS	Contact information has been made publicly available on the Q Station website <a href="https://www.qstation.com.au/contact.html">https://www.qstation.com.au/contact.html</a>	Compliant
7	The co-proponents shall provide to DIPNR, DEC, NSW Waterways Authority and the Heritage Office the name and a 24 hour contact telephone number of at least one person who will have authority to enter any work areas, to take immediate action to stop works or any activity or take other action as necessary. The appointment of this person does not preclude any public authority from entering the site for the purposes of meeting or enforcing their statutory responsibilities.	Operation	NHS	Noted, the contact telephone number has been provided to the authorities.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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**Complaints Register**

8	The co-proponents shall record details of all complaints received, and actions taken and response times. The Complaints Register shall be made available to the Environmental Manager at the end of each week; the auditor for the purposes of the comprehensive audit (condition 226); and at other times as requested by relevant NSW Government agencies.	Operation	Joint	Complaints are recorded in the shared information management system which both proponents can access. 2023 complaints are listed in section 6 of this report.	Compliant
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**COMMENCEMENT**

**Commencement Of Activity**

9	The activity is not to commence until: a) the Plan of Management for Sydney Harbour National Park, prepared under the National Parks and Wildlife Act 1974, has been amended to include provisions enabling the adaptive reuse of the Quarantine Station and until other relevant requirements of section 151B of the Act have been met;	Construction	Joint	Condition satisfied prior to the commencement of operation. a. The Plan of Management for Sydney Harbour National Park was amended prior to the commencement of the activity b. A lease is registered with the NSW Titles Office and numbered AC9289758, which was lodged on 21 February 2007. The lease was assigned to North Head Sydney Pty Ltd on 11/5/2022. c. Approvals were sought before commencement of activity.	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>b) a relevant lease agreement under the provisions of the National Parks and Wildlife (NPW) Act 1974 has been entered into, although the Minister for the Environment, as a co-proponent, shall be at liberty to undertake part or all of the activity prior to the finalisation of a lease;</li> <li>c) the co-proponents have obtained any necessary approvals from relevant authorities required under any other legislation, including the Heritage Act 1977;</li> <li>d) the co-proponents provide documentary evidence to the satisfaction of DIPNR that arrangements have been entered into with relevant agencies and/or private firms for a ferry (the Jenner or a similar vessel) to use wharf facilities at Manly; and</li> <li>e) an emergency and evacuation plan has been prepared for the site by the co-proponents and approved by the DEC (condition 205).</li> </ul>			<ul style="list-style-type: none"> <li>d. A ferry service is seen as the preferred manner of arrival at the Quarantine Station however since 2008, there have been intermittent periods when the ferry was in operation until it ceased in March 2020. NHS is committed to continued discussions with Transport for NSW and ferry operators for this service to become a future reality.</li> <li>e. Emergency and evacuation plan approved in 2005 and reviewed and submitted for approval in 2024</li> </ul>	
10	Notwithstanding condition 9), the co-proponents may undertake the following activities prior to the commencement date:	Construction	Joint	Condition satisfied prior to the commencement of operation.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>a) commence relevant monitoring programs;</li> <li>b) finalise the various strategies, plans and management systems specified in the EIS, PAS or conditions of approval; and</li> <li>c) operate the existing Quarantine Station facilities up to the current level of usage providing this is undertaken in accordance with condition 24), and subject to conditions 9)e) and 210) being met. This is also subject to any relevant approvals being obtained under the NPW Act.</li> </ul>				
11	For the purpose of the conditions of approval the “commencement date” is taken to be the date that DIPNR declares that all of the requirements of condition 9) have been met and that the activity may commence.	Construction	Joint	Noted	Compliant
12	The conditions of this approval shall be incorporated into the lease agreement under NPW Act for the site.	Operation	Joint	The conditions of approval are incorporated in the lease registered with the NSW Titles Office numbered AC9289758, which was lodged on 21 February 2007.	Compliant
<b>DURATION OF PLANNING APPROVAL</b>					
13	This approval is valid for a period of 21 years. Any proposal to extend the approval beyond this period shall	Operation	Joint	Approval was given for the North Head Quarantine Station Conservation and Adaptive Re-Use Proposal on 23 December 2003.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	comply with the relevant legislative requirements that exist at the time the extension is sought.			The approval will expire on 28 December 2024. The co-proponents will not seek an extension of this approval and are negotiating a new approval under Pt 5 of the Environmental Planning and Assessment Act 1979.	
14	An extension to the duration of the planning approval may only be sought if there is a current endorsed conservation management plan for the site.	Operation	Joint	Noted. Refer to evidence in COPA 13 above.	Not Triggered
15	In addition to any specific legislative requirements that may exist at the time an extension to the approval is sought, the application shall be made available for public comment and address: <ul style="list-style-type: none"> <li>the provisions of any relevant endorsed conservation management plans;</li> <li>compliance with the terms of this activity approval and any approved modifications;</li> <li>the outcomes of all monitoring undertaken since commencement of the activity, including the success of any adaptive management measures applied; and</li> <li>the status of any integrated planning undertaken for north</li> </ul>	Operation	Joint	Noted. Refer to evidence in COPA 13 above.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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head, including the role of the site in any such process.

This condition shall not fetter the exercise of any statutory power or discretion of any authority with respect to any proposed extension of the duration of planning approval.

**SCOPE OF APPROVAL**

**Other Infrastructure Approvals**

16	With the exception of minor maintenance repairs or works (as defined) or works in accordance with condition 38) c), prior to undertaking any works associated with the provision of water and sewer services to the site the co-proponents shall consult Sydney Water and obtain a Section 73 Certificate under the <i>Sydney Water Act 1994</i> .	Operation	NHS	Noted . No works associated with the provision of water and sewer services were undertaken during the reporting period.	Not Triggered
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**Aspect Of the Activity Not Approved**

17	Aspects of the activity that are not approved as part of this application are listed in Schedule 2.	Operation	Joint	No works detailed in Schedule 2 were undertaken during this reporting period.	Not Triggered
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**Aspects of the Activity Approved Subject to Modification of Detailed Design**

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
18	Aspects of the proposal that are approved, subject to modifications or further detailed design, are listed in Schedule 3. The outcomes and objectives to be achieved, and the criteria for assessment of the achievement of the outcome or objective, are also detailed in Schedule 3.	Operation	Joint	No works detailed in Schedule 3 were undertaken during this reporting period.	Not Triggered
<b>Adaptation Of Accommodation Facilities</b>					
19	Prior to the commencement of any works associated with the conversion of rooms in any of the accommodation buildings, a sample adaptation within Building P6 must be completed and endorsed by the Heritage Council and DEC. The sample adaptation is to include accommodation room fitout and furnishing	Construction	Joint	Condition satisfied prior to the commencement of operation. Compliance noted in previous annual reports and records maintained onsite.	Compliant
20	With the exception of buildings P1 and P2, which are to remain with their current spatial layout and internal configuration, adaptation of buildings within the First and Second Class Precincts may occur in accordance with the specifications in Table B-2 of the PAS. Adaptation works are to be assessed and approved in accordance with conditions 35)-40),and reflecting	Construction	Joint	Condition satisfied prior to the commencement of operation. Compliance noted in previous annual reports and records maintained onsite.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	the outcomes of the P6 prototype adaptation.				
21	Buildings P1, P2 and the original rooms that are adapted, at the conclusion of the lease, are to be returned to their condition and spatial layout/internal configuration as at the commencement date of the lease. Other permissible alterations include those works that are identified in terms 31 and 38. At all times interpretation of the original spatial layout and internal configuration is to be exhibited prominently near buildings P1 and P2.	Operation	Joint	The lease is valid until 2027, therefore this condition has not yet been triggered.	Not Triggered
<b>Reconstructions</b>					
<b>Buildings P21 And P23</b>					
22	The proposed reconstruction of P21 and P23 and use for environmental and cultural study purposes is approved, subject to: <ul style="list-style-type: none"> <li>a) all existing buildings associated with the Environmental and Cultural Study Centre being made operational first;</li> <li>b) information demonstrating a clear need for the reconstruction based on the management requirements for the ongoing operation of the site (including demonstrated</li> </ul>	Construction	Mawland	<p>S60 Application submitted on 25 August 2011 for the reconstruction of building P21 and P23 for the purpose of educational accommodation within the 3rd Class/Asiatic precinct of the Quarantine Station.</p> <p>NSW Heritage Council approved the S60 Application in a letter dated 26 March 2012.</p> <p>A works certificate was issued on 20 December 2018 for the completion of the buildings.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>market demand for additional student accommodation) being provided to the satisfaction of the Heritage Council and DEC;</p> <p>c) final plans for reconstruction being submitted to and approved by the Heritage Council in accordance with the requirements of the Heritage Act 1977. These plans must incorporate distinctions in design between the two buildings; and</p> <p>d) Compliance with the certification requirements of the NPWS Construction Assessment and Approvals procedure</p>			<p>Letter prepared by Ron Edgar of Form Architects to the Heritage Office, Office of Environment and Heritage on 1 August 2019. Letter details that the reconstruction of Buildings P21 and P23 have been completed in accordance with the provisions of the development consent permitted under Section 60 No 2011/S60/85. A log book / photographic record of the construction stage prepared by Form Architects was also submitted to the Heritage Office detailing the works undertaken.</p>	
<b>Buildings H1 And P22</b>					
23	<p>Reconstruction and use of buildings H1 and P22 is approved, subject to:</p> <p>a) final plans for reconstruction being submitted to and approved by the Heritage Council in accordance with the requirements of the Heritage Act 1977;</p> <p>b) compliance with the certification requirements of the NPWS Construction Assessment and Approvals Procedure; and</p> <p>c) if, after reconstruction commences or is completed, further alterations</p>	Construction	Mawland	<p>Section 60 Application was submitted to DEC in November 2005 for the Reconstruction of Buildings H1 and P22. This work was approved for construction on 31 March 2006.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	to the buildings are proposed, these shall require assessment and approvals under the relevant legislation.				
<b>Restrictions On Use</b>					
24	Use of the site and the undertaking of the activity must proceed in accordance with uses permissible under the NPW Act 1974 (as amended).	Operation	Joint	The site is used only in accordance with the uses permissible under the NPW Act 1974.	Compliant
25	Buildings in the Third Class/Asiatic Precinct shall be used only for accommodation, interpretation and education purposes as specified in the PAS. Building P27 may also be used for special events, functions and/or conferences but only as a secondary use to education and interpretation.	Operation	Joint	The buildings in the Third Class / Asiatic Precinct are only used for the approved purposes. Building P27 is used for additional functions as required.	Compliant
26	Regular public tours of the site must form a component of the operation of the Quarantine Station and be run during publicly accessible periods, including weekends and public holidays.	Operation	NHS	Public tours of the site can be booked online; <a href="https://www.qstation.com.au/tours.html">https://www.qstation.com.au/tours.html</a> They include: <b>Ghostly Encounters</b> 2.5 hours duration Available Weds-Sun 8 – 10.30pm (Mon & Tues if demand requires) <b>Ghost Trackers</b>	Compliant



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
				2 hours duration Available weekends and school holidays <b>Q Station Paranormal Investigation</b> 4 hours Available every Thursday <b>Quarantine Wander History Tour</b> 1 hour Available daily 11am <b>Q Station Wildlife Explorers Tour</b> 1.5 hours Available from 4pm on Saturday, Sunday and Public Holiday	
27	Timber buildings shall not be used for the storage of fuel or other flammable materials.	Operation	NHS	The only fuel on site at Q Station is a small quantity of petrol stored in jerry cans in the metal maintenance shed.	Compliant
<b>INTEGRATED PLANNING</b>					
28	The co-proponents shall contribute to any future initiatives focused on the development of an integrated planning approach for North Head, or components thereof, such as transport, infrastructure and utilities,	Operation	Joint	The co-proponents are active members of the North Head Stakeholder Group which meets regularly to discuss and make decisions and contributions on these items, including water access.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	accommodation and/or visitor access. Opportunities for providing general water access to North Head via Quarantine wharf shall be considered in developing such an approach, with a focus on the potential impacts of such access on the values of the Quarantine Station and implications for visitor management.				
29	In order to minimise the requirement for on-site parking, the co-proponents shall undertake consultations with other land managers at North Head regarding options for off-site car parking. The outcome of these discussions shall be reported on an annual basis as part of the annual environmental report (Condition 221).	Operation	Joint	There has been no requirement for off-site parking at the Q Station during this reporting period.	Not Triggered
30	The co-proponents shall undertake discussions with the Sydney Harbour Federation Trust or future land manager regarding a cooperative and integrated approach to the future management and interpretation of the 3rd Cemetery.	Operation	Joint	Management of the 3rd Cemetery is conducted in accordance with the North Head Sanctuary Management Plan prepared in 2011 ( <a href="#">north-head-sanctuary-management-plan.pdf</a> ( <a href="#">harbourtrust.gov.au</a> )).  NPWS participated in consultation for the draft North Head Sanctuary Master Plan.	Compliant

**STAGING, CERTIFICATION AND UNDERTAKING OF WORKS**

**Staging Of Works**

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
31	<p>The undertaking of works as part of the activity shall generally occur in accordance with the staging plan specified in Table F-1 of the PAS, subject to the following modifications:</p> <ul style="list-style-type: none"> <li>a) references to the “DACMP” shall be deleted and replaced with “Conservation Works Program (condition 78)”;</li> <li>b) references to “QSARG” shall be deleted;</li> <li>c) 50% of the Conservation Works Program medium term works shall be completed by the end of stage 2;</li> <li>d) upgrade of the fire hydrant system shall be completed within 5 years of the commencement date in accordance with condition 211);</li> <li>e) revisions to building and conservation works as follows: <ul style="list-style-type: none"> <li>• adaptation of P12 shall occur in Stage 2</li> <li>• adaptation of P10 shall occur in Stage 3</li> <li>• an approach to sampling and adaptation of the bathrooms in P14-16 shall be prepared during Stage 1 (refer Schedule 3); and</li> </ul> </li> </ul>	Construction	Mawland	The staging plan was submitted prior to the commencement of the works detailed in the Conservation Work Program.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	f) amend the staging plan so that two free public open days are to be held in every twelve-month period, in accordance with condition 126).				
32	The co-proponents shall not commence works associated with Stage 2 of the staging plan until the works and project planning actions specified in Stage 1 have been substantially completed to the satisfaction of the DEC and the Heritage Council.	Construction	Mawland	The staging plan was submitted prior to the commencement of the works detailed in the Conservation Work Program.	Compliant
33	The co-proponents shall not commence works associated with Stage 3 of the staging plan until the first comprehensive audit has been completed (condition 228) and any requirements or directions issued by the DEC, DIPNR or the Minister for Infrastructure, Planning and Natural Resources under conditions 232) and 233) have been complied with.	Construction	Mawland	The staging plan was submitted prior to the commencement of the works detailed in the Conservation Work Program.	Compliant
34	The co-proponents shall not commence works associated with Stage 4 of the staging plan until the DEC and the Heritage Council are satisfied that a significant proportion of the remaining Conservation Works Program (condition 78)) medium term works have been completed during	Construction	Mawland	The staging plan was submitted prior to the commencement of the works detailed in the Conservation Work Program.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>Stage 3. Compliance with this condition shall be determined as follows:</p> <ul style="list-style-type: none"> <li>a) if Stage 4 is not scheduled to commence within 3 years of the commencement date, then 100% of all medium-term works must be completed before Stage 4 works may proceed; or</li> <li>b) if Stage 4 is scheduled to commence within 3 years of the commencement date, then at least 75% of the total medium-term works must be completed before Stage 4 works may proceed.</li> </ul>				
<b>General Works</b>					
35	<p>The co-proponents shall comply with the requirements of the NPWS Construction Assessment and Approvals Procedure for all relevant construction works to be carried out under this approval, except where varied by the conditions of this approval. All relevant construction works includes:</p> <ul style="list-style-type: none"> <li>a) all works that require the disturbance or alteration of fabric, buildings and other structures;</li> <li>b) installation or upgrading of utility infrastructure and any maintenance</li> </ul>	Operation	NHS	There were no works during the reporting period requiring compliance with the NPWS Construction Assessment Procedures.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>or upgrade work that requires the excavation of new lines or locations or involves the discharge of polluting substances (as defined); and</p> <p>c) landscape works in accordance with the adopted Heritage Landscape Management Plan that require ground surface disturbance, or the installation of new landscape elements including car park construction and road works.</p>				
36	<p>Any application for construction work within the Quarantine Station site must be submitted to the Heritage Advisor for review prior to lodgement with the DEC and Heritage Council. This requirement can be waived at the discretion of the Heritage Advisor, except for those works specified in the conditions of approval as requiring approval from the Heritage Council.</p>	Operation	NHS	There were no works during the reporting period that required Heritage Advisor review.	Not Triggered
37	<p>The co-proponents must submit as part of any application for construction works the following additional information (where it is relevant to the particular proposal) to that required under the NPWS Construction Assessment and Approvals Procedure:</p>	Operation	NHS	There were no construction works during the reporting period.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>a) a statement of compliance with the relevant policies of the QSCMP, DACMP, relevant site-wide plans and/or requirements of the conditions of this approval, or clear justification for any proposed variances;</li> <li>b) details of all materials, fittings, fixtures and other specifications;</li> <li>c) details of proposed construction techniques;</li> <li>d) sample boards and coloured elevations showing proposed materials and colours, based on research into historic colour schemes as required;</li> <li>e) a schedule of fabric and other materials to be sampled consistent with the fabric sampling guidelines [condition 86) d)] and sampling provisions for asbestos and rainwater systems (condition 111) and bathroom fixtures [condition 99) b)];</li> <li>f) for carparks:                             <ul style="list-style-type: none"> <li>• details of the stormwater management system based on the guideline “Managing Urban Stormwater – Soils and Construction” (DoH 1998)</li> <li>• an assessment of the soil and hydrological characteristics</li> </ul> </li> </ul>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>downslope of the proposed carparks</p> <ul style="list-style-type: none"> <li>• the proposed maintenance program for structures associated with the carpark (eg. stormwater cells)</li> </ul> <p>g) a historical archaeological assessment to comply with the requirements of the North Head Quarantine Station Archaeological Management Plan (2000);</p> <p>h) an outline of environmental and/or heritage impacts and proposed mitigative measures or safeguards, including procedures for avoiding impacts on flora and fauna; and</p> <p>i) proposed monitoring and maintenance procedures, where relevant.</p>				
38	<p>Notwithstanding the above, approvals in accordance with the NPWS Construction Assessment and Approvals Procedure are not required for the following matters, where these are undertaken in accordance with the provisions of the Conservation Works Program or relevant side-wide plan(s):</p> <ul style="list-style-type: none"> <li>a) painting and carpeting;</li> <li>b) basic essential services, such as upgrading of electrical wiring,</li> </ul>	Operation	NHS	Noted. No approvals required in accordance with the NPWS Construction Assessment.	Compliant



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>installation of power points, telephone connections, etc;</p> <p>c) infrastructure works which involve the essential repair or replacement of existing facilities in the same location using “like-for-like” technology, or where this is not available, appropriate contemporary technology;</p> <p>d) the provision of external lighting, signage and waste receptacles; and</p> <p>e) minor maintenance repairs or works (as defined).</p>				
39	<p>Prior to works commencing, the co-proponents shall notify the Environmental Manager and provide evidence that the necessary approvals have been obtained in accordance with the NPWS Construction Assessment and Approvals Procedure.</p>	Operation	NHS	<p>The North Head Sydney Project Manager refers all proposed works and approvals to the NPWS Environmental Manager.</p>	Compliant
<b>NSW Heritage Council Approvals</b>					
40	<p>Prior to any construction works commencing, the co-proponents shall submit the detailed design and working drawings for the project to the NSW Heritage Council for approval</p>	Operation	NHS	<p>No construction works during the reporting period.</p>	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
<b>Wharf</b>					
41	<p>If necessary, a separate application and approval under Part 5 of the EP&amp;A Act 1979 and other relevant legislation will be required for:</p> <ul style="list-style-type: none"> <li>a) upgrade works to the wharf, including any works that require excavation or disturbance of the seabed. This excludes use by the proposed ferry service, lighting, works identified in the PAS and minor maintenance repairs or works (as defined) that do not impact on the seabed and; and/or</li> <li>b) provision of additional ferry services or watercraft access to the Quarantine Station.</li> </ul>	Operation	NHS	There has been no upgrade works or provision of ferry services during the reporting period requiring approval	Not Triggered
42	<p>Prior to commencement of any work on or associated with the Quarantine Station wharf, or the commencement of the ferry service at the wharf, the co-proponents shall lodge an Application for Construction of Waterside Structures to the Waterways Authority for approval. This application must be submitted to the Heritage Advisor for endorsement prior to lodgement with the Waterways Authority. The application shall be accompanied by</p>	Operation	NHS	There has been no upgrade works or provision of ferry services during the reporting period requiring approval	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>the information and comply with the requirements specified in Schedule 4. Prior to determining the application, the Waterways Authority shall consult with NSW Fisheries.</p> <p><i>Note: Waterways Authority is now Transport for NSW.</i></p>				
<b>Access To Store Beach</b>					
43	<p>A separate application and approval under Part 5 of the EP&amp;A Act 1979, and other relevant legislation, will be required for the provision of independent access to Store Beach, or any works associated with the upgrading of the existing access track or construction of any new tracks to Store Beach.</p>	Operation	Joint	No works were undertaken regarding access to Store Beach during the reporting period.	Not Triggered
<b>Operating Certificate</b>					
44	<p>The co-proponents shall apply to the DEC for an Operating Certificate (as defined), prior to the commencement of operation of the following facilities:</p> <ul style="list-style-type: none"> <li>a) therapeutic health facility (P5);</li> <li>b) educational facilities;</li> <li>c) restaurant, food service and beverage facilities;</li> <li>d) accommodation facilities; and</li> </ul>	Construction	Mawland	<p>The Operating Certificate for:</p> <ul style="list-style-type: none"> <li>• Accommodation was issued by DEC on 18 March 2008</li> <li>• Ferry service was issued on 17 December 2010</li> <li>• Food and Beverage 19 January 2011</li> </ul>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	e) the ferry service.				
<b>Archival Recording</b>					
45	<p>Archival recording shall be carried out at two stages:</p> <p>a) <b>prior to any adaptation work commencing on a building, historic item (including infrastructure) or cultural landscape element</b> - the archival recording shall be submitted to and endorsed by the Heritage Advisor prior to works commencing. This shall form part of the application for construction works where applicable; and</p> <p>b) <b>on completion of adaptation works</b> - the archival recording shall be submitted to the Heritage Advisor for endorsement. This shall form part of the application for a Compliance Certificate in accordance with the NPWS Construction Assessment and Approvals Procedure where applicable. Archival recording will also be required during the removal of any fabric on site that exposes significant fabric/detail.</p>	Construction	Mawland	<p>Archival Recording, prior to and on completion of adaption work, was submitted to the Heritage Advisor and included in the applications for construction works and Compliance certificate by the previous lessee of the site.</p> <p>There was no adaption work during the reporting period.</p>	Compliant
46	The form of archival recording required is:	Construction	Mawland	The archival recording required prior to the commencement of adaption works and prepared by	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>a) <b>archival record prior to commencement of adaptation works</b> - the archival record shall meet the minimum standards for recording outlined in the Archaeological Management Plan. It shall include measured drawings of all buildings and structures and photographic recording; and</p> <p>b) <b>archival record for completed adaptation works</b> – the archival record shall comprise “as-built” drawings of all buildings and structures that have been the subject of adaptation works indicating the location and detail of changes.</p>			the previous lessee of the site met the minimum standards and the recording for completed adaptation works comprised the ‘as built’ drawings.	
47	Measured drawings shall be prepared in accordance with the NSW Heritage Office guidelines ‘How to prepare archival records of heritage items’.	Construction	Mawland	Measured drawings were prepared in accordance with the guidelines by the previous lessee of the site	Compliant
48	Photographic records shall be prepared in accordance with the NSW Heritage Office ‘Guidelines for photographic recording of heritage sites, buildings, structures and movable items’.	Construction	Mawland	Photographic records were prepared in accordance with the guidelines by the previous lessee of the site	Compliant
49	A copy of the archival record shall be lodged with DEC and the NSW Heritage Office.	Construction	Mawland	A copy of the archival record was lodged by the previous lessee of the site	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
<b>Emergency Works</b>					
50	Notwithstanding any other conditions of this approval, in the event that emergency works are required to be undertaken, the co-proponents shall take all reasonable steps to ensure that these occur as expeditiously as possible. Emergency works are works of a temporary and reversible nature which are urgently required to arrest an imminent threat to life, safety, public liability, and/or threat to the fabric or property.	Operation	NHS	No Emergency Works were undertaken within the reporting period.	Not Triggered
51	Where the co-proponents consider it is necessary to undertake emergency works, notification shall be given to the Heritage Council and the NPWS as soon as possible and direction sought on further procedures to be implemented.	Operation	NHS	No Emergency Works were undertaken within the reporting period.	Not Triggered
<b>ENVIRONMENTAL MANAGER</b>					
52	Prior to the commencement of construction works the co-proponents shall appoint a suitably qualified Environmental Manager (EM). The appointment of the EM shall be subject to the approval of the DEC and DIPNR. The co-proponents shall provide to the	Operation	NPWS	The Environmental Manager was recruited and approved by NPWS and commenced on 12 June 2023. This position reports to the Area Manager, Sydney North Area. The Environmental Manager was approved was approved by NSW Planning on 13 June 2023.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>DEC and DIPNR the following information:</p> <ul style="list-style-type: none"> <li>a) the qualifications and experience of the EM;</li> <li>b) the roles and responsibilities of the EM; and</li> <li>c) the authority and independence of the EM</li> </ul> <p>The EM shall be engaged for the duration of the approval</p>			<p>There were no construction works during the reporting period.</p> <p>Environmental Manager duties were covered by the NPWS Environmental Liaison Officer from 11 July 2022 until 12 June 2023.</p>	
53	<p>The EM shall</p> <ul style="list-style-type: none"> <li>a) undertake the specific actions identified in the conditions of approval;</li> <li>b) oversee the undertaking of the activity in accordance with the conditions of approval;</li> <li>c) contribute to the development, and oversee the implementation of, the EMP and the associated integrated monitoring and adaptive management system as it relates to environmental management;</li> <li>d) facilitate an environmental management module as part of an induction and training program for all persons involved with the construction works;</li> <li>e) for the first five years from the commencement date, provide six</li> </ul>	Operation	NPWS	<p>Noted.</p> <p>The EM oversaw the activity and liaised with the lessee around requirements of the COPA lease and other planning document.</p> <p>The EM assisted in the review of the EMP, other site wide plans and IMAMS.</p> <p>The EM was not required to oversee any construction works during the reporting period and there was no requirement to stop works for any unacceptable impacts during the reporting period.</p> <p>There was no requirement for the EM to advise any stakeholder of any major issues on site during the reporting period.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>monthly (or as required) status reports to the DEC which shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>• progress in implementation of approval conditions as these relate to environmental management (this shall include monitoring programs)</li> <li>• complaints and responses to these</li> <li>• any breaches of conditions and response</li> <li>• compliance or other issues arising;</li> </ul> <p>f) have the authority to stop work immediately if, in the view of the EM, an unacceptable impact is likely to occur as a result of the undertaking of the activity, or to require other reasonable steps to be taken to avoid or minimise any adverse impacts;</p> <p>g) be available during construction activities at the site and be present on-site during any critical construction activities as defined in the EMP; and</p> <p>h) immediately advise the co-proponents, DEC, DIPNR, the Heritage Council and/or the Waterways Authority (depending on the issue involved) of any major</p>				



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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issues resulting from the undertaking of the activity that have not been dealt with expediently or adequately by the co-proponents.

**HERITAGE ADVISOR**

54	<p>Prior to the intended commencement of construction works the co-proponents shall appoint a suitably qualified Heritage Advisor. The appointment of the Heritage Advisor shall be subject to the approval of the DEC and the Heritage Council. The co-proponents shall provide to the DEC and the Heritage Council the following information prior to any appointment being made:</p> <ul style="list-style-type: none"> <li>a) the qualifications and experience of the Heritage Advisor;</li> <li>b) the roles and responsibilities of the Heritage Advisor;</li> <li>c) the authority and independence of the Heritage Advisor.</li> </ul> <p>The appointment of the Heritage Advisor shall be for a period agreed to by the Heritage Council and DEC. The Heritage Council and the DEC shall review the functioning of the Heritage</p>	Operation	NHS	<p>Mawland appointed Ron Edgar of Form Architects as its Heritage Advisor. On the 7/3/2023 NPWS was advised of the temporary appointment of Jennifer Hill of Architectural Projects as its Heritage Advisor in place of Ron Edgar due to his ill health. A profile of Architectural Projects was forwarded to NPWS. On 6/12/23 both NSW Heritage and NPWS were advised of the death of Ron Edgar and the appointment of Jennifer Hill as the NHS Heritage Advisor for the site.</p>	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	Advisor upon receipt of the six monthly status reports [condition 55) d)].				
55	<p>The Heritage Advisor shall:</p> <p>a) assess applications for construction works with respect to heritage matters and provide advice to the NSW Heritage Council (condition 40) and DEC. This shall include, but not be limited to, ensuring that all plans and specifications submitted with applications for construction works are prepared in accordance with:</p> <ul style="list-style-type: none"> <li>• the conditions of approval</li> <li>• the requirements of any relevant site-wide plans and Precinct Plans</li> <li>• the QSCMP and DACMP, where applicable.</li> </ul>	Operation	NHS	There were no construction works during the reporting period.	Not Triggered
	<p>The Heritage Advisor shall also have responsibility for approving such applications, if the NSW Heritage Council delegates this function.</p> <p>b) review all site-wide plans prior to lodgement with the relevant approval body to ensure that these are generally in accordance with the QSCMP and DACMP;</p>	Operation	NHS	NSW Heritage Council has not delegated this function.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	c) undertake regular inspections of works in progress and, where appropriate or as specified by the DACMP, either directly supervise works or require the co-proponents to appoint a suitably qualified person to supervise works;	Operation	NHS	There were no construction works during the reporting period.	Not Triggered
	d) for the first three years from the commencement date, provide status reports to the Heritage Council and DEC every six months or as required which shall include, but not be limited to: <ul style="list-style-type: none"> <li>• applications for construction works approved and works undertaken to date</li> <li>• the next 3-6 months schedule of works</li> <li>• compliance or other issues arising; and</li> </ul>	Construction	Mawland	The Heritage Advisors have participated and supervised all construction works (where required) including applications for Section 60 approvals, inspections, preparation of plans.	Compliant
	e) have the authority to stop work immediately if, in the view of the Heritage Adviser, an unacceptable impact is likely to occur, or to require other reasonable steps to be taken to avoid or minimise any adverse impacts with respect to those matters for which a	Operation	NHS	There were no construction works during the reporting period.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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construction application is required or where maintenance work is being conducted

**COMMUNITY CONSULTATION**

**Quarantine Station Community Committee**

56	Within three months from the commencement date the co-proponents shall establish a Quarantine Station Community Committee (QSCC). The QSCC may be established as a subcommittee of the NPWS Sydney Region Advisory Committee or as a full Advisory Committee under the NPW Act, or some other suitable arrangement approved by the DEC. The QSCCC shall report to the DEC.	Operation	Joint	The QSCC was established as required by this condition. Subsequent to its establishment its name was changed to Quarantine Station Community Consultative Committee. In 2023 a new chairperson was appointed to the committee. Membership of the committee was reviewed with some members retiring and new members appointed to fill the vacancies.	Compliant
57	The QSCCC shall be chaired by an independent chairperson approved by the DEC and DIPNR and comprise representatives with relevant expertise and experience from appropriate community interest groups, Aboriginal communities and local government. Representatives from relevant government agencies or other individuals may be invited to attend meetings by the Chairperson.	Operation	Joint	An independent chairperson of the QSCCC was approved by NPWS and the Department of Planning.  The committee also comprises 7 community representatives and a local government representative. Representatives from NHS and NPWS also attend meetings.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
58	<p>The general functions of the QSCCC shall include:</p> <p>a) provide comment and recommendations to the co-proponents on proposals or relevant matters including the development and implementation of site-wide plans (as defined), the integrated monitoring program, annual environmental reports, comprehensive audit reports and compliance with the conditions of this approval; and</p> <p>b) provide a communication channel between the community, the co-proponents and the determining and approval authorities on matters relating to the Quarantine Station. The conditions of approval also include other specific functions of the QSCCC</p>	Operation	Joint	<p>Comments and recommendations from the QSCCC to the co-proponents can be found in the minutes of the committee located at</p> <p><a href="https://www.qstation.com.au/our-story.html">https://www.qstation.com.au/our-story.html</a></p> <p>and <a href="http://www.environment.nsw.gov.au/about-us/who-we-are/advisory-committees/quarantine-station-community-consultative-committee">www.environment.nsw.gov.au/about-us/who-we-are/advisory-committees/quarantine-station-community-consultative-committee</a>.</p> <p>During the reporting period the committee has provided comments on:</p> <ul style="list-style-type: none"> <li>• the NHS vision to revitalise the site</li> <li>• draft reviewed EMP and site wide plans</li> <li>• draft integrated monitoring and adaptive management program</li> <li>• draft annual environmental report and annexures.</li> </ul>	Compliant
59	<p>The QSCCC shall meet at least quarterly during the first 3 years from the commencement date and thereafter on an as needs basis, as determined by the Committee. The Committee shall function for the duration of this approval. Minutes are to be taken for each Committee meeting.</p>	Operation	Joint	<p>The committee has met every three [3] months, except one meeting during covid pandemic since commencement of the activity.</p> <p>Meeting minutes from the QSCCC can be found at:</p> <p><a href="https://www.environment.nsw.gov.au/about-us/who-we-are/advisory-committees/quarantine-station-community-consultative-committee">https://www.environment.nsw.gov.au/about-us/who-we-are/advisory-committees/quarantine-station-community-consultative-committee</a>; and</p> <p><a href="https://www.qstation.com.au/our-story.html">https://www.qstation.com.au/our-story.html</a></p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
				<p>4 meetings were held within the reporting period:</p> <ul style="list-style-type: none"> <li>• Meeting #79 on 8 February 2023</li> <li>• Meeting #80 on 10 May 2023</li> <li>• Meeting #81 on 9 August 2023</li> <li>• Meeting #82 on 8 November 2023</li> </ul>	
60	<p>The co-proponents shall:</p> <p>a) provide the Committee with regular information on the environmental performance and management of the activity;</p> <p>b) provide all relevant plans, including site-wide plans (as defined), to the Committee for comment prior to their approval by the relevant authority;</p> <p>c) ensure the Committee has reasonable access to the necessary plans and reports and is provided with sufficient time to carry out its functions;</p> <p>d) consider the recommendations and comments of the Committee and provide a response to the Committee;</p> <p>e) provide the Committee with access to sufficient resources to perform its functions, including: a meeting space; photocopying, phone and</p>	Operation	Joint	<p>The co-proponents have complied with these conditions. During the reporting period the committee has been provided with:</p> <ul style="list-style-type: none"> <li>• details of NHS vision to revitalise the site</li> <li>• draft reviewed EMP and site wide plans</li> <li>• draft integrated monitoring and adaptive management program</li> </ul> <p>All comments received from committee members were considered and the plans and reports amended to incorporate some of the comments, where appropriate.</p> <p>Meeting minutes from the QSCCC can be found at:  <a href="https://www.environment.nsw.gov.au/about-us/who-we-are/advisory-committees/quarantine-station-community-consultative-committee">https://www.environment.nsw.gov.au/about-us/who-we-are/advisory-committees/quarantine-station-community-consultative-committee</a> and  <a href="https://www.qstation.com.au/our-story.html">https://www.qstation.com.au/our-story.html</a></p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>fax facilities; computer/printer and supervised access to the site;</p> <p>f) make any resolutions or decisions arising from Committee meetings available for public inspection within fourteen days of the Committee endorsing the written record of any such resolutions or decisions, or as otherwise agreed by the Committee; and</p> <p>g) shall, depending on the frequency of meetings and workload of the Committee, consider reimbursing community representatives for reasonable expenses associated with their work on the Committee</p>				

**CONTRACTORS**

**Environmental Management System**

61	Contractors engaged in the undertaking of the activity must be able to demonstrate a commitment to environmental management. Demonstration should be by way of commitment to a recognised Environmental Management System in accordance with NSW Government guidelines and/or a proven satisfactory environmental management performance record.	Operation	NHS	<p>A register of contractors working at Q Station during the reporting period is kept on site.</p> <p>NHS requires a commitment to the EMP and PAS from all contractors prior to commencement of work.</p> <p>All contractors receive instructions from NHS project manager, the Q Station maintenance supervisor and where necessary from the Q Station Interpretation Officer prior to commencement of work on site.</p>	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
<b>Appropriately Skilled Contractors and Consultants</b>					
62	All works, including those works identified in the DACMP as requiring specialist expertise, shall be carried out by:  a) for construction works - licensed, suitably qualified and, where appropriate, specialised tradespersons; and  b) for planning and assessment works - suitably qualified and specialised staff, consultants and/or contractors.	Operation	NHS	There were no construction works undertaken during the reporting period.  Planning work for proposed internal upgrades has been undertaken by suitably qualified consultants.	Compliant
63	Prior to the commencement of works the co-proponents shall submit a list of appropriately qualified and/or experienced heritage specialists (particularly architects, landscape planners and builders) to the Heritage Council and DEC for approval. The list shall include at least 3 specialists in each relevant field where possible. All specialists contracted to work on-site shall be those identified as a preferred contractor, unless otherwise approved by the Heritage Council and DEC.	Operation	NHS	There were no construction works undertaken during the reporting period.	Not Triggered
64	The co-proponents shall ensure that all contractors, sub-contractors and consultants working on the site are aware of the relevant conditions of	Operation	NHS	NPWS and NHS both have an induction process for contractors prior to commencement of works on site. Where a contractor is used for multiple works, the induction is updated as necessary. All relevant	Compliant



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	approval for the activity and have been provided with sufficient training and awareness regarding the conservation values of the site.			<p>conditions of approval are discussed in the induction training.</p> <p>An induction register is kept by the QS General Manager or head contractor (where appropriate).</p>	
<b>Training For Contractors and Staff Working on Heritage site</b>					
65	<p>a) An induction and training program shall be developed by a suitably qualified person and provided to the following persons within 1 week of those persons commencing duties/works:</p> <ul style="list-style-type: none"> <li>All contractors and sub-contractors, who will be required to attend such a program through the provision of a clause in all contracts for on-site works: and</li> <li>All staff employed on the site, including but not limited to shuttle bus drivers(s) and ferry crew, whether on a permanent, temporary, contract or casual basis. Staff working on the site for a period longer than 12 months must undertake a refresher program every year.</li> </ul> <p>The program shall include, but not be limited to, an environmental management module outlining the natural and cultural heritage</p>	Operation	Joint	<p>NPWS and NHS both have an induction process for contractors prior to commencement of works on site. Where a contractor is used for multiple works, the induction is updated as necessary. All relevant conditions of approval are discussed in the induction training.</p> <p>All Q Station staff attend an induction session at the commencement of their position.</p> <p>An induction register is kept by the QS General Manager or head contractor (where appropriate).</p> <p>2023 Monitoring has indicated that there are challenges in the implementation of refresher staff and contractor induction program and an on-line delivery of these programs will be considered through 2024.</p> <p>There is no access to the site for any vehicles other than service delivery vehicles, NPWS vehicles and NHS vehicles. The drivers of such vehicles are instructed and made aware of significance of the site.</p>	Non-compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>significance or the site and procedures to be followed while working on site, and</p> <p>b) An education and awareness program shall be developed and provided by a suitably qualified person for companies providing services such as, but not limited to, coach and bus access, service delivery and other regular vehicle access to the site within one month of them accessing the site.</p>				

**INFORMATION MANAGEMENT AND DOCUMENTATION**

**Information Management System**

66	<p>The co-proponents shall develop and implement a computer-based information management and Geographic Information System (GIS) for the site. The requirements of the State Records Act 1998 and other relevant legislation, standards and guidelines shall be taken into account in developing the system.</p>	Operation	Joint	<p>A computer-based information management system was developed for the site using Teams and Sharepoint in June 2022 and is currently being refined.</p> <p>A GIS has been developed for the site, with spatial data available from departmental corporate layers. GIS spatial layers not currently available are being developed by NPWS where practicable.</p> <p>Spatial layers are available to NHS for their own use via a Data Usage Agreement. While NHS cannot directly access the NPWS GIS, this can be shared with NHS via Teams on as needs basis.</p> <p>The co-proponents will continue to work together facilitate GIS access and capacity building for NHS.</p>	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
67	An outline of the system is to be submitted to the DEC for approval within 12 months of the commencement date. Implementation of the system must commence within 3 months of the date its approval.	Operation	Joint	<p>An outline of the computer-based information management system and GIS was developed and approved by NPWS for the site in 2007. The history of implementation is not known.</p> <p>During the reporting period, a computer-based information management system and GIS was developed and implementation has commenced.</p>	Compliant
68	<p>The primary role of the system shall be to document decision making by providing a record of all works and management actions taken, and provide current information on resources and assets at the site. The system must be regularly updated and record and reference a range of information, including but not limited to the following:</p> <ul style="list-style-type: none"> <li>a) all approvals issued for works;</li> <li>b) all works undertaken, including renovation, construction and regular maintenance works (date, what work, location etc);</li> <li>c) monitoring programs implemented;</li> </ul>	Operation	Joint	<p>A cloud-based shared management system and file sharing between co-proponents was established in late 2022 via Microsoft Teams and refined during 2023. This system includes requirements listed in condition 68. The system supports files to be securely shared, including tracking spreadsheets to record and monitor approvals issues for works, works undertaken, complaints, events and incidents,</p> <p>A GIS has been developed for the site, with spatial data available from departmental corporate layers.</p> <p>While NHS cannot directly access GIS due to licensing and capacity constraints, the GIS can be shared with NHS via Teams on as needs basis. Spatial layers are available to NHS for their own use via a Data Usage Agreement.</p>	Non-compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>d) references to building plans, files, maps, design specifications and other documents;</p> <p>e) Conservation Works Program schedules, including a list of works (including regular maintenance works), priorities and when works are to be conducted (month/year);</p> <p>f) Moveable Heritage and Resources Plan (condition 85); and</p> <p>g) GIS data layers:</p> <ul style="list-style-type: none"> <li>• location of lease boundary</li> <li>• locations of standing buildings, inscriptions, former fence lines and barriers, cultural landscape features and other historic structures, works and paths</li> <li>• archaeological information as per the requirements of the North Head Quarantine Station Archaeological Management Plan</li> <li>• locations of Aboriginal archaeological sites</li> <li>• locations of threatened flora species, Eastern Suburbs Banksia Scrub, and high-use foraging habitat for the Long-nosed Bandicoot</li> </ul>			<p>The co-proponents will continue to work together facilitate GIS access and capacity building for NHS.</p> <p>The GIS contains data layers for:</p> <ul style="list-style-type: none"> <li>• lease boundary</li> <li>• locations of standing buildings and historic heritage items</li> <li>• locations of Aboriginal archaeological sites</li> <li>• locations of threatened flora species and communities e.g. Eastern Suburbs Banksia Scrub</li> <li>• areas subject to bushfire hazard reduction and/or wildfires, including fire history</li> <li>• locations of all existing and new site services and infrastructure</li> <li>• locations of all new works (including carparks, reconstructions, signs, lights, fences, paths)</li> <li>• data from some monitoring programs, as relevant (including penguin nesting sites, bandicoot observations and threatened fauna and fauna sightings)</li> </ul> <p>The following GIS layers required by COPA 68 are not currently available:</p> <ul style="list-style-type: none"> <li>• bush regeneration areas, including a history of works</li> <li>• some archaeological information as per the requirements of the North Head Quarantine Station Archaeological Management Plan e.g. areas of ground disturbance, former fences</li> </ul>	

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>• areas subject to bushfire hazard reduction and/or wildfires, including fire history</li> <li>• bush regeneration areas, including a history of works</li> <li>• locations of all existing and new site services and infrastructure</li> <li>• locations of all new works (including carparks, reconstructions, signs, lights, fences, paths)</li> <li>• data from monitoring programs, as relevant (eg. Longnosed Bandicoot and penguin mortalities).</li> </ul>			<ul style="list-style-type: none"> <li>• some monitoring data e.g. penguin and bandicoot road mortalities.</li> </ul> <p>GIS spatial layers not currently available are being developed by NPWS, where practicable.</p>	
69	The co-proponents shall undertake a review of the information management and GIS system every five years after the commencement date for the duration of the activity. The review shall focus on the effectiveness of the system for managing data, and currency of information contained within the system, and be submitted to the DEC. The co-proponents shall comply with all reasonable requirements of the DEC with respect to the outcomes of the review.	Operation	Joint	The co-proponents have reviewed the shared information system and GIS throughout 2023.	Compliant

**ABORIGINAL HERITAGE**

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
70	<p>The co-proponents shall prepare and implement an Aboriginal heritage management plan for the Quarantine Station in partnership with the relevant Aboriginal community group/s. the plan shall be submitted to the Heritage Council and DEC for approval within 12 months of the commencement date.</p> <p>The plan shall provide a strategic framework for conserving and managing Aboriginal cultural heritage values and provide a schedule of conservation works. It must consider all Aboriginal cultural heritage values associated with the Quarantine Station site, including physical site, wild resource use, and social values in a traditional, historical and contemporary context.</p>	Operation	NPWS with MLALC	A 'North Head Aboriginal Site Management Report' was prepared in 2009 by the Aboriginal Heritage Office.	Compliant
71	<p>The plan shall address, but not be limited to, the following matters:</p> <ul style="list-style-type: none"> <li>a) the identification of key stakeholders and their interest;</li> <li>b) the identification and documentation, as appropriate, of Aboriginal cultural values, taking into account values associated more broadly with North Head, and provide a statement of significance;</li> </ul>	Operation	NPWS	A 'North Head Aboriginal Site Management Report' was prepared in 2009 by the Aboriginal Heritage Office.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>c) document the results of an audit of all Aboriginal sites known to occur in the lease area. The audit shall:</p> <ul style="list-style-type: none"> <li>• review and consolidate records from all previous investigations at the Quarantine Station</li> <li>• record any previously unrecorded sites, and identify any site duplications</li> <li>• develop an Aboriginal site data layer for use on the Quarantine Station GIS database (access restrictions to data will be determined in consultation with the relevant Aboriginal community group/s);</li> </ul> <p>d) constraints and opportunities;</p> <p>e) conservation policy / objectives;</p> <p>f) strategies or actions;</p> <p>g) provide a schedule of conservation works required for Aboriginal sites within the lease area. The schedule should be based on the recent conservation assessment conducted by AMBS (2002) for the NPWS, and shall be incorporated into the Conservation Works Program (condition 78);</p> <p>h) management responsibilities, performance measures and monitoring procedures; and</p>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	i) liaise with DEC and use the information to update the NPWS Aboriginal Heritage Information Management System.				
72	The co-proponents shall undertake a review of the Aboriginal Heritage Management Plan every five years after the commencement date for the duration of the activity. The review shall be undertaken in consultation with the Heritage Council, DEC and relevant Aboriginal stakeholders. On the basis of the review the co-proponents shall, as necessary, prepare a revised Aboriginal Heritage Management Plan to be submitted to the Heritage Council and DEC for approval.	Operation	Joint	The Aboriginal Heritage Management Plan was reviewed in 2023 in consultation with the Heritage NSW and relevant Aboriginal Stakeholders, and submitted to NSW Heritage for approval on 18 November 2023.	Compliant
73	Any conservation works for Aboriginal sites are to be undertaken in accordance with the plan and schedule of conservation works and in consultation with the relevant Aboriginal community group/s.	Operation	Joint	No conservation works for Aboriginal sites undertaken during this reporting period.	Not Triggered
74	The co-proponents will, undertake on-going consultation with the relevant Aboriginal community groups on aspects of the proposal and operation of the site that relate to Aboriginal	Operation	Joint	During the reporting period there has been on-going consultation with the Aboriginal community and involvement in Q Station Open Days.  Consultation is continuing with the Aboriginal community for the operation and North Head	Compliant




CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>heritage. These aspects shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>a) the development of protocols for Aboriginal community involvement in the management of Aboriginal heritage within the lease area;</li> <li>b) the development of educational material and tours interpreting Aboriginal heritage;</li> <li>c) opportunities for establishing a centre for Aboriginal cultural heritage on site;</li> <li>d) on-going evaluation of the Aboriginal cultural heritage values of the site (to include both new information on historical associations and emerging contemporary values of the place, such as wild resource use); and</li> <li>e) other relevant matters identified in consultations between the co-proponents and the Aboriginal communities. Relevant groups and individuals to be consulted shall be determined in consultation with the DEC.</li> </ul>			Sydney's future vision for the site that relates to Aboriginal Heritage.	
75	There shall be no promotion of or public access to Aboriginal sites within the Quarantine Station unless endorsed by the relevant Aboriginal community group/s and the DEC.	Operation	Joint	There is no promotion of or public access to Aboriginal Sites within the Quarantine Station.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
76	<p>A fence shall be installed near the southwest end of Building A14-17 to limit public access to Cannae Point within twelve months of the commencement date. The location and design of the fence shall:</p> <ul style="list-style-type: none"> <li>a) be determined in consultation with the relevant Aboriginal community groups;</li> <li>b) take into account fencing requirements for the protection of Little Penguin habitat (see condition 174); and</li> <li>c) be designed in consultation with the DEC prior to the lodgement of an application for construction work.</li> </ul>	Operation	NHS	<p>This fence was installed in 2008 in accordance with this condition.</p> 	Compliant

**HISTORIC HERITAGE**


**Conservation Works Program**


77	<p>For the purposes of the following conditions of approval, conservation works are those works that are essential and necessary to retain the cultural significance of the place. This may include, but is not limited to:</p> <ul style="list-style-type: none"> <li>a) building, landscape and infrastructure works to the extent that these demonstrably contribute</li> </ul>	Operation	NHS	<p>The ongoing conservation works are documented in Appendix D.</p>	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>to the physical conservation of the site;</p> <ul style="list-style-type: none"> <li>b) curatorial work on inscriptions, archives, artefacts and moveable heritage;</li> <li>c) environmental management programs, such as erosion, weed and feral animal control;</li> <li>d) a portion of works to improve visitor access within the site (being basic works, such as disabled access ramps, that are considered essential to provide equitable access and to minimise visitor impacts); and</li> <li>e) a portion of works to improve visitor understanding of the significance of the place (being basic works, such as interpretive displays).</li> </ul> <p>It does not include:</p> <ul style="list-style-type: none"> <li>a) works associated with the planning, design and the physical reconstruction of buildings P21, P22, P23 and H1;</li> <li>b) assessment work or documentation undertaken as part of the preparation of the EIS or PAS, including design drawings;</li> <li>c) assessment work or documentation to be undertaken as</li> </ul>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>part of the preparation of detailed design plans for proposed adaptation work; or</p> <p>d) works completed prior to the commencement date, with the exception of urgent works identified in the DACMP.</p>				
78	<p>The co-proponents shall prepare and submit a final Conservation Works Program (CWP) to the Heritage Council and the DEC for approval as follows:</p> <p>a) Stage 1 of the CWP encompassing works required for all buildings, structures and landscape elements, including but not limited to those identified in the DACMP and the asbestos sampling and replacement strategy (condition 111), shall be prepared within six months of the commencement dates: and</p> <p>b) Stage 2 of the CWP encompassing all works identified for Aboriginal sites (Condition 70), the Moveable Heritage and Resources Plan (Condition 85), Heritage Landscape Master Plan (Condition 91), Inscriptions Plan (Condition 95), Interpretation Plan (Condition 100) and Infrastructure Control Plan (as relevant – Condition 105)</p>	Construction	Mawland	A Conservation Works Program was approved in 2006 by NPWS on 12 May 2006 and the Heritage Council on 01 June 2006.	Compliant


CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	shall be prepared and incorporated into the CWP as soon as practicable				
79	<p>For all heritage items covered by condition 78) above, the CWP shall include, but not be limited to the following:</p> <ul style="list-style-type: none"> <li>a) identification of all conservation works and priorities at a site level. This should identify urgent works (0-1 year), medium term work (1-3 years) and long-term work (3-5 years);</li> <li>b) identification of all works relevant to ensuring public health and safety for each building or historic item (such as the removal and stabilisation of asbestos materials);</li> <li>c) identification of any issues requiring further assessment or research, an approach for addressing this, and a timeframe where appropriate;</li> <li>d) an outline of the methodology, materials and standards to be followed for all maintenance works; and</li> <li>e) identification of any on-going monitoring requirements.</li> </ul>	Construction	Mawland	A Conservation Works Program was approved in 2006 by NPWS on 12 May 2006 and the Heritage Council on 01 June 2006.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
80	Following the approval of Stage 1 of the CWP, the co-proponents shall undertake the urgent and medium term priority conservation works in accordance with the staging plan for the activity, as amended by condition 31).	Construction	Mawland	A Conservation Works Program was approved in 2006 by NPWS on 12 May 2006 and the Heritage Council on 01 June 2006.	Compliant
81	All conservation works, excluding minor maintenance repairs or works (as defined), shall be conducted in accordance with the Conservation Works Program.	Operation	NHS	Noted, the annual review of the conservation works forms part of the 2023 Annual Environment Plan (Appendix D)	Compliant
82	The co-proponents shall undertake a review of the CWP concurrent with or prior to the first comprehensive audit of the activity (condition 228), and thereafter on an annual basis as part of the overall annual environmental report (condition 221). An annual review is not required in the year that a comprehensive review of the CWP occurs (condition 83).  The review must be undertaken in consultation with the DEC and the Heritage Council, and include:  a) a list of conservation works implemented;  b) the identification of any additional conservation works required to be undertaken. This must include	Operation	NHS	The annual review of the CWP forms part of the 2023 Annual Environment Report (refer Appendix D)    Interpretative display in H6, Morgue	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>specific consideration of the condition of all asbestos items and actions required to ensure that public health and safety standards are met ; and</p> <p>c) information on the amount spent on conservation works (including maintenance works) within the site annually, together with independent verification of expenditures provided by a quantity surveyor. The information should include a breakdown on costs and works undertaken.</p> <p>Advice must be sought from the relevant Aboriginal community group/s, an appropriately qualified and experienced conservation practitioner and other specialists as required in the review process.</p>			<p>Cleared building drain</p>  <p>Hallway in one of the cottages</p>	
83	<p>The co-proponents shall undertake a regular comprehensive review of the CWP concurrent with or prior to the ongoing (5 yearly) comprehensive audits of the activity (condition 228). The review shall be undertaken in consultation with the Heritage Council and the DEC. In addition to the matters referred to above, the review shall include a re-assessment of the condition of each heritage item (historic</p>	Operation	Joint	<p>A comprehensive review of the CWP was not undertaken concurrent with the 2022 comprehensive audit.</p> <p>A comprehensive review of the CWP will be undertaken once the in progress review of the DACMP and CMP has been completed.</p>	Non-complaint

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	and Aboriginal) and a reassessment of conservation priorities.				
84	On the basis of the comprehensive review and the outcomes of the comprehensive audit process (condition 226) the co-proponents shall, as necessary, prepare a revised CWP to be submitted to the DEC and the Heritage Council for approval.	Operation	NHS	The next Comprehensive Audit is not due until 2026 after the current planning approval has expired. NHS will comply with conditions regarding a revised CWP included in the planning approval for the site.	Not Triggered
<b>Moveable Heritage and the Resource Collection</b>					
85	The co-proponents shall submit a Moveable Heritage and Resource Collection Plan within 12 months of the commencement date. The plan shall include all items of moveable heritage and items from the resource collection. The plan shall address the requirements of the State Records Act 1998 and other relevant legislation and be prepared by a suitably qualified person with demonstrated skills and experience in the management of archival collections.  The plan shall be reviewed by the Heritage Advisor and submitted to the DEC and the Heritage Council for approval. Implementation of the plan must commence within 3 months of its approval.	Operation	NPWS	A Moveable Heritage and Resource Collection Plan was prepared in 2007. The Plan was approved by National Parks and Wildlife Service on 20 April 2007 and the Heritage Office on 10 August 2007.	Compliant



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
86	<p>The plan shall include, but not be limited to:</p> <ul style="list-style-type: none"> <li>a) the documentation and recording of all moveable heritage and resource collection items, to be registered on a database system;</li> <li>b) a condition assessment of each moveable heritage item and, as appropriate, items in the resource collection and a prioritised schedule of conservation works required. This shall be incorporated into the Conservation Works Program (condition 78);</li> <li>c) collection management guidelines, including:                             <ul style="list-style-type: none"> <li>• a system for referencing and recording information for all items, with an ability to incorporate new information and/or items as it becomes available;</li> <li>• storage requirements for all items, including:                                     <ul style="list-style-type: none"> <li>- consideration of whether items should be stored on or off-site.</li> <li>- conservation requirements for housing and storing items.</li> </ul> </li> </ul> </li> </ul>	Operation	NPWS	<p>The 2007 Moveable Heritage Plan was approved as it included all listed clauses.</p> <p>The 2023 reviewed plan is updated with recommendations for prioritised work . Work in 2023 has prioritised completing the documentation with photographs of all items on Ehive.</p>  <p>Documenting moveable heritage collection items in P14 Storage room for update in Ehive, collection management system</p>	Compliant


CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>- an approach to the documentation and storage of fabric and materials removed during construction and adaptation works. This should consider the requirements outlined in the DACMP; and</li> <li>• a system and protocols for public access to items, and the loan of items outside the Quarantine Station;</li> </ul> <p>d) fabric and material sampling guidelines, with reference to the minimum requirements outlined of the Archaeological Management Plan; and</p> <p>e) identify and implement a system for cross-referencing the collections held by other institutions (eg. State Records NSW and the National Archives of Australia) which relate to the Quarantine Station site</p>				
87	No items of moveable heritage or items from the resource collection shall be used for display purposes or made available on loan outside the Quarantine Station until the Moveable Heritage and Resources Plan has been adopted	Operation	Joint	After approval of 2007 plan, items from the collection continue to be displayed in the Visitor Centre and other buildings across the site. These locations are documented in the 2023 review.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
88	The display, storage, loan and public access of moveable heritage must be undertaken in accordance with the Moveable Heritage and Resources Plan	Operation	Joint	There have been no loans of moveable heritage items in 2023. Items are stored and displayed for public access in accordance with the 2007 plan	Compliant
89	The co-proponents shall undertake a review of the Moveable Heritage and Resources Plan every five years after the commencement date for the duration of the activity. On the basis of the review the co-proponents shall, as necessary, prepare a revised Moveable Heritage and Resources Plan to be submitted to the DEC and Heritage Council for approval.	Operation	NPWS	The review of the Moveable Heritage and Resources Plan has been completed. This plan was updated in 2021 and submitted to NSW Heritage. The re-formatted plan with minor amendments was re-submitted to Heritage NSW for approval on 3 October 2023.	Compliant
<b>Heritage Landscape Master Plan</b>					
90	The cultural landscape will be conserved, managed and interpreted primarily to reflect its 1958-84 form(the Aviation phase). The interpretation of earlier landscape conditions is appropriate providing there is demonstrated compliance with the policies in the QSCMP, DACMP and Interpretation Plan (condition 100) or a clear justification for any proposed variances.	Operation	NHS	Noted. The cultural landscape is conserved, managed and interpreted in accordance with the Heritage Landscape Plan 2005.	Compliant
91	The co-proponents shall engage a qualified horticulturist, arborist and	Construction	Mawland	The Heritage Landscape Management Plan was prepared by Thompson Berrill Landscape Design	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	heritage landscape specialist to prepare a site wide Heritage Landscape Master Plan within 18 months of the commencement date. The plan shall be reviewed by the Heritage Advisor and submitted to the DEC and Heritage Council for approval.			Pty Ltd in August 2005. The plan was approved by National Parks and Wildlife Service and the Heritage Office on 15 September 2006.	
92	<p>The Plan must address, but not be limited to:</p> <ul style="list-style-type: none"> <li>a) objectives for the management of the cultural landscape, including geology and soils, cultural plantings, bushland, paths and edgings, fences and walls, cemeteries, grave markers, and former landscape features;</li> <li>b) an assessment of the condition of existing cultural plantings (including grassed areas), walls, fences, stormwater drains, paths and edgings, and identification of areas of soil erosion and contamination;</li> <li>c) a prioritised schedule of conservation and/or remediation works to be incorporated into the Conservation Works Program (condition 78);</li> </ul>	Construction	Mawland	The Heritage Landscape Management Plan addresses and includes the items referenced in this condition.	Compliant


CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>d) proposed changes to the existing landscape, to be supported by research where necessary;</p> <p>e) proposed management protocols, practices and maintenance works for all landscape features. This should include, but not be limited to:</p> <ul style="list-style-type: none"> <li>• stabilisation of eroded areas</li> <li>• drainage, irrigation and use of fertilisers</li> <li>• treatment of lawn edges and bushland/lawn interfaces, including natural regenerated areas where these have encroached on significant historic sites</li> <li>• monitoring and treatment of trees</li> <li>• species list and guidelines for cultural plantings, including a re-planting strategy</li> <li>• the introduction of new plant or organic materials</li> <li>• materials and construction techniques to be used in landscaping works.</li> </ul> <p>f) a bush regeneration program (as defined);</p> <p>g) identify general areas where the planting of new vegetation to</p>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>provide small-scale shelter habitat for Long-nosed Bandicoots could occur without significant impact on the cultural landscape (condition 165);</p> <p>h) monitoring requirements; and</p> <p>i) consider the following specific issues:</p> <ul style="list-style-type: none"> <li>• First Class Precinct Plan – options for re-instatement of the covered walkway from Building P6 to Building P5, as required by the DACMP, and potential impacts associated with these;</li> <li>• Third Class / Asiatic Precinct – options for reinstatement of selected former access paths within the precinct as an interpretive tool;</li> <li>• Entry area at Building A2 (refer Schedule 3) – identify appropriate design outcomes for the entry area at Building A2 and consider options such as a courtyard or reversible deck, to balance the new uses for this area with the unadorned nature of the Quarantine Station landscape and the historical and archaeological context of the location; and</li> </ul>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	Second Cemetery – identify options for formalising access to and within the Second Cemetery, including options for a single stabilised path or constructed walkway. Consideration should be given to: design and materials; and potential environmental impacts and mitigative strategies.				
93	<p>All landscape works, excluding minor maintenance works (as defined), are to be undertaken in accordance with the adopted Heritage Landscape Master Plan, with the following exceptions:</p> <ul style="list-style-type: none"> <li>a) <b>car park construction</b> – where an application for</li> <li>b) construction works is approved prior to the adoption of the Plan; and</li> <li>c) <b>the establishment of a stabilised path or walkway in the Second Cemetery (condition 92)</b> – where an application for construction works is approved prior to the adoption of the Plan</li> </ul>	Operation	Joint	<p>Plantings of the endangered Sunshine Wattle and other native shrubs and groundcover species were undertaken to infill existing patches of native vegetation and were undertaken in accordance the Heritage Landscape Master Plan.</p> 	Compliant
94	The co-proponents shall undertake a review of the Heritage Landscape Master Plan every five years after the	Operation	Joint	The Heritage Landscape Master Plan has not yet been reviewed. The Heritage Landscape Management Plan will be reviewed after the review	Non-Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>commencement date for the duration of the activity. The review shall be undertaken with advice from a heritage landscape specialist and other relevant specialists. On the basis of the review the co-proponents shall, as necessary, prepare a revised Heritage Landscape Master Plan to be submitted to the DEC and the Heritage Council for approval.</p>			<p>of the Conservation Management Plan as recommended by Heritage Council of NSW (Resolutions only – Approvals Committee dated 4 April 2023)</p>	
<b>Inscriptions / Engravings</b>					
95	<p>The co-proponents shall engage an appropriately qualified and experienced conservation specialist in rock art or stone conservator to prepare an Inscriptions Management Plan within 18 months of the commencement date. The plan shall be reviewed by the Heritage Advisor and submitted to DEC and the Heritage Council for approval.</p> <p>The plan will cover the engravings, inscriptions, pit cover engravings and wall inscriptions together with options for managing public access such as fencing and re-alignment of the lower walkway from the Hospital to Wharf Precincts. The plan shall:</p> <p>a) provide a brief description of the location, significance and condition</p>	Operation	Mawland	<p>An Inscription Management Plan was attached as Appendix C to the Heritage Landscape Management Plan (May 2006) and approved.</p>	Compliant



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>of all engravings and inscriptions within the site;</p> <p>b) identify the need for further recording or documentation of engravings and inscriptions;</p> <p>c) outline objectives and strategies for the management of the engravings and inscriptions. In identifying management options, an assessment of potential environmental impacts of works must be undertaken and incorporated into the document. At a minimum, this must address all works requiring direct contact with the surface of inscriptions and engravings, such as cleaning, graffiti removal, taking of moulds and repainting;</p> <p>d) provide a prioritised schedule of works, including conservation works and a maintenance program, as required, to be incorporated into the Conservation Works Program (condition 78); and</p> <p>e) develop an on-going monitoring program to assess the condition of engravings and inscriptions.</p>			 <p>Inscriptions in the Wharf Precinct</p>	
96	The co-proponents shall undertake a review of the Inscriptions Management Plan every five years after the commencement date for the duration of	Operation	NHS	The Inscriptions Management Plan was reviewed in 2023 and submitted on 6/11/23 to Heritage NSW	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	the activity. The review shall be undertaken with advice from relevant specialists. On the basis of the review the co-proponents shall, as necessary, prepare a revised Inscriptions Management Plan to be submitted to the DEC and the Heritage Council for approval.			and on 6/11/23 to NPWS for approval. It contains recommendations for future conservation works.	
97	No works shall be undertaken on, or in respect to the inscriptions or engravings prior to the adoption of the Inscriptions Management Plan. Any interim arrangements to manage access to the inscriptions for interpretive purposes must be approved by the DEC and the Heritage Council.	Operation	Joint	No works have been undertaken with respect to the inscriptions or engravings during the reporting period.	Not Triggered
98	All conservation works on the engravings and inscriptions shall be undertaken by an appropriately qualified and experienced conservation specialist. For the rock engravings, this means a qualified and experienced rock art or stone conservator	Operation	Joint	No conservation works on the engravings and inscriptions have been undertaken during the reporting period.  Details of an appropriately qualified and experienced conservation specialist were included in the draft 2023 Inscriptions Management Plan for approval by NSW Heritage and NPWS.	Not Triggered

**Internal Fitout**

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
99	<p>The co-proponents shall engage a suitably qualified and experienced person to prepare a site wide plan for internal building fit out within 12 months of the commencement date. The plan shall be reviewed by the Heritage Advisor and submitted to DEC and the Heritage Council for approval. All internal fittings installed across the site must be consistent with the adopted plan.</p> <p>The Plan shall:</p> <ul style="list-style-type: none"> <li>a) outline the specifications and style of all new plumbing, telecommunication and electrical fittings, and floor coverings to be installed across the site. It must include taps, spouts, shower heads, basins, baths, toilets, electrical fittings, carpets and floor tiling, etc, and demonstrate consistency with the relevant policies of the DACMP; and</li> <li>b) outline an approach to sampling of bathroom and toilet fitouts across the site from the 1958-62 period, taking into account the relevant policies of the DACMP.</li> </ul>	Construction	Mawland	An Internal Fit Out Plan was approved by the Heritage Office on 13 June 2005 and NPWS on 25 January 2006.	Compliant

**Archaeology**

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
99A	<p>a) An Excavation Permit must be obtained before the commencement on site of any works involving potential disturbance of relics. An archaeologist (Excavation Director) approved by the Heritage Council must be appointed to undertake all archaeological work.</p> <p>b) The research design outlined in the Quarantine Station Detailed Area Conservation Management Plan (QSDACMP) must form the basis for interpretation of archaeological deposits and relics.</p> <p>c) Provision must be made in a public area of the Quarantine Station site to display relics or other historical or research material relevant to the historical development of the site. This display must be integrated with the Interpretation Plan.</p> <p>d) Should substantial intact archaeological deposits or features not identified in the Archaeological Assessment be discovered, work must cease in the affected area(s) and the Heritage Office contacted for advice. Additional assessment and approval may be required prior to works continuing in the affected</p>	Operation	NHS	No excavation or archaeological works were undertaken during the reporting period that involved the potential disturbance of any relics.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>area(s) based on the nature of the discovery.</p> <p>e) The archaeologist must remain present during the course of all excavation works in the archaeologically sensitive areas of the proposed development.</p> <p>f) The archaeologist must be allowed access to archaeological deposits at all times during mechanical excavation and mechanical excavation must cease at the request of the archaeologist, to allow for investigation of archaeological remains.</p> <p>g) Opportunities for public visitation to the site will be provided during the program of archaeological works and, where appropriate, community and student volunteers will be invited to participate in field work.</p> <p>h) The excavation permit will be valid only while the approved excavation is being carried out under the direction of the nominated Excavation Director</p> <p>i) The Excavation Director must carry out the excavation in accordance with the approved research design and methodology. Any substantial deviations from the approved research design (including extent</p>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>and techniques of excavations) must be approved by the Director, Heritage Office.</p> <p>j) The Excavation Director must take adequate steps to record relics, structures and features discovered on the site during the excavation in accordance with current best practice guidelines and the approved research design.</p> <p>k) The co-proponents must endeavour to ensure that the unexcavated artefacts, structures and features are not subject to deterioration, damage or destruction.</p> <p>l) The co-proponents shall be responsible for the safe-keeping of all relics recovered from the site.</p> <p>m) The Excavation Director shall be responsible for ensuring that the artefacts are cleaned, stabilised, identified, labelled, catalogued and stored in a way that allows them to be retrieved according to both type and provenance.</p> <p>n) The Heritage Council and the Heritage Office reserve the right to inspect the site and records at all times and access any relics recovered from the site.</p>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>o) The co-proponents shall prepare a final report on the excavation, to publication standard, within one year of the conclusion of the project unless an extension of time is approved by the Heritage Council. Two copies of this report must be submitted to the Heritage Office. A further copy must be retained on site as part of the interpretive collection.</p> <p>p) The final report shall include:</p> <ul style="list-style-type: none"> <li>• an executive summary;</li> <li>• due credit on the title page to the co-proponents paying for the excavation;</li> <li>• an accurate site location and site plan;</li> <li>• historical research, references, and bibliography;</li> <li>• detailed information on the excavation including the aim, the context for the excavation, procedures, analysis, treatment of artefacts (cleaning, conserving, sorting, cataloguing, labelling, scale drawings, photographs, repository);</li> <li>• nominated repository for the items;</li> </ul>				


CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>detailed response to research questions; and</li> <li>details of how this information about this excavation has</li> <li>been publicly disseminated.</li> </ul> <p>q) Should any Aboriginal relics be uncovered, or excavation or disturbance of the area occur, work is to stop immediately and the National Parks and Wildlife Service is to be informed in accordance with the NPW Act 1974.</p>				


**INTERPRETATION**

**Interpretation Plan**

100	<p>Prior to the commencement of any new interpretive activities or educational tours on the site, the co-proponents shall submit a final Interpretation Plan to the DEC and the Heritage Council for approval. The Interpretation Plan must be prepared by a suitably qualified and experienced interpretive planner in accordance with the policies and objectives outlined in the QSCMP and DACMP. The plan must detail the approach to presenting the significance of the place and address the following matters:</p>	Operation	Mawland	<p>The Interpretation plan was prepared and approved by DEC in 2005 for the site.</p> <p><a href="https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Parks-reserves-and-protected-areas/Parks-plans-of-management-other-documents/quarantine-station-interpretation-plan.pdf">https://www.environment.nsw.gov.au/-/media/OEH/Corporate-Site/Documents/Parks-reserves-and-protected-areas/Parks-plans-of-management-other-documents/quarantine-station-interpretation-plan.pdf</a></p>	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>a) the interpretation objectives and principles for the site and the proposal;</li> <li>b) a targeted analysis of the significance of the place and the primary and secondary interpretation themes and messages for the site;</li> <li>c) identify the key target audiences for interpretation;</li> <li>d) identify the preferred options for delivery of interpretive programs (eg. signage, guided tours, publications, Internet, etc); and</li> <li>e) detail methods for monitoring and evaluating the implementation of the Plan.</li> </ul>				
101	<p>The Interpretation Plan shall also address the following site-specific matters:</p> <ul style="list-style-type: none"> <li>a) the provision of interpretive material in the proposed visitor centre (Buildings A14-17) that allows all visitors to the site to gain an understanding of the context, significance and history of the Quarantine Station;</li> <li>b) opportunities for the establishment of theme museums or displays across the Quarantine Station site;</li> </ul>	Operation	Mawland	<p>The approved Interpretation plan addresses and includes the site-specific matters as required under this condition.</p> 	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>c) interpretation of the full length of the former Funicular route;</p> <p>d) interpretation of Buildings P17, A18 ,A24 and S6;</p> <p>e) interpretation of earlier landscape conditions (refer condition 90); and</p> <p>f) controlled tour access to the internal areas of accommodation buildings. This includes access to the Dining Room area in Building P5 when this room is not otherwise in use for function-based dining;</p>			<p><b>Interpretative display in Visitor Centre</b></p>  <p>The image shows a digital display with two main sections. The top section is titled 'FUNICULAR STAIRWAY' and features a photograph of a stone staircase. The bottom section is titled 'A TRANSPORT CORRIDOR FOR GUESTS' and features a photograph of a building. The display includes text and navigation arrows.</p>	
102	All interpretive activities on the Quarantine Station shall be undertaken in accordance with the approved Interpretation Plan.	Operation	Joint	All activities during the reporting period were undertaken in accordance with the key themes and messaging of the 2006 Interpretation Plan.	Compliant
103	<p>The co-proponents shall undertake a review of the Interpretation Plan every five years after the commencement date for the duration of the activity. The review shall be undertaken by a suitably qualified and experienced interpretive planner, in consultation with the Heritage Council. The review shall include, but not be limited to:</p> <p>a) the range of interpretive programs being offered at the Quarantine Station. This shall include a review of the content, methods of delivery</p>	Operation	NPWS	The Interpretation Plan was reviewed in 2023 and submitted to NSW Heritage for approval on 3 October 2023. Comments received from NSW Heritage on the plan are being currently being considered.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>and consideration of contemporary best practice in interpretation;</p> <p>b) consider relevant results of the visitor monitoring program and adaptive management responses;</p> <p>c) consider the provisions of any current endorsed conservation management plan for the site; and</p> <p>d) provide recommendations for any revisions to the Interpretation Plan.</p> <p>On the basis of the review the co-proponents shall, as necessary, prepare a revised Interpretation Plan to be submitted to the DEC for approval.</p>				

**INFRASTRUCTURE**

**Further Approvals**


104	A separate application and approval under Part 5 of the EP&A Act 1979 and other relevant legislation will be required for any amplification of the existing water supply and sewerage system. This does not include on-site works identified for the upgrading of the fire hydrant system or the installation of water tanks in the area adjoining the Lower Reservoir.	Operation	NHS	No applications have been made under Part 5 of the EP&A Act 1979 during this reporting period for the amplification of the existing water supply and sewerage system.	Not Triggered
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**Infrastructure Control Plan**

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
105	The co-proponents shall prepare a site-wide Infrastructure Control Plan to be submitted within 12 months of the commencement date. The plan shall be prepared in consultation with NSW Fisheries, Environment Protection Authority, Sydney Water, Energy Australia and other relevant authorities. With the exception of the matters detailed in condition 106) c), the plan shall be reviewed by the Heritage Advisor and submitted to DEC and the Heritage Council for approval.	Construction	Mawland	The Infrastructure Control Plan was approved by National Parks and Wildlife Services on 05 November 2008	Compliant
106	The plan shall address, but not be limited to, the following: <ul style="list-style-type: none"> <li>a) an assessment of the location, current capacity and condition of the water supply and sewerage system;</li> <li>b) an assessment of the current condition of the internal roads;</li> <li>c) minimum design standards for internal roads, including the location and design principles for all proposed road infrastructure, including road surfaces, edges, speed humps and signs. These shall take into account all relevant industry standards and codes, as well as the historic heritage value of the roads.</li> </ul>	Construction	Mawland	The Infrastructure Control Plan was approved by National Parks and Wildlife Services on 05 November 2008 and includes the information required by this condition.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>d) Notwithstanding the provisions of condition 105) or condition 112), within 6 months of the commencement date the co-proponents shall submit for approval of the DEC sufficient information regarding the minimum design standards to enable compliance with conditions 145)-146) and 148);</li> <li>e) provide a scaled map and GIS data layer (condition 66) showing the location and route of all water, sewerage, stormwater, power, telecommunications, roads and any related infrastructure across the site, both existing and disused services. It shall identify materials and likely period of installation, and be linked to a list of upgrade specifications for each infrastructure component;</li> <li>f) provide a schedule and map indicating the location of all significant services to be retained and conserved, as per the requirements of the DACMP;</li> <li>g) a schedule of repair and maintenance works and new works proposed including a prioritisation of works and timeframes. Priority should be given to the identification of any works needed to upgrade or</li> </ul>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>replace the fire hydrant system. The principle of common trenching of services should be adopted for all new works proposed;</p> <p>h) identify strategies to improve stormwater management, including:</p> <ul style="list-style-type: none"> <li>• opportunities for reducing stormwater discharge from the site, including options for redirecting stormwater discharge away from Quarantine Beach</li> <li>• an assessment of works required to secure the stormwater outlet at Quarantine Beach to minimise public safety risk</li> <li>• assess the need to install a flow dissipator into the stormwater outlet at Quarantine Beach. Any design shall must not inhibit fish passage</li> <li>• assess the need to install gross pollutant traps at or near stormwater discharge outlet/s and carparks;</li> <li>• a monitoring program to allow an on-going assessment of the consumption and capacity of the water supply and sewerage</li> </ul>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>systems. This shall include the identification of triggers for system upgrades; and</p> <p>i) an emergency strategy for utility infrastructure failures or malfunctions, to include sewerage system overloads and overflows, power failures and water supply.</p>				
107	<p>All infrastructure maintenance and upgrade works, excluding minor maintenance repairs or works (as defined) and priority traffic calming measures (conditions 145)-146), shall be undertaken in accordance with the adopted Infrastructure Control Plan.</p>	Operation	NHS	<p>Infrastructure maintenance works and upgrade works during the reporting period were undertaken in accordance with the Infrastructure Control Plan (ICP).</p> 	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
				 <p><b>Replacement of Heritage power lines</b></p>  <p><b>Traffic calming measure on wharf road near S5 cottage</b></p>	
108	All investigative techniques employed in preparing the Infrastructure Control Plan shall be non-destructive and non-polluting (as defined) and comply with the relevant industry guidelines and standards. Approval from the DEC and	Operation	NHS	All techniques employed in the preparation of the ICP was non-destructive and non-polluting and comply with the relevant industry guidelines and standards.	Compliant



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	other relevant authorities will be required for any techniques that will or may have an environmental impact.				
109	The co-proponents shall undertake a review of the Infrastructure Control Plan every five years after the commencement date for the duration of the activity. The review shall be undertaken in consultation with those agencies listed in condition 105) above, relevant public authorities and infrastructure providers. On the basis of the review the co-proponents shall, as necessary, prepare a revised Infrastructure Control Plan to be submitted to the DEC for approval.	Operation	NPWS	The Infrastructure Control Plan was reviewed in 2023 and submitted to NSW Heritage for approval on 3 October 2023. Comments received from NSW Heritage on the plan are currently being considered.	Compliant
<b>Work Sites</b>					
110	Any works requiring the excavation or trenching of areas shall be staged so that the extent of excavation or trenching does not exceed 50 metres at any one time. Any such works shall also be undertaken in accordance with condition 159).	Operation	NHS	No excavation or trenching works were undertaken during the reporting period.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
<b>Asbestos And Rainwater System</b>					
111	<p>The co-proponents shall prepare and implement a sampling and replacement strategy for the AC rainwater system and AC vinyl tiles on the site in accordance with the policies outlined in the DACMP. The strategy shall be reviewed by the Heritage Advisor and submitted to the DEC and the Heritage Council for approval.</p> <p>The strategy shall include a prioritised schedule of replacement works, to be incorporated into the Conservation Works Program (condition 78).</p>	Construction	Mawland	<p>A Sampling and Asbestos Strategy was developed in 2005 which included sampling and replacement strategies for AC Rainwater System elements and AC Vinyl tiles.</p> <p>An asbestos register is maintained for the Q Station site and is updated regularly reflective of the 2005 plan.</p>	Compliant
<b>Outdoor Visitor Infrastructure</b>					
112	<p>The co-proponents shall prepare a site-wide-plan for outdoor visitor infrastructure prior to the installation of any outdoor visitor infrastructure. The plan shall be reviewed by the Heritage Advisor and submitted to the DEC and the Heritage Council for approval. The plan shall demonstrate consistency with other relevant site-wide plans such as the Interpretation Plan and Heritage Landscape Master Plan, and address, but not be limited to:</p> <p>a) the proposed location, design and materials of the external lighting</p>	Construction	Mawland	<p>The Outdoor Visitor Infrastructure plan was prepared as part of the 2008 Infrastructure Control Plan. This was approved by DECC in Nov 2008.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>system, to include any emergency lighting. Lighting should have regard to the following principles:</p> <ul style="list-style-type: none"> <li>• the avoidance of light spill in areas of high-use Long-nosed Bandicoot foraging habitat (as identified in Illustration 15 of the DACMP or the revised habitat assessment – condition 165) and Little Penguin habitat</li> <li>• the use of lights in the red-orange spectral range in the Wharf Precinct</li> <li>• minimising light spill across the site and outside of the site</li> </ul> <p>b) the proposed location and design of waste receptacles, including fauna-proof bins;</p> <p>c) the proposed location, design and materials for signage, to include proposed text, style, graphics, and colours;</p> <p>d) a consideration of the environmental impacts of the specific locations and methods of installation for each element of outdoor visitor infrastructure; and</p> <p>e) compliance with relevant industry guidelines, codes, Australian Standards and the Building Code of Australia (BCA).</p>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
113	Prior to the commencement of any works associated with the installation of outdoor lighting, a sample of the proposed lighting of both general outdoor areas and any emergency lighting must be completed in consultation with the Heritage Council and approved by the DEC.	Operation	NHS	No outdoor or emergency lighting was installed during this reporting period.	Not Triggered
114	The use of laser or neon lighting (with the exception of emergency lighting), food or beverage vending machines, and commercial advertising signage on the site, is not permitted.	Operation	NHS	No laser or neon lighting (with the exception of emergency lighting), food or beverage vending machines, and commercial advertising signage are installed on the site	Compliant
115	All outdoor visitor infrastructure works shall be undertaken in accordance with the adopted plan and an approved Precinct Plan.	Operation	NHS	No outdoor visitor infrastructure works were undertaken during the reporting period	Not triggered

## SECURITY

### Security System

116	The co-proponents shall prepare a whole-of-site Security Plan in consultation with the NSW Police, to be submitted within 12 months of the commencement date. The plan shall be reviewed by the Heritage Advisor and submitted to the DEC for approval. Implementation of the plan must	Construction	Mawland	<p>The Visitor Management Plan includes a Security Plan (Section 6).</p> <p>The Visitor Management Plan was approved by National Parks and Wildlife Services on 13 July 2005 and DIPNR on 10 August 2005.</p>	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>commence within three months of the date of its approval.</p> <p>The plan shall address, but not be limited to:</p> <ul style="list-style-type: none"> <li>a) the DACMP subsidiary policies 16.7.1 – 16.7.6 with respect to locks and hardware across the site;</li> <li>b) a master-key system across the site that enables a consistent approach to keying;</li> <li>c) a monitored alarm system for buildings containing collections, that are periodically used for interpretation or that are remote and difficult to monitor, and security measures for all other buildings (eg. those in daily use);</li> <li>d) enforcement powers under the NPW Act and protocols for dealing with breaches of the Act;</li> <li>e) reporting structure and protocols for dealing with security incidents, to include communication protocols with DEC and the NSW Police; and</li> <li>f) the need for security personnel on site.</li> </ul>				
117	<p>The co-proponents shall undertake a review of the Security Plan every five years after the commencement date for the duration of the activity. The review shall be undertaken in consultation with</p>	Operation	NHS	<p>The Security Plan was reviewed in 2023 and submitted to NPWS on 22/11/23 and Department of Planning, Housing and Infrastructure on 27/11/23 for approval. The NSW Police Service was consulted</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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the NSW Police On the basis of the review the co-proponents shall, as necessary, prepare a revised Security Plan to be submitted to the DEC for approval.

and recommendations received were included in the reviewed plan.

**TRANSPORT AND ACCESS**

**Access Strategy**

118 The co-proponents shall prepare and submit a final Access Strategy for the site to the DEC and DIPNR for approval within 6 months of the commencement date. The strategy shall be prepared in consultation with the Heritage Council, Manly Council and the State Transit Authority. Once approved, the co-proponents shall implement the Access Strategy.

Construction

Mawland

The 2005 Visitor Management Plan includes details on access to the site (Sections 2, 3, 4 and 5).

Compliant

The final Access Strategy must address but not be limited to:

- a) all available means of access to the site, including details of the ferry service and shuttle bus operation (including operating times, pick up/set down points, etc) (conditions 138)-142) and 155);
- b) access provisions within the site, including constraints and management strategies, details of service vehicles, bus and taxi



**Vehicle management road bump on Cottage Road**

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>access. Specific consideration shall also be given to access arrangements for the Second Cemetery (condition 124);</p> <p>c) access provisions to the wharf, including the arrival and departure routes for the ferry. These routes shall generally be in accordance with Figure 11.2 in the EIS. The co-proponents shall consult with NSW Fisheries regarding this matter;</p> <p>d) measures to promote public transport and reduce private vehicle access to the site;</p> <p>e) measures to be implemented to prevent additional visitors entering the site once visitor capacities, as specified in condition 120), have been reached;</p> <p>f) measures to ensure that a reasonable proportion of visitors in any one day include day visitors that arrived without pre-booking a tour or other activity;</p> <p>g) measures to provide for disabled, concession and non-English speaking access to the site and to enable participation in site activities;</p> <p>h) the provision of disabled access to every precinct. This component of the Access Strategy shall be</p>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>prepared in accordance with the requirements of the Disability Discrimination Act and any guidelines or standards established under the Act; and</p> <p>i) the visitor monitoring program (condition 156).</p>				
119	<p>The co-proponents shall undertake a review of the Access Strategy every five years after the commencement date for the duration of the activity. The review shall be undertaken in consultation with the Heritage Council, Manly Council and the State Transit Authority. On the basis of the review the co-proponents shall, as necessary, prepare a revised Access Strategy to be submitted to the DEC and DIPNR for approval.</p>	Operation	NHS	<p>The Access Strategy was reviewed in 2023 and submitted to NSW Heritage on 24/11/23 and Department of Planning, Housing and Infrastructure on 27/11/23 for approval. Transport NSW, Northern Beaches Council and the Heritage Council were consulted. No comment was received from Northern Beaches Council. The plan is subject to the current review by HC of site wide plans. Comments from Transport for NSW were incorporated in reviewed plan.</p>	Compliant
<b>Site Visitor Capacity</b>					
120	<p>Visitation to the site and site visitor numbers must be in accordance with the following:</p> <p>a) the optimum visitor capacity of the site is 315 people (including staff) at any one time. The co-proponents shall take all reasonable steps to ensure that the optimum visitor capacity (or less) is met for a majority of the time</p>	Operation	NHS	<p>Except for general public who can enter the site at random, records for visitor numbers are held at reception by accumulation of all events on site for any given day and accommodation guests on site.</p> <p>The Sales / Event Department comply with this condition when booking in events taking advice from the NPWS Ranger when necessary. There were no instances in the reporting year where capacity was exceeded or increased to 600 people.</p>	Compliant




CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>during which the site is publicly accessible;</p> <p>b) the maximum visitor capacity may be increased to 600 people (including staff) for up to 6 hours on up to 20 occasions per calendar year. Arrival and departure from these events must be distributed throughout the day period and these events must be held in accordance with the requirements of term 128 b) of the approval;</p> <p>c) evening and night time events and functions are to avoid high value bandicoot foraging habitat. Identification of high value bandicoot foraging habitat is to be determined by NPWS; and</p> <p>d) access to the Wharf and Quarantine Beach is to be prohibited during evening and night time events and functions. This does not preclude normal operations undertaken as part of the restaurant in building A6, including the outdoor eating area.</p>			<p>Access to the Beach and Wharf is restricted by closure of the beach and wharf gates at sunset. The key is held by the General Manager and the Duty Manager in case of emergency.</p>	
120A	<p>Site Travel and Access Plan must be prepared by a suitably qualified consultant, to the satisfaction of the Secretary, that details management measures to be implemented, at a minimum, for at least 5 event sizes,</p>	Operation	Mawland	<p>The Site Travel and Access Plan was approved by the Department of Planning &amp; Environment on 14/9/2018</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>including those presented in Term 120, and is to include detail of the following:</p> <ul style="list-style-type: none"> <li>a) mode share targets and measures of how these will be implemented, monitored and achieved including details of the financial and human resources required to implement the targets;</li> <li>b) anticipated number and types of vehicles arriving at the site and car parking provisions for both staff and visitors;</li> <li>c) the management of the site car park (i.e. car park wardens/ traffic controllers) and management measures to ensure site visitors do not impact upon the parking provisions of North Head;</li> <li>d) detail of arrival and departure times and detail of how impacts of this upon existing traffic flows at North Head will be mitigated; and</li> <li>e) a map clearly delineating site access and parking provisions for various sized events of up to 600 people.</li> </ul>				
	<p>The co-proponents must not hold more than 450 people on site until the Site Travel and Access Plan is approved by the Secretary.</p>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	The Site Travel and Access Plan must be implemented by the co-proponents for the duration of the Lease agreement.				
121	Any proposal to increase the site capacity or the optimum visitor capacity after this time must be publicly exhibited and submitted for the approval of the DEC and DIPNR. The proposal must be accompanied by a clear assessment of the potential impacts of any increase on the significance of the Quarantine Station and justification based on the results of the visitor and site monitoring programs	Operation	NHS	There was no proposal to increase the site capacity or the optimum visitor capacity during the reporting period.	Not Triggered
<b>Pricing</b>					
122	The co-proponents shall ensure that all services and facilities at the site are made available at varying price-scales, commensurate with the standard of service to be provided, to facilitate choice and encourage equitable community access to the site. This shall include, but not be limited to, accommodation, tours, interpretive activities and educational facilities.	Operation	NHS	Details are available on the Q Station website of all services, facilities, and prices: <a href="https://www.qstation.com.au/room-options.html">https://www.qstation.com.au/room-options.html</a> <a href="https://www.qstation.com.au/conferences.html">https://www.qstation.com.au/conferences.html</a>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
123	Concessional pricing shall be provided for all tours and interpretive activities at the site.	Operation	NHS	Concession rates are available for all tours <a href="https://www.qstation.com.au/tours.html">https://www.qstation.com.au/tours.html</a>	Complaint
<b>Access To The Second Cemetery</b>					
124	Based on the options identified in the Heritage Landscape Master Plan [condition 92) i)] suitable arrangements for providing managed access to the Second Cemetery shall be provided within 18 months of the commencement date. If measures for managed access have not been implemented after 18 months regular public access to this area shall cease until such arrangements are in place. In the meantime, access to the Second Cemetery shall be limited to one tour group of up to 25 persons at any one time.  If any adverse impacts are identified prior to the access system being implemented, measures to reduce such impacts shall be introduced following consultation with the DEC.	Construction	Mawland	The Heritage Landscape Management Plan 2005 was approved by Q Station in May 2006, National Parks and Wildlife Services in September 2006 and NSW Heritage Office in September 2006.  Section 5.5.3.12 of the Heritage Landscape Management Plan contains details regarding access to the Second Cemetery.	Compliant
<b>Special Events, Functions and Free Open Days</b>					
125	The number of special events or activities requiring overflow parking	Operation	NHS	Except for a luncheon for parents of students attending a local private school who parked their	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	shall be limited to 6 per year. Special events include uses (eg. re-enactments, festivals, etc) and public open days that are not part of the normal operations (eg. tours) and extend beyond those function, conference, accommodation and restaurant uses identified in the PAR.			vehicles for a short period of time outside CP1, there have been no events during the reporting period that required the use of overflow parking.	
126	At least two free public open days are to be held at the site every year. The open days shall be held on either a weekend or public holiday. They shall include opportunities for people to participate in organised tours and interpretive activities that promote an understanding of the site’s values, at no cost. Tours and activities may also be provided that outline the methods of conservation and management being used at the site, also at no cost. A booking system may be used to ensure that the site capacity limits in condition 120) are not exceeded.	Operation	NHS	Two free public open days were held in 2023 on the 30 <sup>th</sup> April 2023 and 10 <sup>th</sup> September 2023.  	Compliant
127	Special event and public open day proposals are to be submitted to the DEC for approval. The co-proponents shall also consult with the Quarantine Station Community Committee and Manly Council prior to submission to the DEC. Proposals may only proceed if the DEC is satisfied that:	Operation	NHS	There were no special events during the reporting period.  The QSCCC were informed of the dates for the Open Days. Comments made by the Committee were acknowledged and incorporated in the planning. Members of the committee attended the Open Days. Open days were approved by NPWS.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>a) sufficient traffic and car-parking and pedestrian management measures will be provided (both on and off-site);</p> <p>b) noise and light impacts will be minimised; and</p> <p>c) that the proposal will promote or enhance the interpretation of the place.</p> <p>The DEC may direct the co-proponents to undertake all practicable steps to address the above matters and to ensure that the minimum number of public open days are provided in accordance with condition 126).</p>			<p>Details in QSCCC minutes <a href="https://www.qstation.com.au/our-story.html">https://www.qstation.com.au/our-story.html</a></p>	
128	<p>Any special events or functions held after sunset shall:</p> <p>a) if they are to be held outdoors, be located away from the areas identified as high-use Long-nosed Bandicoot foraging habitat in the DACMP (Illustration 15) or the revised habitat assessment (condition 165); or</p> <p>b) if they are to be held in the Wharf Precinct, must be held indoors This does not preclude normal operations undertaken as part of the restaurant in building A6, including the outdoor eating area.</p>	Operation	NHS	<p>Noted, there were no special events held after sunset. Functions held after sunset were held indoors and away from the Long-nosed Bandicoot foraging area.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
<b>Night Tours</b>					
129	For the first three years after the commencement date the maximum number of visitors on night tours shall not exceed 100 persons and 3 tour groups on the site at any one time. After this time any proposal to increase night tour capacities must be submitted for the approval of the DEC. The proposal must be accompanied by a clear assessment of the potential impacts of any increase on the significance of the Quarantine Station and justification based on the results of the visitor and site monitoring programs (particularly monitoring Long-nosed Bandicoot foraging activity).	Operation	NHS	No change to capacity of tour groups required. Capacity is rarely met for tours.	Not Triggered
130	Night tours are to be undertaken on formed roads, paths or the Funicular stairway, unless part of an approved special interest tour.	Operation	NHS	No night tours are conducted on any part of the site except formed roads and paths.	Compliant
131	Unless approved as part of a special interest tour, measures are to be taken to ensure that night tour patrons do not use spotlights or flash-photography in outdoor areas (with the exception of the lanterns or torches used as part of the ghost tours).	Operation	NHS	A full safety briefing is given at the start of each tour. This covers personal safety, photography, and directions on night time tours.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
132	<p>At the conclusion of any night tours on site, arrangements are to be made to transport visitors in an orderly manner from the conclusion point of the tour to the:</p> <ul style="list-style-type: none"> <li>a) accommodation area (for those visitors staying on site overnight);</li> <li>b) relevant car park (for those visitors departing by car or bus); or</li> <li>c) to the Wharf Precinct (for access to the ferry).</li> </ul> <p>This may include, but is not limited to, the use of a shuttle bus or groups led by a guide.</p>	Operation	NHS	All night tours end at the Wharf Precinct where patrons are then taken to reception or accommodation areas by shuttle bus.	Compliant
133	<p>Notwithstanding the provisions of condition 129), the DEC may at any time direct that night tour numbers are reduced, and/or other appropriate measures implemented, if it is satisfied on the basis of monitoring programs that night tours are having adverse impacts on the Long-nosed Bandicoot population. The co-proponents shall comply with any such directions issued by the DEC.</p>	Operation	Joint	No directions were made by NPWS during the reporting period.	Not Triggered
<b>Special Interest Tours</b>					
134	No special interest tours may be run without the approval of the DEC (this	Operation	NHS	There were no special interest tours during the reporting period.	Not Triggered



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>may be undertaken as part an application for a tour operators license under the NPW Act). This will include tours to Store Beach, Cannae Point or other areas of the site (including bushland areas, rocky foreshores, Old Mans Hat and the cemeteries). This excludes the four main tours proposed by the co-proponents in the PAS. In seeking approval for special interest tours, the following information shall be provided to DEC:</p> <ul style="list-style-type: none"> <li>a) proposed frequency and size of tours;</li> <li>b) compliance with the Access Strategy and Interpretation Plan (conditions 118) 100);</li> <li>c) details of the tour activities and route, including buildings and other features to be visited; and</li> <li>d) a statement identifying and addressing any potential environmental issues that may arise, including management of visitor safety, and measures to address these.</li> </ul>				
135	<p>The co-proponents shall ensure that any approved special interest tours are subject to a specific monitoring and review program to enable assessment of potential visitor impacts.</p>	Operation	NHS	<p>There were no special interest tours during the reporting period.</p>	<p>Not Triggered</p>

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
<b>School And Educational Programs</b>					
136	Provision shall be made for school groups to have access to the site without the need to stay overnight.	Operation	NHS	Daytime education programs are available for K-tertiary. <a href="https://www.qstation.com.au/primary-excursion-programs.html">https://www.qstation.com.au/primary-excursion-programs.html</a> <a href="https://www.qstation.com.au/secondary-excursion-programs.html">https://www.qstation.com.au/secondary-excursion-programs.html</a>	Compliant
137	Overnight educational programs must ensure a high-level of student supervision to prevent uncontrolled night activities or access across the site. Students must also be supervised during any periods of student “free-time” during the day and confined to distinct areas of the site, that is there is to be no general or uncontrolled access across the site.	Operation	NHS	Noted, there was only one overnight educational program during the reporting period. Students were supervised at all times by employees of the school.	Compliant
<b>Water-Based Access</b>					
138	The ferry service between Manly and the Quarantine Station site shall: a) commence within 6 months of the commencement date or, if this cannot be achieved due to circumstances beyond the reasonable control of the co	Operation	NHS	A ferry service did operate to the site during the early years of Mawland’s operations until the time of the covid pandemic even though the service was periodic and unsatisfactory in some respects due to lack of demand for the service and the requirements of the ferry operators	Non-compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>proponents, within such other time as the DEC may approve;</p> <p>b) generally arrive and depart between the hours of 9:00 am and 11:00 pm respectively;</p> <p>c) be limited to a maximum of one movement per hour, after sunset, between July and February inclusive, to reduce the potential for impacts on the Little Penguin population. A maximum of 20 movements in one day may occur at other times to encourage water-based access to the site; and</p> <p>d) with the exception of extreme weather events and maintenance periods, be provided on an hourly basis during the peak periods of visitor activity.</p>			<p>Manly Fast Ferry Ecohopper included Q Station on its route from 2012 until March 2020</p> <p>NHS is committed to water access to Quarantine Station however demand is such that ferry operators will not operate such a service. NHS is committed to negotiate with ferry operators.</p>	
139	<p>The co-proponents shall undertake all practicable measures to ensure that:</p> <p>a) within 3 years of the commencement date, the proportion of visitors accessing the site by the ferry is 40% or greater; and</p> <p>b) within 5 years of the commencement date, the proportion of visitors accessing the site by ferry is between 40% - 50%</p>	Operation	NHS	<p>NHS has used its best endeavour and undertaken all practical measures to ensure compliance. Lack of a ferry service means that NHS is unable to comply with this condition of approval. Having said that NHS encourages guests and visitors to arrive by shuttle bus, coach or public transport and minimise the use</p>	Non-compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	and stays at this level, or greater, for the life of the project.			of private vehicles. A number of visitors walk or ride bicycles to the site.	
140	<p>The wharf facility shall be used in accordance with the following provisions:</p> <ul style="list-style-type: none"> <li>a) the wharf shall only to be used for the casual berthing of the vessel “The Jenner”, or an appropriate vessel of similar dimensions and loadings. Assistance must be provided to persons with mobility limitations;</li> <li>b) the ferry must always dock at the head of the wharf (ie. The north-western end) until such time as any future alterations to the wharf have been assessed and approved by the relevant authorities;</li> <li>c) the ferry shall not moor at the wharf when not in active use (ie. overnight);</li> <li>d) the ferry shall not moor at the wharf during unsuitable weather events (eg. storms, strong winds, large swells);</li> <li>e) the co-proponents shall ensure that there is no access to the wharf as part of the activity by recreational</li> </ul>	Operation	NHS	<p>Noted, the ferry service during its time of operations complied with the requirements imposed by this condition.</p> <p>Transport for NSW has installed buoys to indicate that access by recreational and commercial vessels is restricted.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>or commercial vessels until such time as any proposed access arrangements for these vessels have been assessed and approved by the relevant authorities. The wharf shall include signage to indicate that access is prohibited unless authorised by the Waterways Authority and DEC; and</p> <p>f) There shall be no vessel access on the south-western side of the wharf, parallel to Cannae Point.</p> <p><i>Note: Waterways Authority is now Transport for NSW.</i></p>				
141	<p>Minor variations to the provisions of condition 140), a), b) and c) above may be approved by the Waterways Authority and the DEC, upon receipt of an application from the co-proponents. The application shall address, but not be limited to, safe berthing/mooring arrangements, disabled visitor access, potential impacts on seagrasses (eg. from overshadowing and propeller wash) and Little Penguins.</p> <p>Any significant variations to these conditions, and any variations to condition 140) e), shall (if necessary) require a separate application and approval under Part 5 of the</p>	Operation	NHS	No variations were made during the reporting period.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>Environmental Planning and Assessment Act 1979 and other relevant legislation.</p> <p>The Waterways Authority and DEC shall consult with NSW Fisheries before any variations are approved.</p> <p><i>Note: Waterways Authority is now Transport for NSW.</i></p>				
142	<p>When the ferry is not available for use (due to extreme weather events or maintenance) the co-proponents shall provide a shuttle bus or some other means of public transport between the site and Manly.</p>	Operation	NHS	<p>When the ferry is not in use, a shuttle bus is provided for transport to Manly. Visitors can also use the public bus service. The shuttle bus timetable is displayed at <a href="http://www.qstation.com.au/contact/complimenatry">www.qstation.com.au/contact/complimenatry</a> manly shuttle</p>	Compliant
<b>Road-Based Access</b>					
<b>Private Vehicle Targets</b>					
143	<p>The co-proponents shall undertake all practicable measures to ensure that within 5 years of the commencement date, the proportion of visitors accessing the site by private vehicle does not exceed 50% and stays at this level, or less, for the life of the project.</p>	Operation	NHS	<p>NHS encourages all guests and conference attendees to travel by other means of transport such as coach, taxi, shuttle bus or public transport. NHS advises organisers of functions and conferences of a contract that NHS has with a coach company.</p>	Compliant
<b>Management Of Vehicle Access</b>					

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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144	A 15 km/h speed limit for all vehicles within the site shall be imposed within 3 months of the commencement date.	Operation	NHS	A 15km speed limit is imposed on site which is indicated on site with 15km speed limit signs.	Compliant
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145	As a priority measure, traffic calming devices shall be provided within 6 months of the commencement date along the following roads:	Operation	NHS	Traffic calming measures have been installed in accordance with this condition.	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>a) from A26 to CP5;</li> <li>b) from S12 to S5; and</li> <li>c) from A26 to A23 (no traffic calming devices are required between S15 and P13).</li> </ul>				



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
					
146	The devices shall be in accordance with the endorsed design standards [condition 106) c)], spaced at appropriate distances apart and sign-posted with the speed limit (15 km/h) and Long-nosed Bandicoot warning/awareness signs	Operation	Joint	The traffic calming measures were installed in accordance with this condition. See photos above (Condition 145)	Compliant
147	Vehicle access to the site is to be managed by an entrance boom gate that only opens when triggered by staff or contractors.	Operation	NHS	The boom gate is operated by Q Station staff.	Compliant
148	Barriers delineating the extent of vehicle access with the site are to be provided within 6 months of the commencement date in accordance with Figure 2.1 of the PAS. In accordance with condition 151) c) within 10 years of the commencement date, the barriers on the road below S2, between S2 and A23 and adjacent to A1 must be replaced with a barrier	Construction	Mawland	A boom gate was installed in place of barriers with the approval of NPWS.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	adjacent to A18 (or at a suitable location east of A18).				
149	<p>There shall be no vehicle access beyond the barriers described in condition 147) except for:</p> <p>a) vehicles transporting disabled visitors;</p>	Operation	NHS	There is no access to the site past the boom gate at reception except in accordance with this condition.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>b) vehicles driven by representatives of the co-proponents, service providers and contractors;</li> <li>c) visitors and guests being transported by shuttle-bus, people-mover or some other form of low-scale public transport (not large buses or coaches); and</li> <li>d) emergency vehicles.</li> </ul>				
150	<p>Bus and coach access to the site shall be as follows (see also condition 65(b) and 151):</p> <ul style="list-style-type: none"> <li>a) coaches shall not enter the site beyond CP1;</li> <li>b) until CP1 is completed buses may enter the site and use the loop road from A26 to S12 to S5 and to the temporary bus parking area adjoining A26; and</li> <li>c) after CP1 is completed buses shall also not enter the site beyond CP1.</li> </ul>	Operation	NHS	There is no access to the site past the boom gate except, very infrequently, for small coaches for tour and conference groups which are escorted by Q Station staff.	Compliant
<b>Vehicle Parking</b>					
151	<p>On-site car parking shall occur as follows:</p> <ul style="list-style-type: none"> <li>a) <b>CP1</b> – may provide up to 120 vehicle spaces, constructed in two stages as proposed in the PAS, to be used by day visitors, overnight guests and staff (if necessary);</li> </ul>	Operation	NHS	<p>CP1 provides space for 120 vehicles. CP5 provides space for 56 vehicles.</p> <p>Existing administration carpark is used by Q Station staff only.</p> <p>Accommodation and conference guests are now required to park in CP1.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>b) <b>CP5</b> – may provide up to 56 vehicle spaces, constructed in two stages as proposed in the PAS, to be used by staff and overnight guests but no day visitors (including conference or function participants);</p> <p>c) <b>existing administration car park (opposite S1)</b> – may provide short-stay parking for accommodation check-in on the following basis:</p> <ul style="list-style-type: none"> <li>• accommodation guest use of this parking area shall be gradually decreased between 5 and 10 years of the commencement date, so that within 7.5 years of the commencement date such usage has decreased by 50% (this excludes taxis, delivery and operations vehicles);</li> <li>• use of this parking area by accommodation guests shall be completely phased out within 10 years of the commencement date, to comply with the long-term carefree boundaries of the DACMP; and</li> <li>• during the above periods the co-proponents shall examine</li> </ul>			<p>Buses and coaches are not allowed to park on site, except for small coaches (max 23 seater) which can park near reception in the shuttle bus parking area.</p>	

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
152	<p>and test alternative check-in parking</p> <ul style="list-style-type: none"> <li>arrangements, including the option of using the area shown as “Potential Drop Off and Parking” in</li> <li>Illustration 20 of the DACMP;</li> </ul> <p>d) <b>bus and coach parking</b> – the following arrangements shall apply:</p> <ul style="list-style-type: none"> <li>until CP1 is completed buses may only park in the bus parking area adjoining A26, as shown in Figure 2.1 of the PAS;</li> <li>until CP1 is completed coaches may only drop-off visitors at the entrance to the site and park at an off-site location (if necessary);</li> <li>once CP1 is completed, buses and coaches may drop off visitors at CP1 and either park in CP1 or outside the site (if necessary); and</li> <li>once CP1 is completed, there shall be no bus or coach parking elsewhere on the site.</li> </ul>	Operation	NHS	<p>.</p> <p>Except for a luncheon for parents of students attending a local private school who parked their</p>	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>a) as part of up to 6 approved special events per year (condition 125); and</p> <p>b) during the physical construction stages for the new car parks (ie. during Stages 1 or 2 of CP1 or CP5). Once a stage is complete, no further overflow parking associated with car park construction may occur until the next stage of construction commences.</p> <p>Total overflow parking at any one time shall be limited to up to 50 vehicles and shall be entirely restricted to formed road surfaces (ie. not grassed areas) between building S14 and the first road junction immediately south-west of the upper reservoir</p>			vehicles for a short period of time outside CP1, there have been no events during the reporting period that required the use of overflow parking.	
153	There shall be no vehicle parking outside of the CP1, CP5, administration area car park, or overflow parking, except for short-term parking for service providers, contractors and the like.	Operation	NHS	Except as noted as condition of approval 125 no guest vehicles were parked outside of CP1, CP5, Administration area car park or overflow parking during the reporting period. Short term parking for Q Station service vehicles and contractors is managed through driver induction and staff training.	Compliant
<b>Car-Park Design</b>					
154	The co-proponents shall ensure that car-parks are designed and	Operation	NHS	a. The car parks were designed and constructed in accordance with the design principles prior to operation commencing at the site. No	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>constructed in accordance with the following design principles:</p> <ul style="list-style-type: none"> <li>a) designated disabled car parking spaces must be provided onsite in accordance with relevant Australian Standards, the BCA and to achieve compliance with the Disability Discrimination Act;</li> <li>b) secure parking for at least 10 bicycles, plus parking for motorcycles, shall be provided at CP1 (such parking may also be provided at CP5);</li> <li>c) the internal area of car parks shall be generally devoid of any vegetation (with the exception of existing threatened species or communities) that may harbour or provide a foraging resource for fauna (especially Long-nosed Bandicoots);</li> <li>d) vegetation (using local native species) shall be planted and maintained to screen CP1 and CP5. The vegetation screens shall allow for the movement of fauna;</li> <li>e) car parks shall not be enclosed by fencing that may trap individual fauna i.e gaps of sufficient dimensions to allow passage by bandicoots will be provided between and/or under any barriers;</li> </ul>			<p>modifications have been made to their design / construction.</p> <ul style="list-style-type: none"> <li>b. Secure parking for 10 bicycles plus motorcycles are provided.</li> <li>c. Local native vegetation is maintained in CP1 and CP5 by Q Station Maintenance Teams.</li> <li>d. Local native vegetation is maintained in CP1 and CP5 by Q Station Maintenance Teams.</li> <li>e. There is no fencing around the carparks.</li> <li>f. Lighting has not been altered since the original approval.</li> <li>g. The eastern boundary of CP5 is fenced.</li> <li>h. No Eastern Suburbs Banksia Scrub was removed during the construction of CP5.</li> </ul>	

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>f) sufficient low-level lighting shall be provided in the car parks to allow drivers to detect fauna;</p> <p>g) the eastern boundary of CP5 shall be defined by fencing that prevents vehicle access and discourages human access to the adjoining area of Eastern Suburbs Banksia Scrub; and</p> <p>h) any removal of Eastern Suburbs Banksia Scrub required as part of the construction of CP5 shall be offset by the undertaking of habitat regeneration works on an area elsewhere at North Head up to 20 times the size of the area impacted (i.e approximately 0.3 hectares). Details of the area of ESBS to be affected and the areas proposed for regeneration, including regeneration methods consistent with the Heritage Landscape Master Plan, are to be submitted with the construction works application for CP5.</p>				
	<b>Shuttle bus</b>				
155	<p>The co-proponents shall provide a shuttle bus service to transport visitors between the Manly Town Centre and the site (see also condition 65). The shuttle bus shall:</p>	Operation	NHS	<p>Noted, the shuttle bus is providing the minimum of the trips required by this condition. Current timetable provides 5 daily shuttles (10 timetables services) to and from Manly, with an additional service (2 trips) on Friday and Saturday</p>	Compliant



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>a) have a minimum capacity of 12 persons per trip;</li> <li>b) be operational within 6 months of the commencement date;</li> <li>c) provide a minimum of 3 trips to and from the site (total 6 trips) per day on weekends and public holidays during peak periods of visitor activity or as approved by the DEC. Preference is also to be given to operation of the shuttle bus service during periods of peak night visitation and activity for the Long-nosed Bandicoot.</li> </ul> <p>Full details of the shuttle bus operation shall be included in the Access Strategy (condition 118).</p>				

**Visitor Monitoring**

**General**

156	<p>A visitor monitoring program is to be established in accord with Policy AIP 3.2 in the DACMP and submitted for approval as part of the final Access Strategy (condition 118). In addition to the matters specified in AIP 3.2, the program must also make specific provision for the monitoring of:</p> <ul style="list-style-type: none"> <li>a) visitor numbers, capacities and entry details (eg. booked on a tour,</li> </ul>	Operation	NHS	<p>Section 5 of the Visitor Management Plan includes details of Visitor Monitoring.</p> <p>The Visitor Management Plan was approved by National Parks and Wildlife Services on 13 July 2005 and DIPNR on 10 August 2005.</p>	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>accommodation booking, or unbooked day visitor);</p> <p>b) mode of access to the site;</p> <p>c) visitor profiling (to include age, cultural background, language spoken, geographic origin, disability status);</p> <p>d) visitor impacts on the site’s values, including both physical impacts (such as measurable damage or wear to fabric, impacts on fauna behaviour, etc) and non-physical impacts (such as amenity); and</p> <p>e) measures taken, or proposed to be undertaken, to minimise private vehicle access. This should include the progress or outcomes of any negotiations with other North Head land managers regarding off-site car-parking.</p>				
157	<p>Where the visitor monitoring program identifies adverse impacts associated with the activity the co-proponents must, in consultation with the DEC, identify and implement appropriate management responses. These may include, but are not limited to, altering any relevant activity, temporarily ceasing specific activities or ceasing some uses altogether if impacts cannot be adequately addressed.</p>	Operation	NHS	No adverse impacts were identified during the reporting period	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
<b>FLORA, FAUNA AND MARINE ENVIRONMENT</b>					
<b>General</b>					
158	The co-proponents shall engage a person(s) trained in basic fauna and flora identification and in possession of the appropriate licences (eg. for fauna handling) to monitor construction activities for the duration of the work. The functions of that person(s) shall include, but are not limited to:  a) the inspection of work areas every morning prior to work commencing to allow the identification and relocation of any fauna species present (fauna are to be re-located to the nearest area of suitable habitat within the site); and  b) the regular inspection of work areas at other times to ensure no inadvertent impacts to flora and fauna are occurring. The person(s) is to report directly to the Environmental Manager.	Operation	Joint	There were no construction activities during the reporting period.	Not Triggered
159	Any fencing or barriers to be provided for active work areas shall not limit the general movement of fauna across the site. However, sites of specific potential risk to fauna (e.g. Open excavation) shall include measures to prevent fauna access (e.g. limited fencing or	Operation	Joint	There was no active work areas within the reporting period that required fencing or barriers to be erected.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	covers) and/or to allow their egress/escape (e.g. earth ramps).				
160	No hollow-bearing trees or threatened flora are to be removed, although limited lopping or trimming may occur with approval from the DEC. Existing Coral trees in the Wharf Precinct shall be the subject of regular inspection and maintenance by a suitably qualified person to ensure safe access to this area for site visitors. Any areas proposed for vegetation clearance or removal are to be surveyed by a suitably qualified person for the presence of hollow-bearing trees and threatened flora, which are to be clearly tagged and identified for retention.	Operation	NHS	No hollow bearing trees or threatened flora were removed during the reporting period.  There were no areas proposed for vegetation clearance or removal during the reporting period.  During the reporting period NHS complied with the requirements of this condition.	Compliant
161	The proposed design and location of any artificial nesting sites or boxes (including for Little Penguins) are to be endorsed by the DEC. Nest boxes are to be designed to limit the potential for use by possums.	Operation	NPWS	No nest boxes were installed during the reporting period.	Not Triggered
162	Details of the methods and approaches to be used in meeting the monitoring requirements specified in the conditions of approval for Long-nosed Bandicoots and Little Penguins will be	Construction	NPWS	Little Penguin and Long-nosed bandicoot monitoring methods and approaches were approved by threatened species staff from NPWS and the Saving our Species Program and as part of species recovery programs.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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submitted to the DEC for approval prior to monitoring commencing.

**Long-nosed Bandicoot**

**General**

163	Within 6 months of the commencement date the co-proponents shall update signage along Darley Road and into the Quarantine Station to strengthen warnings to vehicle drivers regarding the presence of Long-nosed Bandicoots and the need for slow and careful driving (see also conditions 145-146).	Construction	NPWS	Long-nosed Bandicoot warning signage has been erected as required by this condition.	Compliant
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164	Grassed areas on the site must be kept in good condition. No fertilisers or chemicals should be applied to open grassed areas, except where this is essential to the repair and stabilisation	Operation	NHS	Grassed areas are inspected and mowed regularly and watered when necessary. No fertilisers or chemicals are used on grassed areas.	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	of existing eroded areas and is consistent with the provisions of the approved Heritage Landscape Master Plan (condition 91).				
165	Within 12 months of the commencement date the co-proponents shall undertake further assessments to refine the mapping of high-use Long-nosed Bandicoot foraging habitat and to identify suitable potential areas and techniques for habitat enhancement, reconstruction and rehabilitation. The outcomes of the assessment should be informed by the monitoring program specified in Schedule 5 and are to be submitted to the DEC for approval and incorporated into the Heritage Landscape Management Plan (condition 91) prior to any habitat works commencing.	Operation	NPWS	<p>Further assessment by the NPWS Threatened Species team found that further refinement of mapping for high-use LNB foraging habitat and habitat enhancement was not required as existing mapping was adequate in this regard.</p> <p>NPWS has engaged a consultant from Sydney University to review mapping of high use of bandicoot habitat and potential habitat enhancement, to be finalised in early 2024.</p> <p>Outcomes will be incorporated into the Heritage Landscape Management Plan, which is to be reviewed in 2024. The review will be informed by the ongoing review of the CMP and DACMP.</p>	Compliant
166	Any works undertaken for the activity that involve the loss of, or damage to, Long-nosed Bandicoot foraging habitat shall be offset by the undertaking of habitat enhancement, reconstruction or rehabilitation works on an area elsewhere at North Head that is at least ten times the size of the area impacted.	Operation	Joint	No works were undertaken that involved loss of or damage to Long-nosed Bandicoot foraging habitat during the reporting period.	Not Triggered

**Monitoring**

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
167	The co-proponents shall implement the monitoring program detailed in Schedule 5.	Operation	NPWS	Refer to Schedule 5 for actions undertaken by NPWS. Monitoring was undertaken with amended methodology in consultation with NPWS Threatened Species officers.	Non - compliant
<b>Adaptive Management – Foraging Habitat</b>					
168	If the monitoring of bandicoot activity and use of foraging habitat indicates a statistically significant reduction in bandicoot numbers between the control and non-control areas over two consecutive years, measures will be taken, in consultation with the DEC, to reduce the extent of light, noise and activities at relevant locations. Measures may only be reversed or altered with the approval of the DEC (see also condition 133).	Operation	NPWS	As there was no significant reduction in bandicoot numbers between the control and non-control areas over two consecutive years (refer appendix E), no such measures were required during the reporting period.	Not Triggered
<b>Adaptive Management – Road Mortalities</b>					
169	All adaptive management measures presented within Schedule 6 must be implemented and the co-proponents must contribute to the mitigation of potential impacts on the Long-nosed bandicoot population across North Head. This includes, but is not limited to, participation in the North Head Stakeholder Group, or its successors. The co-proponents will actively promote awareness of the need for	Operation	Joint	Refer to Schedule 6 to the conditions of planning approval in this compliance report.  The co-proponents are active members of the North Head Stakeholder Group and as such actively promote the awareness of the need for bandicoot protection across North Head.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	bandicoot protection across North Head.				
169A	The co-proponents must provide signage at the entrance to Sydney Harbour National Park near Parkhill Archway, to indicate the number of Long-nosed Bandicoot road mortalities recorded on North Head. The sign(s) shall include, but not be limited to, a short statement regarding the endangered status of the population, its estimated population size (within North Head), the threat that road deaths pose to its continued survival, the total number of road deaths from the previous year and a running tally of the number of deaths during the current calendar year. The tally shall be updated after each confirmed road death as recorded on the mortality register referred to in Schedule 5. The sign shall also include a 24 hour phone number (see also Term 6) to allow members of the public to inform the lessor of any mortalities and what to do if an injured bandicoot is found.	Operation	NPWS	Signage has been erected by NPWS as required by this condition. Signage includes a running tally of road deaths and is regularly updated by the NPWS Ranger.	Compliant
<b>Calculating The Background Level Of Adult Road Mortalities</b>					
170	For the first year following the commencement date the background adult road mortality level is set at 10 deaths in 6 consecutive months. The	Operation	NPWS	The 2020 Population Viability Analysis did not trigger the need to revise thresholds, background	Compliant



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	background adult road mortality level is to be recalculated at the end of each consecutive year of mortality monitoring as detailed in Schedule 7.			adult road mortality levels/and or adaptive management measures.  NPWS maintains a register for Long-nosed Bandicoot mortality for the site. Only one bandicoot death attributable to vehicles was recorded in 2023 on Q Station.	
<b>Future measures</b>					
171	The Lease shall stipulate requirements regarding the provision of funding to the OEH to undertake a revised population viability assessment (PVA) for the Long-nosed Bandicoot every 6 years from the determination date of Modification 3.	Operation	NHS	The lease registered number AC928975 provides for funding by the lessee to NPWS to undertake PVA for the Long-nosed Bandicoot every six years. The last PVA was undertaken in 2020.  An interim PVA will be organised in 2024.	Compliant
172	Based on the revised PVA, the provisions of any adopted recovery plan for the Long-nosed Bandicoot population and following consultations with the co-proponents, the Minister for the Environment may recommend to the Minister for Infrastructure, Planning and Natural Resources that the trigger thresholds, background adult road mortality levels and/or adaptive management measures be revised. Prior to the Minister for Infrastructure, Planning and Natural Resources agreeing to any significant revised measures, the details of the proposal	Operation	Joint	The 2020 PVA did not trigger the need to revise thresholds, background adult road mortality levels/and or adaptive management measures.	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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and the PVA are to be made available for public comment.

173	The co-proponents shall ensure that the undertaking of the activity complies with any revised measures specified in condition 172).	Operation	Joint	There were no revised measures to comply with this reporting year.	Not Triggered
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**Little Penguins**

**General**


174	<p>Prior to the opening of the restaurant in Building A6 for public use or the commencement of ferry services to the site (whichever comes first), and following approval of the detailed designs by the DEC, Permanent barrier fencing (that maintains access for penguins) shall be provided to actively discourage human access to Little Penguin habitat at:</p> <ul style="list-style-type: none"> <li>a) the northern end of Quarantine Station Beach, in the vicinity of the mean high water mark. The fence shall include signage to indicate that no access along the rocky foreshores is permitted;</li> <li>b) the southern end of the Quarantine Station Beach, in the vicinity of the cliff-line and water’s edge adjacent to the concrete slipway (W1/A13a). The fence shall include signage to</li> </ul>	Operation	Joint	<p>a) Permanent fencing was previously installed that provides protection for the little penguin colony and prevents human access to the little penguin habitat.</p>  <p>b) Fencing previously installed at the southern end of the Quarantine Station Beach, in the vicinity of the cliff-line and water’s edge adjacent to the</p>	Compliant
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Image: Penguin protection fencing

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>indicate that no access along the rocky foreshores is permitted; and</p> <p>c) at least 1.5 metres from the western edge of the existing drain adjacent to Building A6 (ie. towards the building). Consideration shall be given to the use of dense plantings, rather than a fence made of timber or other materials, in the design of the barrier.</p> <p>To avoid adverse visual or cultural impacts the fences shall be constructed of suitable materials and to the minimum height and scale necessary to discourage human access. It is not required that the fences be human-proof (e.g. cyclone fencing).</p>			<p>concrete slipway (W1/A13a). See condition 76 for image.</p>  <p>Image: exclusion fencing</p> <p>c) Fencing previously installed the western edge of the existing drain adjacent to Building A6 (i.e. towards the building).</p>  <p>Image: Penguin fencing at the Boiler house facing north.</p>	

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
175	Between sunset and sunrise in the breeding season (July to February inclusive) temporary moveable signage, with appropriate temporary lighting if necessary, shall be provided on Quarantine Beach. The signs are to be located on the beach above the mean high water mark in the approximate vicinity of the intersection of buildings A6 and A7. The signs are to advise visitors that access beyond the signs to the northern part of the beach is not permitted, to minimise potential impacts on wildlife.	Operation	Joint	Permanent signage including a map is located at Quarantine Beach to advise visitors about access and activity restrictions such as fishing and boat operations during Little Penguin breeding season.  Lighting has not been necessary and may impact penguin breeding activity.	Compliant
176	No spotlighting for Little Penguins is to occur from the ferry or from within the site, unless it is being undertaken as part of an approved special interest tour.	Operation	NHS	No tours take place near Little Penguin habitat.	Compliant
<b>Monitoring</b>					
177	The co-proponents will negotiate with the DEC an annual contribution to assist the on-going implementation of any monitoring programs established as part of the Little Penguin Recovery Plan. The contribution will be adjusted annually to reflect changes in the CPI.	Operation	Joint	Contribution by NHS was provided to NPWS on 29 November 2023 and NPWS budgeted for their contribution.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
178	In the event that any monitoring program under the Little Penguin Recovery Plan ceases to operate during the life of the approval, the co-proponents shall be responsible for developing, implementing and funding a monitoring program that specifically monitors the potential impacts generated by activities within the site.	Operation	NPWS	The monitoring program under the Little Penguin Recovery Plan is still operational.	Not Triggered
<b>Adaptive management</b>					
179	The co-proponents shall comply with the adaptive management measures detailed in Schedule 8.	Operation	NPWS	Refer to schedule 8 of this report for details of compliance with adaptive management measures in Schedule 8.	Compliant
<b>Future measures</b>					
180	The co-proponents will provide funding to the OEH to undertake a review of the long-term monitoring data and to provide recommendations on the long-term sustainability targets for the Manly Little Penguin population every five years from the determination date of Modification 3.	Operation	NPWS	<p>The co-proponents have provided funding to undertake the review of the long-term penguin monitoring data.</p> <p>NPWS has engaged a consultant to undertake a review monitoring data and provide recommendations on the long-term sustainability targets for the Manly Little Penguin population. The report is due in early 2024. NPWS acknowledges the report was due in 2023, 5 years after the 2018 modification.</p> <p>Manly Little Penguin long-term sustainability targets were last reviewed in 2015.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
181	Based on the revised monitoring and long-term sustainability targets (Term 180) and following consultation with NPWS regarding the Little Penguin population, the Minister for the Environment may recommend to the Secretary that the trigger thresholds and/or adaptive management measures be revised. Prior to the Minister for Planning agreeing to any significant revised measures, the details of the proposal and the 5 year report are to be made available for public comment and consideration.	Operation	NPWS	No recommendations have been made by the Minister for the Environment during the reporting period.	Not Triggered
182	The co-proponents shall ensure that the undertaking of the activity complies with any revised measures specified in condition 181).	Operation	Joint	No recommendations have been made by the Minister for the Environment during the reporting period..	Not Triggered
<b>Marine Environment</b>					
<b>General</b>					
183	Within 6 months of the commencement date the co-proponents shall commence discussions with the Waterways Authority and NSW Fisheries in relation to measures that could be undertaken to restrict or discourage private boat mooring in the	Operation	Joint	Transport for NSW (formerly NSW Waterways Authority) manage the buoyage system which includes signage to restrict and manage private boat mooring in the vicinity declared critical habitat now referred to as Area of Outstanding Biodiversity Value (AOBV).	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>immediate vicinity of the site. Other relevant stakeholders shall also be consulted. As a minimum, options for restricting or discouraging mooring should generally target the “patchy seagrass” area shown in Figure 1 of Appendix F of the EIS. However, if critical habitat is declared for the Little Penguin population the provisions of the critical habitat listing will take precedence over any other measures.</p> <p><i>Note: NSW Waterways Authority is now Transport for NSW.</i></p>			NPWS regularly liaises with Transport for NSW about signage for boat users and beach goers.	
<b>Monitoring</b>					
184	<p>The co-proponents shall develop and implement a program to monitor the density, condition and extent of seagrass beds in the wharf area, in consultation with the Waterways Authority. Details of the methods and approaches to be used in monitoring seagrass beds will be submitted to NSW Fisheries for approval prior to monitoring commencing.</p> <p><i>Note: Waterways Authority is now Transport for NSW.</i></p>	Operation	NHS	Marine Pollution Research Pty Ltd was commissioned by NHS and has developed a seagrass monitoring program including baseline monitoring and will implement the program annually. The program is Annexure G of the 2023 Integrated Monitoring and Adaptive Management program (IMAMS)	Compliant
185	<p>Implementation of the seagrass monitoring program is to occur prior to commencement of the ferry services to the site. Monitoring must be</p>	Operation	NHS	Section 3.1 of Appendix G in 2023 draft IMAMS plan details previous approved monitoring up until 2020	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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undertaken by a suitably qualified marine ecologist.

NHS has commissioned Paul Anink, a marine ecologist, from Marine Pollution Research Pty Ltd to undertake an initial seagrass and seabed survey. He has developed an annual monitoring program and will implement it.

**Adaptive Management**

186	If the monitoring of the seagrass beds indicates a significant reduction in the density, extent or condition of the seagrass beds, and NSW Fisheries is satisfied that such decreases are either fully or partially related to the activity, the co-proponents must consult with NSW Fisheries to implement appropriate measures to reduce impacts within a specified timeframe, and to provide habitat compensation at a ratio of 2:1.	Operation	Joint	The ecologist commissioned by NHS consulted with NSW Fisheries when reviewing the monitoring program and will consult with NSW Fisheries, as required, if there has been a significant reduction in the seagrass beds.	Compliant
187	The co-proponents shall ensure that the undertaking of the activity complies with any measures specified in condition 186).	Operation	Joint	Noted	Not-triggered



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
<b>Predator And Pest Control</b>					
188	<p>A Predator and Pest Control Plan shall be prepared and implemented for the site. The Plan shall be submitted to the DEC for approval within 2 years of the commencement date. The plan should address relevant provisions of any adopted recovery plans and threat abatement plans and shall:</p> <p>a) detail measures for minimising the risk of predator and pest impacts; and</p> <p>b) detail measures for rapidly responding to identified threats, including an emergency shooting strategy.</p>	Construction	Joint	A Predator and Pest Control Plan was approved in 2008.	Compliant
189	<p>Predator and pest control activities shall be undertaken in accordance with the approved plan. Until the plan is prepared and approved the co-proponents shall continue on-going consultation with the DEC regarding predator control measures to be applied</p>	Operation	NPWS	Noted. Pest control activities were undertaken in accordance with the approved plan.	Compliant
190	<p>The co-proponents shall undertake a review of the Predator and Pest Control Plan every five years after the commencement date for the duration of the activity, or earlier if considered necessary by the DEC. The review</p>	Operation	NPWS	The Predator and Pest Control Plan has been reviewed in 2023 in consultation with relevant specialists within NPWS. This is in the process of being approved by NPWS.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	shall be undertaken in consultation with the DEC and with advice from relevant specialists. On the basis of the review the co-proponents shall, as necessary, prepare a revised plan to be submitted to the DEC for approval.			NPWS review the Sydney North Area Rabbit Shooting Operations Plan and the Sydney North Area Fox Control Plan which includes North Head Quarantine Station annually.	

**ENVIRONMENTAL MANAGEMENT PLAN**

191	An Environmental Management Plan (EMP) shall be prepared by the co-proponents and submitted for approval to the DEC and DIPNR, following a review by the Environmental Manager. Once approved, the co-proponents shall implement the EMP	Operation	NPWS	The Environmental Management Plan was approved in 2005 and implemented by the co-proponents.	Compliant
192	The EMP shall be prepared and approved prior to the commencement of construction works or new operation functions as described in the PAS. Operations already occurring on site prior to the commencement date may continue without an approved EMP, subject to other relevant conditions of this approval having been met. The EMP may be updated and amended with the approval of the DEC to incorporate other strategies, plans and	Construction	NPWS	The EMP was approved 2005, prior to the commencement of construction works or new operation functions.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	programs required by the conditions of approval.				
193	<p>The primary function of the EMP is to outline environmental safeguards and procedures to be implemented during the construction and operation stages of the activity. The EMP may also function as an operational control document to guide the implementation of all aspects of the proposal. The EMP shall be prepared in accordance with:</p> <ul style="list-style-type: none"> <li>a) the conditions of this approval;</li> <li>b) all relevant legislation;</li> <li>c) accepted environmental management best practice; and</li> <li>d) shall address all commitments and undertakings made by the co-proponents for environmental management.</li> </ul>	Operation	NPWS	<p>The 2005 EMP includes the matters set out in schedule 9 in Planning conditions.</p> <p>The 2023 draft EMP includes matters set out in schedule 9 in Planning conditions, relevant legislation and accepted best practice.</p>	Compliant
194	The EMP shall contain, but not be limited to, the matters specified in Schedule 9 and in conditions 197), 199) and 203). Other strategies, plans and programs required by the conditions of approval may be incorporated into the EMP.	Operation	NPWS	The EMP includes the matters set out in schedule 9 in Planning conditions.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
195	The EMP shall be reviewed and revised in consultation with the DEC as necessary to incorporate revisions to relevant site-wide strategies, plans and the results of the integrated monitoring program.	Operation	NPWS	The EM was reviewed in 2023 in consultation with NPWS and staff from the then DPE, and submitted to NSW Planning on 29 September 2023.	Compliant
<b>SOIL</b>					
196	Prior to any works commencing in areas of potential contamination the co-proponents must submit to the DEC a preliminary investigation prepared in accordance with the “Managing Land Contamination: Planning Guidelines” (DUAP & EPA 1998). After considering the assessment the DEC may require the co-proponents to undertake a detailed investigation in accordance with the Guidelines and/or undertake any necessary remediation work. Areas of potential contamination include those identified in Figure 13.1 of the EIS, the sites of former buildings P22 and H1, and any other areas identified by the co-proponents during the course of the activity.	Construction	Mawland	Works in areas of potential contamination were undertaken in accordance with the ‘Managing Land Contamination: Planning Guidelines’ (DUAP & EPA 1998).	Compliant
197	As part of the EMP, the co-proponents shall prepare and implement an erosion and sedimentation control plan to be implemented for all works that involve ground surface disturbance.	Operation	NPWS	An Erosion and Sedimentation Control Plan was prepared in 2005. The Plan has been reviewed in 2023 and submitted to NSW Planning on 29/09/2023 as part of the EMP.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	The plan will be prepared in accordance with the guideline “Managing Urban Stormwater – Soils and Construction” (DoH 1998), but with adaptations as necessary and appropriate for the Quarantine Station site.				
198	Regular inspections of temporary and permanent erosion and sedimentation control devices shall be undertaken during the undertaking of any works involving ground surface disturbance.	Operation	NHS	No works involving ground surface disturbance were undertaken during the reporting period.	Not Triggered
<b>NOISE</b>					
199	As part of the EMP, the co-proponents shall prepare and implement a noise management plan for both the construction and operation phases of the activity. The plan should include, but not be limited to: <ul style="list-style-type: none"> <li>a) standards to be met, consistent with relevant EPA guidelines;</li> <li>b) noise mitigation measures, including educational signage for visitors entering and exiting the site;</li> <li>c) regular monitoring of both construction and operational activities. This is to include:</li> </ul>	Operation	NHS	A Noise Management Plan was prepared in 2005. The Plan was implemented for the construction phase and is the basis for operational phase of the activity.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>noise generated from on-site activities, measured both within the site and off-site</li> <li>road traffic noise during peak periods of vehicle movements to and from the site, especially in the vicinity of residential areas along Darley Road and Manly Hospital; and</li> </ul> <p>d) adaptive management measures.</p>				
200	<p>Noise levels are to be managed and monitored in accordance with the approved noise management plan. If relevant noise standards are exceeded the co-proponents shall take all reasonable steps to ensure that measures are put in place to meet the standards:</p> <p>a) for construction works, within 1 week of the exceedance being identified; and</p> <p>b) for operational activities, within 6 months of the exceedance being identified.</p>	Operation	NHS	<p>During the reporting period noise levels were managed in accordance with the conditions of approval.</p> <p>No complaints were received regarding noise during the reporting period.</p> <p>AKA Acoustic completed noise monitoring in the vicinity of the Boilerhouse Restaurant during February 2023. Their report is Annexure A of the 2023 Draft Noise Management Plan</p>	Compliant
201	<p>Amplified music or noise on the site shall be managed on the following basis:</p> <p>a) any amplified music or noise or ambient dining music shall not exceed the LAeq noise level of 50</p>	Operation	NHS	<p>During the reporting period noise levels were management and monitored in accordance with the conditions of approval.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>dB(A) as measured up to 20 metres away from the edge of the building in which the music or noise is being generated;</p> <p>b) outdoor amplification may only occur during the day period and must not exceed LAeq noise level of 50 dB(A), as measured at any point along the existing fence line (as at 2017) to the beach area; and</p> <p>c) ambient dining music in the outdoor eating area adjacent to the Boilerhouse Restaurant (Building A6) during the evening and night time period is restricted to the following times:</p> <ul style="list-style-type: none"> <li>• March to April (inclusive): no restriction;</li> <li>• May to July (inclusive): not permitted at any time; and</li> <li>• August to February (inclusive) not permitted from sunset.</li> </ul>			Noise levels are managed with cut-off devices on all audit visual equipment to ensure they do not exceed the stated noise levels.	
201A	<p>Within one year of the date of determination of Modification 3, the co-proponents shall provide a Noise Validation Report (NVR) to the satisfaction of the Secretary. The NVR shall:</p> <p>a) be prepared by a suitably qualified acoustic consultant;</p>	Operation	Mawland	The Noise Validation Report was provided to NSW Planning as required by the condition.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>b) include noise monitoring results collected during the previous twelve months, including results from at least half of the maximum capacity events held within the twelve month period;</li> <li>c) verify compliance with the operational noise limits under Term 201;</li> <li>d) identify mitigation and/or management measures required to ensure compliance with the operational noise limits in Term 201;</li> <li>e) include detail of all complaints received by the site from the previous twelve months; and</li> <li>f) include details of ongoing periodic noise testing and complaints handling procedures.</li> </ul>				
202	Even if relevant industry and technical standards for noise management are met, the DEC may direct the co-proponents to take appropriate measures to reduce or alter noise levels, or to implement measures earlier than the time-frames specified in condition 200), after considering monitoring information for the Long-nosed Bandicoot and Little Penguin	Operation	NHS	No such direction has been received.	Not Triggered



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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populations. The co-proponents shall comply with any such directions.

**WASTE**

203	<p>As part of the EMP, the co-proponents shall prepare and implement a waste management plan to address the handling, stockpiling and disposal of wastes and construction materials during all phases of the activity. The plan shall include, but not be limited to, the following:</p> <ul style="list-style-type: none"> <li>a) procedures to ensure that demolition and construction materials are stockpiled clear of environmentally sensitive areas;</li> <li>b) waste avoidance and reduction measures, including strategies for recycling and re-use of waste materials;</li> <li>c) procedures for the removal and disposal of waste at an appropriately licensed facility, including asbestos material;</li> <li>d) on-site education and signage to promote and encourage “no feeding” rules for wildlife and appropriate waste disposal procedures; and</li> </ul>	Operation	Mawland	A Waste Management Plan was prepared in 2005 and was reviewed in 2023 and was submitted to NPWS on 17/11/23 for approval..	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	e) procedures for regular litter inspection and collection.				
204	All handling, stockpiling and disposal of wastes and construction materials shall be undertaken in accordance with the waste management plan and all necessary licenses, permits or other approvals must be obtained by the co-proponents.	Operation	Joint	The handling, stockpiling and disposal of wastes and construction materials are undertaken in accordance with the Waste Management Plan.  The Waste Management Contractor is licensed to remove and dispose of the waste.	Compliant

**SITE MANAGEMENT**

**Emergency And Evacuation Plan**

205	<p>Prior to the commencement date the co-proponents shall submit an emergency and evacuation plan for the site to the DEC for approval. The plan will be prepared in consultation with the NSW Ambulance Service, NSW Police and NSW Fire Brigade and shall address, but not be limited to:</p> <p>a) emergency and/or evacuation procedures for a range of incidents, including spillages, boat collisions, fire, bomb threats, power blackout, personal injury, disturbance to human burial sites, etc;</p> <p>b) interim site fire safety measures to be provided until the upgrade of</p>	Construction	Mawland / NHS	<p>The Visitor Management Plan was approved by National Parks and Wildlife Division on 13 July 2005 and DIPNR on 10 August 2005 and includes an Emergency and Evacuation Plan at section 7. The Plan was implemented.</p> <p>A standalone Emergency and Evacuation plan was developed by NHS in 2023 and submitted to NPWS on 17/11/23 and Department of Planning, Housing and Infrastructure on 27/11/23 for approval. Comments received from NSW Police and the Ambulance Service were incorporated in the reviewed plan. Comments received only recently from NSW Fire + Rescue may require the reviewed plan to be adjusted and referred once again for approval</p>	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>the fire hydrant system has been completed (condition 211);</p> <ul style="list-style-type: none"> <li>c) safety and emergency signage;</li> <li>d) an emergency alarm system;</li> <li>e) the location of evacuation points and an evacuation procedure;</li> <li>f) regular testing of the system;</li> <li>g) emergency equipment and appropriate storage locations;</li> <li>h) staff training; and</li> <li>i) emergency contact details for relevant staff.</li> </ul> <p>Once approved, the co-proponents shall implement the plan.</p>				
206	<p>All staff shall be made aware of the plan and its provisions and be trained in the operation of emergency equipment. Records of staff training will be kept by the co-proponents and included as part of the annual environmental report (see condition 221).</p>	Operation	NHS	<p>All staff are made aware of the emergency and evacuation plan and are trained in the operation of emergency equipment. Records of staff training are held by the General Manager of Q Station.</p>	Compliant
207	<p>The plan is to be displayed at prominent locations within the site and is to clearly highlight the recommended actions and 24 hour telephone contacts for emergency situations.</p>	Operation	NHS	<p>Emergency and Evacuation details are displayed in administrative or staff areas on site. Adjacent to the door in every room is an emergency evacuation sign detailing closest evacuation point and emergency contact numbers. Safety information is also available on the guest compendium app.</p>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
208	The co-proponents shall undertake a review of the plan every five years after the commencement date for the duration of the activity or earlier if considered necessary by the DEC. The review shall be prepared in consultation with the agencies specified in condition 205). On the basis of the review the co-proponents shall, as necessary, prepare a revised Emergency and Evacuation Plan to be submitted to the DEC for approval.	Operation	NHS	A standalone Emergency and Evacuation plan was developed by NHS in 2023 and submitted to NPWS on 17/11/23 and Department of Planning, Housing and Infrastructure on 27/11/23 for approval. Comments received from NSW Police and the Ambulance Service were incorporated in the reviewed plan. Comments received only recently from NSW Fire + Rescue may require the reviewed plan to be adjusted and referred once again for approval.	Compliant
<b>Fire Safety</b>					
209	The co-proponents shall prepare a fire safety schedule for each building on the site. The schedule shall be submitted to DEC for approval prior to occupation or use of a building on the site for the activity. The schedule shall be prepared in accordance with the NPWS Construction Assessment & Approvals Procedure and the following specific requirements:  a) be prepared by a Fire Protection Consultant with at least 5 years' experience;  b) identify fire safety services to be installed (including type of service, location and other specifications) to	Construction	Mawland	A fire safety schedule was prepared and submitted to DEC prior to occupation of the buildings.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>meet BCA standards (or an acceptable alternative);</p> <p>c) identify interim fire safety measures that could be implemented to allow the use of buildings in the short term; and</p> <p>d) provide a statement outlining the potential impact of the work on the heritage significance of the building, and proposed mitigative measures.</p>				
210	<p>No building on the site shall be occupied or used after the commencement date until such time as fire safety measures have been implemented and an interim or final Fire Safety Certificate issued in accordance with the NPWS Construction Assessment and Approvals Procedure. This includes any purposes that were being undertaken prior to the commencement date. In the event of any inconsistency this condition shall prevail over any other condition of approval (with the exception of condition 50).</p>	Construction	Mawland	A Fire Safety Certificate was issued prior to the occupation or used of each building.	Compliant
211	<p>The co-proponents shall also undertake the following fire safety measures:</p> <p>a) all buildings are to be brought up to BCA standards for fire safety (or an</p>	Operation	NHS	Wormald are the main contractor providing monthly/6 monthly inspections on all fire suppression equipment. This includes fire extinguishers, fire hose reels, smoke and fire alarms in all rooms and a sprinkler system to all buildings	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>acceptable alternative). This shall occur in stages to match the staging plan for works, as amended by condition 31);</p> <p>b) an upgrade of the fire hydrant system to meet NSW Fire Brigade standards shall be completed within 5 years of the commencement date. In the meantime, the co-proponents shall ensure that the fire measures detailed in the emergency and evacuation plan (condition 205) are in place and functioning;</p> <p>c) an annual fire safety statement of the site buildings, prepared in accordance with the NPWS Construction Assessment &amp; Approvals Procedure, shall be submitted for DEC approval; and</p> <p>d) the co-proponents shall comply with the terms of any fire safety order issued by or on behalf of the DEC.</p>			<p>from P1-P12. The central fire hydrant system is also tested.</p> <p>A yearly Condition report for fixed and portable fire equipment was received from Wormald dated 31.1.24 covering the 2023 period.</p> <p>The fire control panels are registered with ADT who monitor all faults and advise North Head Sydney accordingly. If there is a major fault in the system from smoke alarms /sprinklers the local fire brigade is alerted and attend to the situation.</p>	
<b>Bushfire Management Plan</b>					
212	The co-proponents are to liaise with the DEC and any other relevant authorities to ensure that the provisions of any adopted bushfire management plans applicable to the site are implemented.	Operation	NPWS	The North Head Fire Management Strategy has been superseded by the <i>Statement of Fire Management Intent: Sydney Harbour – Kamay Botany Bay Fire Planning Landscape</i> .	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
				This is currently being implemented in Quarantine Station, with planning for upgrading Asset Protection Zones underway.	
<b>HOURS OF OPERATION</b>					
213	All construction activities, including entry and departure of heavy vehicles, shall be restricted to the following hours: a) <b>during daylight savings (ie. summer)</b> - 7am – 6pm Monday to Friday, 8am-1pm Saturday; b) <b>at other times (ie. winter)</b> - 7am – 5pm Monday to Friday, 8am-1pm Saturday; and c) <b>Sundays or public holidays</b> - no work is to be undertaken, except for emergency works or minor, low noise activities such as painting.	Operation	NHS	There was no construction activity during the reporting period.	Not Triggered
214	The hours of operation for specific uses shall be as follows: a) <b>restaurant in A6</b> – closed to the public by 11.00 pm; b) <b>conferences and functions</b> – no organised visitor activity past 11.00 pm; and c) <b>night tours</b> – the 1918 Night Experience sound and light show to conclude by 11.00 pm. The Late	Operation	NHS	The hours of operation of the stated specific uses are in accordance with the condition of approval.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	Ghost Tour to conclude by 12.00 midnight.				
215	Service providers and contractor vehicles may only access and exit the site between 7.00 am and 12.00 pm (mid-day). This does not apply to vehicles involved in the undertaking of construction or conservation works.	Operation	NHS	<p>Except for conservation works the access and exit of all service providers and contractors' vehicles complied with the condition of approval during the reporting period.</p> <p>There were no construction works during the reporting period.</p>	Compliant

**MONITORING AND AUDITING PROGRAM**

**Monitoring**

216	<p>Within twelve months of the commencement date an integrated monitoring program for the activity shall be prepared by the co-proponents and submitted for approval of DEC and DIPNR. The program shall be prepared in consultation with the Heritage Council and other relevant authorities. Implementation of the program shall commence no later than three months from the date of approval of the program.</p> <p>The primary aim of the program shall be to monitor over time the effects of the activity on the significance of the Quarantine Station site and immediately adjoining areas (such as Quarantine Beach and the Wharf), and to identify the need to develop and</p>	Operation	NHS	<p>An Integrated Monitoring and Adaptive Management System (IMAMS) programme was developed in 2006</p> <p>From 2006 until 2022 implemented monitoring was documented in previous Annual Environment reports and Audits.</p> <p>. The program was revised in 2023 and submitted to the Heritage Council on 27/11/23, NPWS on 15/11/23 and the Department of Planning, Housing and Infrastructure on 27/11/23</p>	Compliant
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CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>implement strategies to respond to any adverse impacts identified. An integrated monitoring program shall be implemented for the life of the activity and shall address:</p> <ul style="list-style-type: none"> <li>a) the feature or issue to be monitored;</li> <li>b) how the monitoring will be undertaken (eg. methods) and who will undertake this work;</li> <li>c) frequency of monitoring; and</li> <li>d) a process for reviewing the results of monitoring and identifying measures to be implemented to respond to impacts, and/or to meet the requirements of the approval.</li> </ul>				
217	<p>The program shall include, but is not limited to, the following matters:</p> <ul style="list-style-type: none"> <li>a) visitor access information – see conditions 135) and 156);</li> <li>b) the interpretive program, and whether it is achieving its goals (to include consideration of quality of visitor experience, visitor understanding and presentation performance) (condition 100);</li> <li>c) Aboriginal heritage – including the condition of physical sites (condition 70);</li> </ul>	Operational	Joint	Noted, the 2006 plan and the 2023 revision of the plan covers all the matters mentioned in this clause of the condition of approval.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<ul style="list-style-type: none"> <li>d) non-Aboriginal heritage – including the condition of buildings and structures, landscape features, moveable heritage and conservation works progress (conditions 78) and 85);</li> <li>e) flora and fauna - including general monitoring during construction and operation phases, as well as specific strategies for monitoring threatened species, including the Little Penguin and the Long-nosed Bandicoot (conditions 167) and 177)-178);</li> <li>f) seagrasses (condition 184);</li> <li>g) soil and erosion (conditions 197)-198);</li> <li>h) noise (condition 199);</li> <li>i) stormwater management, including water quality (condition 104);</li> <li>j) infrastructure – consumption and capacity (water, sewer, gas, etc – condition 105);</li> <li>k) waste management (condition 203); and</li> <li>l) staff and contractor training – including induction programs (conditions 64) and 65) and emergency training (condition 206)</li> </ul>				

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
218	On the basis of the outcomes of the integrated monitoring program, the co-proponents shall, subject to DEC and any other approvals required as specified in the conditions of approval, use the adaptive management system to adjust the undertaking of the activity to conserve the significance of the site.	Operation	Joint	No adjustment of the activities on the site was required during the reporting period to conserve the significance of the site	Not Triggered
219	As part of the annual environmental report (condition 221) and comprehensive audit (condition 226), the co-proponents shall produce a monitoring report outlining results from the integrated monitoring program. The report shall: <ul style="list-style-type: none"> <li>a) include an analysis of monitoring results and trends collected over time; and</li> <li>b) identify measures taken or proposed to be undertaken to respond to any adverse or unexpected impacts identified.</li> </ul>	Operation	Joint	A monitoring report from each of the co proponents is attached to this report (refer Appendices C and E). These reports: <ul style="list-style-type: none"> <li>▪ include an analysis of monitoring results and trends collected over time; and</li> <li>• identify measures taken or proposed to be undertaken to respond to any adverse or unexpected impacts identified.</li> </ul>	Compliant
220	The co-proponents shall undertake a regular review of the overall integrated monitoring program concurrent with or prior to the ongoing comprehensive audits of the activity (condition 228). The review shall be undertaken in consultation with the relevant authorities. On the basis of the review the co-proponents shall, as necessary,	Operation	NHS	Noted, next comprehensive audit is due in 2026  No previous review of IMAMS has been documented in alignment with Comprehensive Audits. The program has been reviewed during 2023	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	prepare a revised program to be submitted to the DEC and DIPNR for approval.				
<b>Annual Environmental Report</b>					
221	An annual environmental report for the activity shall be prepared by the co-proponents and submitted to the DEC, DIPNR, NSW Heritage Council, Waterways Authority, NSW Fisheries and the Quarantine Station Community Committee for comment. In reviewing the annual environmental report these organisations are to specifically consider issues associated with visitor impacts arising from the activity.  <i>Note: Waterways Authority is now Transport for NSW.</i>	Operation	Joint	This Annual Environmental Report for 2023 was submitted to the authorities and the QSCCC mentioned in the condition of approval on 17 <sup>th</sup> January 2024.  Summary of comments received and the co-proponents responses are included in Appendix F.	Compliant
222	In submitting the report in accordance with condition 221), the co-proponents shall identify a timeframe for the receipt of comments. As a minimum, the organisations listed in condition 221) shall have 4 weeks to provide comment, starting from the date on which they receive the report. An extension of the timeframe for comments may be agreed between the relevant organisation(s) and the co-proponents.	Operation	Joint	See Section 1.2 of the report for details of stakeholders and review timeframes.	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
223	The co-proponents shall submit the first environmental report approximately 12 months after the commencement date, although this may be adjusted if agreed by the DEC to match the end of the calendar or financial years or to coincide with the staging plan (condition 31), and at annual intervals thereafter. No annual report is required in the year that a comprehensive audit is due (condition 228).	Operation	Joint	The co-proponents submit this 2023 Annual Environmental Report. Due to the volume of comments received and delayed submission of some comments, , an extension was discussed with NSW Planning and formally requested via the Major Projects Planning portal on 26 February 2024.	Compliant
224	The annual environmental report shall: <ul style="list-style-type: none"> <li>a) state how the co-proponents have complied with relevant approval conditions;</li> <li>b) include the outcomes of the annual monitoring report (condition 219);</li> <li>c) state any measures taken or proposed by the co-proponents to respond to issues arising from:                             <ul style="list-style-type: none"> <li>• the integrated monitoring program</li> <li>• consultations with the community; and</li> </ul> </li> <li>d) state any recommendations from the co-proponents regarding the undertaking of the activity, if considered necessary.</li> </ul>	Operation	Joint	The 2023 Annual Environmental Report was prepared in accordance with the <i>Compliance Reporting Post Approval Requirements</i> (DPIE, 2020).  COPA 224 requirements have been met for: <ul style="list-style-type: none"> <li>(a) disclosed in Appendix A.</li> <li>(b) refer Appendices C and E</li> <li>(c) refer Appendices C, E and F</li> <li>(d) refer Appendices C and E</li> </ul>	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
225	<p>The co-proponents shall take all reasonable steps to comply with any requirements of the DEC, DIPNR, NSW Heritage Council, NSW Fisheries and Waterways Authority in regard to the outcomes of the annual environmental report. The co-proponents shall also consider the recommendations and comments of the Quarantine Station Community Committee and provide a response to the Committee.</p> <p><i>Note: Waterways Authority is now Transport for NSW.</i></p>	Operation	NPWS	Noted. Reasonable steps have been taken to comply with any requirements of stakeholders in regard to the outcomes of the annual environmental report (refer Appendix F). A response will be provided to the QSCCC for discussion at the next scheduled meeting.	Compliant
<b>Audit</b>					
226	<p>A comprehensive audit of the activity shall be prepared by a suitably qualified, experienced and independent person in accordance with the timeframes specified in condition 228), for the duration of the activity. The audit process shall be consistent with ISO 14010 – Guidelines and General Principles for Environmental Auditing and ISO 14011 – Procedures for Environmental Auditing, or updated versions of these.</p>	Operation	Joint	The next Comprehensive Audit Report is not due until 2026, after the expiration of the approval.	Not Triggered
227	<p>The co-proponents shall meet the cost of the comprehensive audit. The</p>	Operation	Joint	Noted	Not Triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	appointment of the auditor shall be approved by the DEC and DIPNR.				
228	Preparation of the first comprehensive audit report shall coincide with the conclusion of stage 2 of the staging plan (condition 31). Subsequent comprehensive audit reports shall then be undertaken every 5 years after the commencement date, although this may be adjusted if agreed by the DEC to link with the timing of the annual environmental reports (condition 223).	Operation	Joint	Noted. The most recent audit was for the period 2018 - 2021 and finalised in February 2022 (refer section 2 of Annual Environmental Report). The approval expires in December 2024.	Compliant
229	The audit shall address, but not be limited to: <ul style="list-style-type: none"> <li>a) the environmental performance of the activity and its effects on the environment;</li> <li>b) compliance by the co-proponents with the approval conditions;</li> <li>c) the adequacy of the integrated monitoring program and EMP;</li> <li>d) the adequacy of measures taken or proposed by the co-proponents to respond to issues arising from:                             <ul style="list-style-type: none"> <li>• the integrated monitoring program; and</li> <li>• consultations with the community;</li> </ul> </li> </ul>	Operation	Joint	Noted	Compliant

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>e) consideration of the key impact predictions made in the EIS and PAS using information from the integrated monitoring program;</p> <p>f) the adequacy and functioning of the information management and GIS system (once in place – conditions 66)-69); and</p> <p>g) any other matters considered necessary by the DEC, Heritage Council, Waterways Authority or DIPNR.</p> <p>The audit report may recommend measures or actions to improve the environmental performance of the activity and/or its environmental management and monitoring systems, if these are considered necessary</p>				
230	<p>A draft comprehensive audit report shall be submitted by the auditor to the co-proponents, DEC, DIPNR, NSW Heritage Council, Waterways Authority, NSW Fisheries and the Quarantine Station Community Committee for comment.</p> <p><i>Note: Waterways Authority is now Transport for NSW.</i></p>	Operation	Joint	Noted. Approval expires in December 2024.	Not triggered
231	<p>In submitting the report in accordance with condition 230), the auditor shall identify a timeframe for the receipt of</p>	Operation	Joint	Noted	Not triggered



CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
	<p>comments. As a minimum, the organisations listed in condition 230) shall have 6 weeks to provide comment, starting from the date on which they receive the report. An extension of the timeframe for comments may be agreed between the relevant organisation(s) and the auditor.</p>				
232	<p>The auditor shall consider comments received from the organisations listed in condition 230) and prepare and submit a final audit report to the DEC and DIPNR. Based on the outcomes of the final audit report, and after considering any comments provided by the organisations listed in condition 230), the DEC and/or DIPNR may require the co-proponents to address certain matters identified in the audit. The co-proponents shall comply with any such requirements.</p>	Operation	Joint	<p>Matters outstanding from the 2022 comprehensive audit have been reported against in section 2 of this Annual Environmental Report.</p>	Compliant
233	<p>If, after considering the outcomes of the comprehensive audit, the DEC, DIPNR and/or the co-proponents consider that significant revisions to the undertaking of the activity or mitigative measures are required to protect the significance of the site, any such proposed revisions will be submitted to the Minister for Infrastructure, Planning and Natural Resources. Prior to the</p>	Operation	Joint	<p>Noted. No significant revisions to the undertaking of the activity or mitigative measures were required to protect the significance of the site.</p>	Not triggered

CoPA	Compliance requirement	Development phase	Responsibility (NPWS, North Head Sydney or Joint)	Evidence and comments	Compliance status
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Minister for Infrastructure, Planning and Natural Resources agreeing to any significant revisions, the details of the proposal are to be made available for public comment. The co-proponents shall comply with any reasonable directions of the Minister.

SCHEDULE 2

**ELEMENTS OF ACTIVITY NOT APPROVED (CONDITION 17)**

The following aspects of the activity are not approved as part of this application

Location	Element refused and additional comments	Comments	Compliance Status
<b>Wharf Precinct</b>			
Concrete stormwater pipe at Quarantine Beach.	The proposed alterations are not approved as there is insufficient information in the current application to assess the potential environmental impacts.	There has been no application seeking approval for this aspect of the activity.	Not Triggered
Open area between A7, A8 and A11-12	Power poles - the removal of overhead power poles is not approved, except where they are to be replaced with new poles of a similar size and materials (DACMP CPP 16.8.2).	There has been no application seeking approval for this aspect of the activity.	Not Triggered
A12	The interior wall and ceilings of A12 are not to be re-painted, but may be sealed to prevent deterioration.	There has been no application seeking approval for this aspect of the activity.	Not Triggered
First cemetery	The placement of symbolic markers is not approved. Interpretation of the cemetery should not overtly herald its presence to people moving through the site (Landscape Data Sheet L01, L01a).	There has been no application seeking approval for this aspect of the activity.	Not Triggered
<b>Administration Precinct</b>			
Building S2	The extension to the timber verandah is not approved as this would adversely alter the external configuration of the building, which makes a strong aesthetic contribution to the centre and core areas of the site (DACMP Building Data Sheet S02).	There has been no application seeking approval for this aspect of the activity.	Not Triggered

Location	Element refused and additional comments	Comments	Compliance Status
	However, if the preparation of detailed design plans for the building indicates that alterations to the verandah are necessary to accommodate disabled access, then these may occur subject to approval of the design and construction plans. Refer also Schedule 3.		
Building S4	Changes to the bathroom fitout are not approved as it is a rare surviving fitout of an early bathroom on the site. Any adaptation of the bathroom must retain the fabric specified in DACMP Building Data Sheet S04. Reconstruction of the verandah based on research may occur.	There has been no application seeking approval for this aspect of the activity.	Not Triggered
Building S10	Demolition of the verandah structure is not approved, however removal of the AC infills may occur, consistent with DACMP Building Data Sheet S10.	There has been no application seeking approval for this aspect of the activity.	Not Triggered
Building S12	The conversion of the laundry to a bathroom is not approved as it is a largely intact and rare example on the site (DACMP Building Data Sheet S12).	There has been no application seeking approval for this aspect of the activity.	Not Triggered
<b>First and Second Class Precincts</b>			
Eastern perimeter of road through First and Second Class	Power poles - the removal of overhead power poles is not approved, except where they are to be replaced with new poles of a similar size and materials (DACMP CPP 16.8.2).	There has been no application seeking approval for this aspect of the activity.	Not Triggered
Gravel path from P12 to top	The proposal gravel path (as shown in Figure 2.1 of the PAS) is not approved, as this is an area of potential foraging	There has been no application seeking approval for this aspect of the activity.	Not Triggered

Location	Element refused and additional comments	Comments	Compliance Status
of the Funicular stairway	habitat for Long-nosed Bandicoots and in accordance with DACMP Policy GCP13.3.29.		

SCHEDULE 3

**ASPECTS OF THE PROPOSAL APPROVED SUBJECT TO MODIFICATION OR DETAILED DESIGN (CONDITION 18)**

The following aspects of the proposal are approved, subject to achievement of the specific outcomes and objectives shown in the table and:

- Compliance with the Quarantine Station Archaeological Management Plan (AMP)
- Any necessary approvals being obtained from the NSW Heritage Council; and
- Compliance with the NPWS Construction Assessment and Approvals Procedure

Approved	Specific Outcomes / Objectives	Comments	Compliance Status
Cross Precinct Issues			
Various buildings: methods for cooling and heating rooms	<ul style="list-style-type: none"> <li>• Rooms to be used for dining, kitchens, function and conference related purposes, as well as archival or records storage and administration may include appropriate contemporary technologies for cooling and heating, which includes installation of room air-conditioning in accordance with Heritage Council approval dated 2 March 2017 that can be reversed at any time.</li> <li>• Ceiling fans may be installed in other buildings, with preference to fans mounted over the ceiling light to minimise fabric impact.</li> <li>• Details of any proposed cooling and heating systems shall be included in the construction works application for the particular building. The application must demonstrate that the proposed system:                             <ul style="list-style-type: none"> <li>○ Will have as little adverse impact on significant fabric as practicable;</li> <li>○ Will not have significant adverse visual impacts; and</li> </ul> </li> <li>• Is clearly capable of being removed, and fabric reinstated, at some future point consistent with the principle of reversibility.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered

Road repairs	<ul style="list-style-type: none"> <li>No timber kerbs are to be installed as this is contrary to the DACMP policy GCP 13.3.43, which states that new retaining walls (this includes kerbs) should be sympathetic to neighbouring examples in terms of scale, material and texture.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Lower Reservoir – water reservoirs/tanks	<ul style="list-style-type: none"> <li>Full details of the proposed design and layout of the water reservoirs and associated infrastructure are to be submitted to the DEC. This shall include evidence of consultation with Sydney Water (condition 16).</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Excavation and installation of second water network for fire purposes	<ul style="list-style-type: none"> <li>Relevant assessments are to be undertaken in accordance with the Archaeological Management Plan.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Symbolic fences	<ul style="list-style-type: none"> <li>Location and design options for the symbolic fences are to be addressed in the outdoor visitor infrastructure plan (condition 112). Documentary evidence of earlier fences and/or boundary markers must be considered.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Artificial foraging habitat for Long-nosed Bandicoots – below P1, A28-29, P3, P5, P7 and near CP5	<ul style="list-style-type: none"> <li>Habitat reconstruction and/or rehabilitation shall only occur in accordance with the revised habitat assessment (condition 165).</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
<b>Wharf Precinct</b>			
Removal or modification of the existing fence along the beachfront.	<p>Any modification or replacement of the existing fence shall occur in accordance with the following criteria:</p> <ul style="list-style-type: none"> <li>the design and materials will reflect the historic separation of uses and the need to provide adequate security (especially at night), but may</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered

	<p>allow for improved views and reduced visual impacts;</p> <ul style="list-style-type: none"> <li>• limited openings in the fence may be provided, but must be capable of being closed for security reasons. Suitable areas include near the wharf and behind building A7;</li> <li>• there shall be no openings at the northern end of the beach in the immediate vicinity of the outdoor eating area at A6, with the exception of openings to assist the movement of Little Penguins. Any existing openings in this area are to remain closed and are not to be available for general public access to the beach;</li> <li>• any openings shall be of the minimum width necessary, but may be capable of being expanded in the event of an emergency;</li> <li>• any openings are to include measures to protect the dunes and grassed areas and to prevent erosion; and</li> <li>• temporary signage is to be provided on the beach during the Little Penguin breeding season, as detailed in condition 175).</li> </ul>		
Waterfront forecourt	<ul style="list-style-type: none"> <li>• Design of sculptures to be approved by DEC.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
A14-17 – Visitor Centre	<ul style="list-style-type: none"> <li>• The theatrettes are to follow the general layout and direction shown in Drawing No. L-A14-17 of the PAS, but options shall be investigated to provide for a greater retention of luggage racks.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Open area between A7, A8 and A11-12	<ul style="list-style-type: none"> <li>• A5 symbolic presentation - removal of the bitumen to uncover footings is to occur in accordance with the provisions of the AMP.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
A6 – shade structures	<p>Indoors</p> <ul style="list-style-type: none"> <li>• The timber platform may be relocated to another area within A6 if necessary.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered



- The construction works application shall specifically address the following matters:
  - Provide details of access and serving arrangements for sit-down and take-away food provision;
  - Details of the proposed mezzanine, which shall be generally in accordance with the preliminary details provided by the Proponent and NPWS on 14 October 2002, and designed to minimise the mezzanine floor area (eg. By efficient table layouts);
  - Demonstrate that the proposal will have as little adverse impact on significant fabric as practicable;
  - Demonstrate that the exhaust flue will have as little adverse visual impact on the external appearance of the building as practicable; and
  - Demonstrate that the finishes, equipment and services required for the restaurant operation are clearly capable of being removed, and fabric reinstated, at some future point consistent with the principle of reversibility.

#### Outdoors

- The boundary of the outdoor eating area must correspond with the beachside building line of A6.
  - The existing coral trees in the vicinity of the outdoor eating area shall be regularly inspected and maintained in accordance with condition 160.
  - A shade structure/s over the outdoor eating area beside the Boilerhouse (Building A6) may be provided in accordance with approval granted by NSW Heritage Division (or any subsequent agency).
  - Individual umbrellas and/or temporary shade structures are permitted in outdoor eating areas, including the wharf area, where there is no permanent shade structure.
  - Any umbrella or shade structure must be positioned as to minimise, to the maximum extent possible, any
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	<p>adverse visual impact. It shall not contain any third-party advertising to the site and its operation.</p> <ul style="list-style-type: none"> <li>• The colour and nature of shade structures and/or umbrellas is to be neutral and in keeping with the natural environment</li> <li>• The colour, type, location, time limits and frequency of use of umbrellas or any shade structure must be approved by the Heritage Council prior to commencing use.</li> </ul>		
A6 – sewer outlet	<ul style="list-style-type: none"> <li>• The final route is to be determined following completion of assessments in accordance with the AMP and following approval of the Infrastructure Control Plan (condition 105).</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Construction of stairway over the former funicular railway	<p>The final location of the route is to be determined following the outcomes of an archaeological assessment in accordance with the AMP.</p> <ul style="list-style-type: none"> <li>• The stairway width shall be kept to the minimum necessary to comply with BCA requirements.</li> <li>• No viewing or landing platforms shall be constructed, except where these may be necessary to achieve compliance with the BCA.</li> <li>• Preference shall be given to a metal construction, rather than timber, with the physical footprint of the structure kept to the minimum necessary to comply with the BCA.</li> <li>• The structure shall be of a colour that allows it to blend with the surrounding landscape.</li> <li>• The entire route of the former Funicular shall be identified and interpreted.</li> <li>• Lopping, trimming or removal of vegetation adjoining the stairway shall not occur, except where this is necessary as part of the stairway construction process or for on-going public safety. Vegetation shall not be removed for the sole purpose of improving views from the stairway.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Bitumen pathway to hospital	<ul style="list-style-type: none"> <li>• Options for managing public access to the inscriptions, including re-alignment of the walkway,</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered

	are to be considered in development of the Inscriptions Management Plan (condition 95).		
Second Cemetery	<ul style="list-style-type: none"> <li>Options for re-instatement of headstones are to be addressed in the Heritage Landscape Management Plan (condition 91). Any proposal to re-instate headstones must be based on archival evidence regarding the original location of headstones. Where this is not available, the manner of reinstatement must clearly demonstrate this lost knowledge.</li> <li>Any evidence of graves, including clay banking from 1881, shall be retained as per DACMP Landscape Data Sheet L01 and L01a.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Building S9	<ul style="list-style-type: none"> <li>Research into the construction history of the building is required prior to undertaking any works on this building. The results of this research should form the basis for developing an approach to the ongoing use and maintenance of this building.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Building P14-16	<ul style="list-style-type: none"> <li>Detailed design work is to be submitted for proposed alterations to the shower and toilet blocks to address the requirements of the DACMP and relevant public health and educational facility requirements.</li> <li>If the public health and educational facility requirements cannot be met without significant departure from the provisions of the DACMP, then the alterations shall not proceed and alternative bathroom and shower arrangements must be made.</li> <li>Alternate options to carpeting within this building (eg. rugs) consistent with DACMP requirements for floors must be submitted.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Building P28-29	<ul style="list-style-type: none"> <li>Retention of as much significant fabric as possible in accordance with DACMP Building Date Sheet P28-29.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
<b>Hospital and Isolation Precinct</b>			
H6	<ul style="list-style-type: none"> <li>Details of the approach to rectifying any problems associated with rising damp are to be submitted.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered

H7-11 – accommodation	<ul style="list-style-type: none"> <li>Details of options for the retention of the 1914-1916 fabric and at least some of the 1958 fabric, in accordance with DACMP requirements, are to be submitted</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
H15	<ul style="list-style-type: none"> <li>The addition of a free standing timber platform above the ground alongside H15 is approved, subject to the submission of design details that demonstrate this would not significantly alter the form of the building, its appearance, starkness in the landscape or its basic amenity (DACMP Building Date Sheet H15).</li> <li>The timber platform shall be designed and constructed to be reversible and should be constructed close to the ground to minimise the need for a balustrade.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
<b>Administration Precinct</b>			
S2	<p>Adaptation must retain as much significant fabric as possible as specified in DACMP Building Data Sheet S02. Particular attention shall be given to:</p> <ul style="list-style-type: none"> <li>retention of as much of the partition layout as practicable;</li> <li>assess options for providing efficient guest access to the building, including swapping the location of the reception and guest lounge rooms as shown in Drawing No. L-S2 of the draft Site Master Plan (EIS Vol. 3);</li> <li>assess options for disabled access to the building; and</li> <li>removal of the lattice screen to the eastern verandah.</li> <li>Refer also Schedule 2.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
S4	<ul style="list-style-type: none"> <li>Reconstruction of the verandah shall occur following completion of research regarding an appropriate design.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
A28-29 – visitor shelter	<ul style="list-style-type: none"> <li>Details of the proposed mural are to be submitted to the DEC for approval.</li> <li>Provision for the retention of as much original fabric as possible shall be made in finalising detailed design</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered

	<ul style="list-style-type: none"> <li>plans for this building in accordance with DACMP requirements.</li> <li>A sub-floor archaeological assessment is to be completed.</li> </ul>		
A20	<ul style="list-style-type: none"> <li>Details of the proposed sampling approach to conservation of fabric, as per DACMP Building Data Sheet A20, are to be submitted.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
A26 – visitor shelter	<ul style="list-style-type: none"> <li>Details of the proposed mural are to be submitted to the DEC.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
A2	<ul style="list-style-type: none"> <li>Final design and material details for the entry area being submitted in accordance with the approved Heritage Landscape Master Plan (condition 91).</li> <li>Adaptation must retain as much fabric as possible as specified in DACMP Building Data Sheet A02.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
<ul style="list-style-type: none"> <li>First and Second Class Precincts</li> </ul>			
Eastern perimeter of road through First and Second Class	<ul style="list-style-type: none"> <li>Service trench – assessments must be completed in accordance with the AMP.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
P1, P2	<ul style="list-style-type: none"> <li>Complete removal of all wall hot water tanks is not appropriate. Details of a sampling strategy must be submitted.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
P1, P2 and P9	<ul style="list-style-type: none"> <li>Corridors in these buildings shall be retained as a functioning part of the building. That is, they will be available for use by guests. Internal doors from rooms into these corridors must not be permanently sealed.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
Re-instatement of badminton base, croquet	<ul style="list-style-type: none"> <li>Options for re-instatement are to be addressed in the Heritage Landscape Management Plan (condition 91).</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered

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lawn and tennis court

Building P11, P12	<ul style="list-style-type: none"> <li>Consistent with DACMP Building Data Sheets P11 and P12 the reconstruction of former stairs on the western elevation of buildings and the uncovering of fireplaces must be addressed in the construction works application for these buildings.</li> </ul>	No works relating to this aspect of the approval were carried out during the reporting period.	Not triggered
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SCHEDULE 4

**WORKS ASSOCIATED WITH THE WHARF (CONDITION 42)**

Condition Number	Condition	Comments	Compliance Status
1	<p>The following information shall be provided with the application:</p> <ul style="list-style-type: none"> <li>a) Four copies of detailed dimensioned working drawings, all signed by the co-proponents (or their delegate), complying with the “Guidelines for Waterside Structures” fully and clearly describing all the proposed works and their components;</li> <li>b) A condition survey report that includes                             <ul style="list-style-type: none"> <li>• Appropriate photographs</li> <li>• A detailed engineering commentary on the structure integrity of appropriate elements of the existing wharf</li> <li>• Appropriate sketches or drawings;</li> </ul> </li> <li>c) A diver’s inspection and pile inspection report;</li> <li>d) Calculations to verify that the existing wharf is structurally sufficient to carry the proposed loads;</li> <li>e) Correspondence from the operator that the wharf will be satisfactory for its intended use; and</li> <li>f) Details of appropriate lighting to the wharf deck</li> </ul>	<p>No works were undertaken to the wharf during the reporting period.</p>	<p>Not triggered</p>
2	<p>The following specifications shall be complied with:</p> <ul style="list-style-type: none"> <li>a) Any parts of the existing wharf that require removal must be completely removed from</li> </ul>	<p>No works were undertaken to the wharf during the reporting period.</p>	<p>Not triggered</p>

Condition Number	Condition	Comments	Compliance Status
	<p>Waterways Authority land. All piles and piers involved are to be completely withdrawn from the bed of the Spring Cove and not cut off. In accordance with condition 41), where such works require excavation or disturbance of the seabed a separate application and approval under Part 5 of the Environmental Planning and Assessment Act 1979 will be required; and</p> <p>b) All work is to be done in such a way that no construction or demolition debris etc falls, flows or is carried to the bed or waters of the Spring Cove and any such material entering the Cove is to be removed immediately</p> <p><i>Note: Waterways Authority is now Transport for NSW.</i></p>		
3	<p>Prior to commencement of use of the wharf, the following works must be undertaken to the satisfaction of the Waterways Authority:</p> <p>a) Installation of lifebuoys and ladders on the wharf;</p> <p>b) The top ½ metre of the mooring/fender piles shall be painted and kept painted white: all other elements of the facility shall be left unpainted or, if painting is required, be painted in a mid grey colour with matt finish; and</p> <p>c) Installation of signage indicating that the wharf is for use by the public ferry service only and is not available for private access or mooring.</p> <p><i>Note: Waterways Authority is now Transport for NSW.</i></p>	<p>No works were undertaken to the wharf during the reporting period.</p>	<p>Not triggered</p>





SCHEDULE 5

**LONG-NOSED BANDICOOTS – MONITORING REQUIREMENTS (CONDITION 167)**

The co-proponents shall undertake the following monitoring program

1. The co-proponents will negotiate with the DEC an annual contribution to assist the on-going implementation of any monitoring programs established as part of the Long-nosed Bandicoot Recovery Plan (once adopted). The contribution will be adjusted annually to reflect changes in the CPI.
2. The following specific elements shall also be monitored by the co-proponents

Element	Timing	Methods	Responsibility (NPWS, North Head Sydney, or Joint)	Comments	Compliance Status
Bandicoot activity and use of foraging habitat	To commence within one month of the commencement date	Monitoring will be undertaken using spotlight transects and surveys of Long-nosed Bandicoot diggings on a three monthly basis and will compare areas generally unaffected by the proposal (control areas) with areas potentially affected by the proposal (either by construction activities or visitors).	NPWS	NPWS replaced bandicoot foraging activity monitoring using spotlight transects (as per schedule 5) with bandicoot cage-trapping in consultation with NPWS and Saving our Species threatened species officers. Cage trapping involving mark, release and recapture is now the preferred method, as it is considered a better method for measuring abundance. It also allows additional data to be collected e.g. weight, gender, health and DNA. Bandicoot cage-trapping monitoring was undertaken in May 2023.	Non-Compliant
Any enhanced, reconstructed or rehabilitated habitat established in	To commence within one month of the works being completed	See above, but also to include identification of what use bandicoots are making of the	NPWS	No habitat enhancement works were undertaken during the reporting.	Not Triggered

Element	Timing	Methods	Responsibility (NPWS, North Head Sydney, or Joint)	Comments	Compliance Status
accordance with condition 165)		enhanced habitat areas, i.e. foraging, shelter, nesting.			
Deaths of Long-nosed Bandicoots attributable to vehicles. Road-deaths are taken to include any bandicoot remains identified on or next to roads	To begin within one month of the commencement date and to occur for the duration of the approval.	<p>Road-death monitoring shall be conducted by an appropriately trained and licensed person on a daily basis, within two hours of sunrise and is to be undertaken by driving set routes at slow speeds.</p> <ul style="list-style-type: none"> <li>monitored roads are to include all public roads within Sydney Harbour National Park i.e. Blue Fish Road, Collins Beach Road, North Head Scenic Drive from the Parkhill Archway to the North Head look out, and the internal roads with the Quarantine Station.</li> <li>road deaths are to be recorded on a publicly accessible mortality register, noting basic morphological details (age, sex and condition), the date, the name of the recorder, microchip number of the animal (if present) and the location plotted using a GIS-based map (see also conditions 169A and 66). For the purposes of road mortality monitoring an adult</li> </ul>	NHS	<p>Q-Station staff are on site 24/7 and conduct monitoring of the leased area as part of routine operations.</p> <p>Road deaths are recorded on a mortality register and a road mortality sign is clearly visible to the public after stone entrance to North Head. The sign includes a 24 hour phone number to allow members of the public to inform the lessor of any mortalities and what to do if an injured bandicoot is found.</p> <p>NPWS staff monitor fatalities outside the lease area on a daily basis.</p>	Compliant

Element	Timing	Methods	Responsibility (NPWS, North Head Sydney, or Joint)	Comments	Compliance Status
		<p>Long-nosed Bandicoot is defined as: female – 450 grams or heavier; male – heavier than 650 grams.</p> <ul style="list-style-type: none"> <li>• opportunities are to exist for the public to provide notification of road deaths that can be verified by a dead specimen or adequate photographic evidence.</li> <li>• where the cause of death or the age of the individual cannot be determined at the time of notification, the remains are to be collected and stored and a necropsy undertaken as soon as possible. Costs of the verification process shall be met by the co-proponents.</li> </ul>			

SCHEDULE 6

**LONG-NOSED BANDICOOTS: ADAPTIVE MANAGEMENT – ROAD MORTALITIES (CONDITION 169)**

Trigger	Trigger mechanisms	Responsibility (NPWS, North Head Sydney or Joint)	Comments	Compliance Status
Boundary of road mortality monitoring	For the purposes of applying the following trigger mechanisms, Long-nosed Bandicoot road mortalities are those adult mortalities recorded in accordance with the methods specified in Schedule 5 but only for internal roads of the Quarantine Station.	Joint	Noted, triggers have been applied to internal roads of Quarantine Station only as per the updated schedule 6.	Compliant
Trigger 1	If the level of private vehicle traffic generated by the proposal increases 10% above the projected levels measures shall be introduced to reduce traffic volumes to below these levels and as close as possible to the original projections. Trigger 1 will apply regardless of whether the following triggers have been reached and visa versa (e.g. Trigger 2 could occur first, with Trigger 1 occurring at a later stage).	NHS	Private vehicle traffic has not increased as such vehicles are not allowed on site.  A boom gate operates by Q Station reception staff to limit private vehicle access.	Not Triggered
Trigger 2	If in any six-month period there are 2 recorded adult road mortalities above the background level then the co-proponents must implement the following measures, unless otherwise agreed by the DEC:  (a) seek approval from the relevant authorities (including Council if necessary) to install additional traffic calming devices and signage at appropriate locations within or outside of the site as informed by the mortality register (Schedule 5) and GIS (Condition 66);	Joint	One bandicoot road mortality was recorded on QS internal roads [during the reporting year, which is below the threshold.	Not Triggered

Trigger	Trigger mechanisms	Responsibility (NPWS, North Head Sydney or Joint)	Comments	Compliance Status
	<p>(b) investigate the feasibility of providing road-side fencing to create defined road-crossing points for Long-nosed Bandicoots, particularly using the existing traffic calming devices; and</p> <p>(c) reduce the frequency and alter the timing of functions, conferences and activities (e.g. scheduling finishing times of activities to minimise traffic leaving or arriving at the site after sunset). With the exception of any additional traffic calming devices, fencing and signage, the measures may be reversed with approval from the DEC if adult road deaths return to less than 2 above the background level for six consecutive months.</p>			
Trigger 3	<p>If the measures in Trigger 2 above have been applied and adult road mortalities continue to exceed 2 deaths above the background level for a further six months then the co-proponents shall also implement the following measures, unless otherwise agreed by the DEC:</p> <p>(a) implement a sunset-to-sunrise curfew for overnight guest and day visitor private vehicles arriving at or leaving the site (including CP1 if at least half the mortalities have occurred outside of the site). During the curfew:</p> <ul style="list-style-type: none"> <li>o buses and coaches may continue to access the site in accordance with conditions 150) and 151);</li> <li>o the shuttle bus may continue to run from CPI to areas within the site; and</li> </ul>	Joint	Trigger 2 was not triggered this reporting year	Not Triggered

Trigger	Trigger mechanisms	Responsibility (NPWS, North Head Sydney or Joint)	Comments	Compliance Status
	<ul style="list-style-type: none"> <li>○ staff may continue to access and park in CP5 at all times;</li> <li>(b) provide a night shuttle bus service between Manly and the site (or some other means of public transport); and</li> <li>(c) implement measures identified in the assessment of habitat reconstruction and rehabilitation options (condition 165) that have not already been undertaken.</li> </ul> <p>The curfew must be implemented within 2 weeks of the six month mortality information becoming available. The curfew may be lifted and the shuttle bus service concluded with approval from the DEC once adult road mortalities return to less than 2 above the background level for six consecutive months.</p>			
Trigger 4	<p>If the measures in Trigger 3 above have been applied and adult road mortalities continue to exceed 2 deaths above the background level for a further six months then the co-proponents shall also implement the following measures, unless otherwise agreed by the DEC:</p> <ul style="list-style-type: none"> <li>• implement a total day and night ban on all guest and visitor private vehicles entering the site (including CP1 if at least half the mortalities have occurred outside the site). During the ban: <ul style="list-style-type: none"> <li>○ buses and coaches may continue to access the site in accordance with conditions 150) and 151);</li> <li>○ the shuttle bus may continue to run from CPI to areas within the site; and</li> </ul> </li> </ul>	Joint	Not triggered this reporting year.	Not Triggered

Trigger	Trigger mechanisms	Responsibility (NPWS, North Head Sydney or Joint)	Comments	Compliance Status
	<ul style="list-style-type: none"> <li>○ if at least half the mortalities have occurred inside the site, staff may only park in CP1 (with no restrictions on timing) otherwise staff may continue to access and park in CP5 at all times; and</li> <li>● provide a day and night shuttle bus service between Manly and the site (or some other means of public transport).</li> </ul> <p>The ban must be implemented within 4 weeks of the six month mortality information becoming available. The ban and associated restrictions may be lifted with approval from the DEC once adult road mortalities return to less than 2 above the background level for 12 consecutive months.</p>			
<p>Trigger 5 – potentially catastrophic events</p>	<p>If there are 10 adult road mortalities or more in any one month period or 15 or more in any consecutive three-month period, then all the measures identified in Triggers 2, 3 and 4 shall be implemented, unless otherwise agreed by the DEC. Where these are inconsistent, the more restrictive of the measures is to apply).</p> <p>The measures must be implemented within 2 weeks of the mortality information becoming available. The measures may only be reversed with approval from the DEC if adult road mortalities are less than the background level for 12 consecutive months.</p>	<p>Joint</p>	<p>Not triggered this reporting year</p>	<p>Not Triggered</p>



## SCHEDULE 7

### **LONG-NOSED BANDICOOTS – CALCULATING THE BACKGROUND ADULT ROAD MORTALITY LEVEL (CONDITION 170)**

The following process shall be followed to enable the existing non-comprehensive monitoring information to be phased out and replaced by the new monitoring information. However, if the provisions of conditions 172) and 173) are enacted then they shall prevail over the following process.

#### Process

- The revised background adult road mortality level is to be established by calculating a weighted average of the pre-commencement adult road mortalities (ie, the existing 10 per six months) with post-commencement recorded adult road mortalities, on the following basis:
- For the second year after the commencement date, the background level = 75% of 10 deaths plus 25% of the average six-monthly post-approval deaths (ie, adult road mortalities recorded during the first year after the commencement date);
- For the third year after the commencement date, the background level = 50% of 10 deaths plus 50% of the average six monthly post-approval deaths (ie. Adult road mortalities recorded in the two years after the commencement date);
- For the fourth year after the commencement date, the background level = 25% of 10 deaths plus 75% of the average six monthly post-approval deaths (ie. Adult road mortalities recorded in the three years after the commencement date); and
- For the fifth year after the commencement date the background level = the average six monthly post-approval deaths as recorded during the four years since the commencement date. This background level will be applied for the remainder for the life of the activity.

SCHEDULE 8

**LITTLE PENGUINS: ADAPTIVE MANAGEMENT (CONDITION 179)**

Trigger	Trigger Mechanism	Responsibility (NPWS, North Head Sydney, Joint)	Comments	Compliance Status
Trigger 1	<p>1) If monitoring indicates that the number of active Little Penguin breeding burrows between Cannae Point and the southern end of Store Beach has significantly decreased over two successive breeding seasons (July to February inclusive), and the DEC is satisfied that such decreases are either fully or partially related to the activity, the DEC may direct the co-proponents to implement appropriate measures. The measures may include, but not be limited to:</p> <ul style="list-style-type: none"> <li>(a) a reduction in the number of lights and their intensity in the Wharf Precinct, particularly in the vicinity of the restaurant in A6;</li> <li>(b) the provision of acoustic barriers in the vicinity of the restaurant at night, especially the outdoor eating area;</li> </ul>	NPWS	<p>The Manly Little Penguin Recovery Program monitoring (2022/2023) recorded an increase in active nests between store point and quarantine beach.</p> <p>The Manly Little Penguin Recovery Program monitoring (2022/2023) recorded 29 active nests across all sites in Manly and North Head, up from 22 in 2021/2022, but the same as 2020/21. However the total number of eggs laid and chicks fledged remained around the same as last year, due to the main breeding season starting later than normal meaning there was reduced time for pairs to lay second clutches. No breeding burrows were again recorded at Quarantine Beach in 2023. Breeding burrows have not been recorded at Quarantine Beach since 2018.</p> <p>The Manly little penguin population has not recovered from extensive losses to the breeding population from the fox incursion in the 2015 pre-breeding season. The continuing low level of the population means there is little buffer against other impacts such as changes in oceanic conditions, which could impact individual breeding seasons or the long-term population.</p> <p>No directions were made by NPWS to implement further monitoring measures during the reporting period.</p> <p>As part of NPWS' discussions with Planning NSW about the non-compliance and official cautions,</p>	Not Triggered

- (c) cessation of outdoor dining in the vicinity of the restaurant in A6 at night during the breeding season (or all year round);
- (d) restrictions on ferry movements, such as a set period either side of sunset or no movements between sunset and sunrise; and
- (e) the provision of alternative public transport to the site during times when ferry movements are restricted.

If further on-going monitoring indicates that the number of active Little Penguin breeding burrows in this area continues to decrease over subsequent breeding seasons, the DEC may direct the co-proponents to implement further measures.

2) The co-proponents shall comply with any directions issued by the DEC in accordance with clause 1. Any measures required to be implemented may be reversed or altered with the approval of the DEC if monitoring indicates that the

NPWS has committed to an additional investment in little penguin protection across Sydney Harbour's habitat locations, including Quarantine Station and Store Beach.

NPWS updated land based AOBV signage for visitors regarding little penguin protection regulations. NPWS is also working with Transport for NSW to update AOBV signage and marker buoys for boat users regarding restrictions in the AOBV.

	<p>number of active Little Penguin breeding burrows for the population has increased over two successive breeding seasons.</p> <p>3) If Little Penguin deaths occur in the vicinity of the site as a result of matters reasonably beyond the control of the co-proponents (such as predator attacks, oil spills, etc), the number of active breeding burrows considered for the purposes of clause 1 may be adjusted in consultation with the DEC to account for such impacts (e.g. to account for the likely impact of predator related deaths on lowering the number of active burrows).</p>			
Trigger 2 – potentially catastrophic events	<p>1) If information becomes available that indicates a significant reduction in the size of the Little Penguin population or a significant change to the behaviour of the population within a period of less than two successive breeding seasons, and the DEC is satisfied that the activity is likely to have contributed to that decline or change, the DEC may direct the co-proponents to</p>	NPWS	<p>No directions were made by NPWS to implement further monitoring measures during the reporting period. NPWS is not satisfied that the long term decrease of the population is fully or partially related the activity.</p>	Not Triggered

implement appropriate measures. These may include, but are not limited to, the measures specified in Trigger 1.

2) The co-proponents shall comply with any directions issued by the DEC under clause 1. Any measures required to be implemented may be reversed or altered with the approval of the DEC.

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## SCHEDULE 9

### **ENVIRONMENTAL MANAGEMENT PLAN (CONDITION 191)**

The EMP shall include the following matters:

- (a) a clear statement of the objectives of the EMP;
- (b) a brief description of the management and the planning framework;
- (c) identification of the statutory and other obligations which the co-proponents must comply with during the undertaking of the activity;
- (d) definition of the roles and responsibilities regarding implementation of the EMP and its various components;
- (e) contact protocols outlining procedures and any notifications to be given before works commence, together with contact details for the relevant project manager;
- (f) induction and training arrangements for contractors and staff;
- (g) community liaison arrangements;
- (h) mapping of key environmental features and proposed environmental safeguards, to include:
  - o topographic features
  - o vegetation cover and threatened species locations/habitat
  - o special items or areas of environmental or heritage sensitivity
  - o suitable locations for construction infrastructure (e.g. machinery and material storage), access ways for vehicles and proposed active work sites
  - o location of sedimentation and erosion controls.

The mapped information should be capable of being incorporated into the GIS system for the site once this is approved and functioning (condition 66).

- (i) specific objectives and strategies for the main environmental management elements. This should, at a minimum, identify what the issue is, compliance and best practice requirements, the action required, who will undertake the action and when. The main elements must include, but are not limited to:
  - o historic heritage
  - o Aboriginal heritage
  - o visitor management, access and traffic
  - o flora and fauna
  - o water quality and hydrological regimes
  - o noise and air quality management
  - o geotechnical issues
  - o erosion and sedimentation
  - o contamination
  - o waste management

- landscaping and rehabilitation
- weed and predator controls
- fire management
- visual issues
- hazards and risks, including measures to ensure public safety during the undertaking of construction and renovation activities (such as temporary fencing)
- energy and resource use and recycling.
- monitoring, inspection and reporting arrangements, including performance criteria, protocols (e.g.: frequency and location) and procedures to follow.

11.3. APPENDIX C – SITE CONDITION PHOTOGRAPHS – ARCHITECTURAL PROJECTS



Site Name / Address:	North Head Quarantine Station and Reserve, Manly		
Photographer	Architectural Projects		
Image File No.	Date	Site	Details
IMG_8471	06/05/2024	Corner A23	Sandstone kerbing damaged
IMG_8472	06/05/2024	P1	L4
IMG_8474	06/05/2024	A23	Shed, L2
IMG_8475	06/05/2024	A2	Blocked drainage
IMG_8476	06/05/2024	A2	Blocked drainage, B5
IMG_8477	06/05/2024	A2	Brick repointing
IMG_8478	06/05/2024	A2	Rusted light fittings
IMG_8479	06/05/2024	A2	Rotted timber door
IMG_8480	06/05/2024	A2	Rotted timber fasci, B14
IMG_8481	06/05/2024	A28	Missing brick, rusting lintel, B7
IMG_8483	06/05/2024	A28	Signage
IMG_8484	06/05/2024	A2	L1, Steps - preferable to remove
IMG_8485	06/05/2024	A2	Signage
IMG_8486	06/05/2024	A2	L1, Steps - preferable to remove
IMG_8487	06/05/2024	A2	Ponding water
IMG_8489	06/05/2024	P1	Stone piers deteriorating
IMG_8490	06/05/2024	P1	Bollards, L1
IMG_8491	06/05/2024	P1	Stone piers deteriorating, B15
IMG_8492	06/05/2024	A28 – P1	L5
IMG_8493	06/05/2024	P1	Gutter joints, B13
IMG_8494	06/05/2024	P1	Rotted timber floorboards, B1
IMG_8495	06/05/2024	P1	Rotted timber floorboards, B1
IMG_8497	06/05/2024		Tiles, B4
IMG_8498	06/05/2024		Tiles, B4
IMG_8499	06/05/2024	P1	Stone wall deteriorating
IMG_8500	06/05/2024	P1	Timber bearer deteriorating, B2
IMG_8501	06/05/2024	Road	Blocked drainage, L2
IMG_8502	06/05/2024	P4	Rotted timber louvres
IMG_8503	06/05/2024		B2
IMG_8504	06/05/2024	P33	Rusted guttering, B13
IMG_8505	06/05/2024	P33	Rusted guttering, B13
IMG_8506	06/05/2024	P33	Rusted guttering, B13
IMG_8509	06/05/2024	P6	Brick repointing
IMG_8510	06/05/2024	P6	Brick repointing, signage
IMG_8511	06/05/2024	P6	Signage
IMG_8512	06/05/2024	P6	Brick pointing
IMG_8513	06/05/2024	Road	L3
IMG_8514	06/05/2024	P10	B1
IMG_8515	06/05/2024	P10	B1, B6
IMG_8516	06/05/2024	P10	Rotted timber weatherboards
IMG_8517	06/05/2024	P5	B11

Image File No.	Date	Site	Details
IMG_8518	06/05/2024	P5	Tiles, B4
IMG_8519	06/05/2024	P5	Rotted timber windows, B12 (putty)
IMG_8520	06/05/2024	P5	Rotted timber windows, B12 (putty)
IMG_8521	06/05/2024	P5	Rotted timber floorboards, B1
IMG_8522	06/05/2024	P9	Weatherboard fireplace, B11
IMG_8523	06/05/2024	P9	Ramp
IMG_8524	06/05/2024	P9	Ramp
IMG_8525	06/05/2024	P9	Ramp
IMG_8526	06/05/2024	P10	B17
IMG_8528	06/05/2024	Road	Drainage, L3
IMG_8529	06/05/2024	Road	Drainage, L3
IMG_8530	06/05/2024	Road	Drainage, L3
IMG_8531	06/05/2024	P10	Rotted timber weatherboards
IMG_8532	06/05/2024	P10	Rotted timber weatherboards
IMG_8533	06/05/2024	P10	Impact damage
IMG_8534	06/05/2024	P10	Rotted timber weatherboards
IMG_8535	06/05/2024	P10	Interior paint finish
IMG_8536	06/05/2024	P10	Rusted light fittings
IMG_8537	06/05/2024	P10	Paint finish
IMG_8538	06/05/2024	P10	Rotted timber verandah framing
IMG_8539	06/05/2024	P10	Damaged timber framing
IMG_8540	06/05/2024	P10	Rusted metal sheet
IMG_8541	06/05/2024	P10	Road, Blocked drainage, water ponding
IMG_8544	06/05/2024	P10	Umbrellas, L1
IMG_8545	06/05/2024	P8	Paths
IMG_8546	06/05/2024	P10	Verandah bracing
IMG_8550	06/05/2024	P10	Rotted timber junction, B8
IMG_8552	06/05/2024	P8	Dislodged timber weatherboards
IMG_8553	06/05/2024	P8	Dislodged timber weatherboards
IMG_8554	06/05/2024	P8	Concrete path edge and steps
IMG_8556	06/05/2024	P8	Paint finish, B17
IMG_8557	06/05/2024	P6	B1
IMG_8558	06/05/2024	P6	Blocked drainage
IMG_8559	06/05/2024	P6	B5
IMG_8561	06/05/2024	Rear P2	Revegetation
IMG_8562	06/05/2024	P10	B1
IMG_8563	06/05/2024	P10	B1
IMG_8564	06/05/2024	P6	Roof tile deterioration finish
IMG_8565	06/05/2024	P1, P2	Road edging and drainage, L5
IMG_8567	06/05/2024	P5	B2
IMG_8568	06/05/2024	P5	Lawn, L5
IMG_8569	06/05/2024	P5	Lawn, L5

Image File No.	Date	Site	Details
IMG_8570	06/05/2024	P5	Stone piers deteriorating
IMG_8571	06/05/2024	P5	B1
IMG_8572	06/05/2024	P5	Deterioration of Block 1
IMG_8573	06/05/2024	P5	B9
IMG_8574	06/05/2024	P5	Damp, Efflorescence of Blocks, B14
IMG_8575	06/05/2024	P5	Damp, Efflorescence of Blocks, B14
IMG_8578	06/05/2024	P5	View, L5
IMG_8579	06/05/2024	P5	View, L5
IMG_8581	06/05/2024	P5	Rotted timber verandah framing
IMG_8582	06/05/2024	P5	Stone piers deteriorating
IMG_8583	06/05/2024	P11, P13	Umbrella picnic, L1
IMG_8584	06/05/2024	P11	Rusting metal finish
IMG_8585	06/05/2024	P12	View, L5
IMG_8586	06/05/2024	P12	B2
IMG_8589	06/05/2024	P12	Rotted timber verandah framing
IMG_8591	06/05/2024	Cairn	General condition, S1
IMG_8593	06/05/2024	Cairn	General condition, S1
IMG_8594	06/05/2024	Cairn	General condition, S1
IMG_8597	06/05/2024	P12	Rusted steel straps
IMG_8598	06/05/2024	P12	B1
IMG_8599	06/05/2024	P12	Corroded metal reinforcement strap
IMG_8600	06/05/2024	P11	Rock outcrops, hydrant
IMG_8601	06/05/2024	P11	Additions to verandah balustrade
IMG_8602	06/05/2024	P11	L5
IMG_8604	06/05/2024	P12	L1
IMG_8605	06/05/2024	P11	Deteriorating timber structure
IMG_8606	06/05/2024	P11	Rotted timber column base, B16
IMG_8607	06/05/2024	P11	Brick repointing
IMG_8608	06/05/2024	P11	Brick repointing
IMG_8609	06/05/2024	P11	Services
IMG_8610	06/05/2024	P11	Cracking of brickwork, B7
IMG_8611	06/05/2024	P11	Brick repointing, B5
IMG_8612	06/05/2024	P11	Services subfloor
IMG_8613	06/05/2024	P11	Termite bait station
IMG_8614	06/05/2024	P11	Brick repointing, clear brick drains
IMG_8615	06/05/2024	P11	Brick repointing, B16
IMG_8616	06/05/2024	P11	B16
IMG_8617	06/05/2024	P11	B16
IMG_8618	06/05/2024	P11	Flashing, B16, B7
IMG_8619	06/05/2024	P13	Services
IMG_8620	06/05/2024	P13	Rotted timber column
IMG_8621	06/05/2024	P13	B12

Image File No.	Date	Site	Details
IMG_8622	06/05/2024	P13	Rotted timber column
IMG_8623	06/05/2024	P11, P13	L1
IMG_8624	06/05/2024	P11	Roof tile repair
IMG_8625	06/05/2024	P11	Roof tile repair, lattice, blind
IMG_8626	06/05/2024	P12, P11	View, L3
IMG_8627	06/05/2024	Road	L1
IMG_8628	06/05/2024	Road	L3
IMG_8630	06/05/2024	Road	L6
IMG_8631	06/05/2024	Road	L6
IMG_8632	06/05/2024	Road	L6
IMG_8633	06/05/2024	H1	
IMG_8634	06/05/2024	H1	
IMG_8636	06/05/2024	Views	
IMG_8637	06/05/2024	Views	
IMG_8638	06/05/2024	H1 (reconstructed)	
IMG_8639	06/05/2024	H1 (reconstructed)	Gutter brackets rusted
IMG_8640	06/05/2024	H1 (reconstructed)	Rotted timber balustrade
IMG_8647	06/05/2024	Near H1	L5
IMG_8649	06/05/2024	H1 (reconstructed)	L5
IMG_8650	06/05/2024	H2 (reconstructed)	Brick repointing
IMG_8652	06/05/2024	H2	B7
IMG_8653	06/05/2024	H2	Trim missing, B12
IMG_8654	06/05/2024	H2	B12
IMG_8655	06/05/2024	H2	B12
IMG_8656	06/05/2024	H2	Framing, B11
IMG_8657	06/05/2024	H Covered walkway	Rusting metal, B11
IMG_8658	06/05/2024	H Covered walkway	Painted roof framing
IMG_8659	06/05/2024	H3	B15
IMG_8660	06/05/2024	H Covered walkway	Paint finish
IMG_8661	06/05/2024	H26	Platform and views
IMG_8662	06/05/2024	H3	
IMG_8663	06/05/2024	H Covered walkway	Gutter brackets
IMG_8664	06/05/2024	H5	Guttering
IMG_8665	06/05/2024		B15
IMG_8666	06/05/2024		Gutter brackets rusting
IMG_8667	06/05/2024	View from H Precinct	L5
IMG_8669	06/05/2024	H4	Gutter detached
IMG_8670	06/05/2024	H4	Rust, paint
IMG_8672	06/05/2024	H4	Rusted guttering, painted eaves
IMG_8673	06/05/2024	H4	Downpipe, B14
IMG_8674	06/05/2024	H4-5	View, B11
IMG_8675	06/05/2024	H7-11	Road edge

Image File No.	Date	Site	Details
IMG_8676	06/05/2024	H7-11	Painted bargeboards, guttering
IMG_8677	06/05/2024	H7-11	L3
IMG_8678	06/05/2024	H7-11	L4
IMG_8679	06/05/2024	H15	L2
IMG_8680	06/05/2024	H7-11	
IMG_8681	06/05/2024	H15	Deteriorating timber
IMG_8682	06/05/2024		L6
IMG_8683	06/05/2024		Drainage
IMG_8684	06/05/2024	H15	Drainage
IMG_8685	06/05/2024	H15	
IMG_8686	06/05/2024	Isolation Precinct	Views
IMG_8687	06/05/2024	Isolation Precinct	Signage faded, L6-7
IMG_8688	06/05/2024	Isolation Precinct	Road edge
IMG_8690	06/05/2024		Views to Third Class Precinct
IMG_8691	06/05/2024	S9, P23, P28	L3
IMG_8692	06/05/2024	S9	B1, B2, B14, Rusting metal straps and corrugated sheet
IMG_8693	06/05/2024	S9	B1, B2
IMG_8694	06/05/2024	S9	B1, B2
IMG_8695	06/05/2024	S9	B1, B2
IMG_8696	06/05/2024	S9	Headstones on verandah
IMG_8697	06/05/2024	S9	Rotting timber verandah framing
IMG_8698	06/05/2024	S9	Rotting timber verandah framing
IMG_8699	06/05/2024	S9	B5
IMG_8700	06/05/2024	S9	Stone/brick steps, concrete cracked, brick collapsed, stormwater discharge uncontrolled
IMG_8701	06/05/2024	S9	Rotted timber sill, B12
IMG_8702	06/05/2024	P21-23, P27	
IMG_8703	06/05/2024	P23	Good condition
IMG_8704	06/05/2024		View to Manly, L5
IMG_8706	06/05/2024	S9	Road, L3
IMG_8707	06/05/2024	P28	Brick pointing, B17
IMG_8708	06/05/2024		View, L5
IMG_8709	06/05/2024	P28	Roof tiling
IMG_8710	06/05/2024	P23	Balustrade
IMG_8711	06/05/2024	P27	Dead palm tree outside P27
IMG_8712	06/05/2024	P27	Roof/gutter damage
IMG_8713	06/05/2024	Road at P27	L3
IMG_8714	06/05/2024	P27	Good condition.
IMG_8715	06/05/2024	P27	Good condition.
IMG_8716	06/05/2024	P27	Good condition.

Image File No.	Date	Site	Details
IMG_8717	06/05/2024	P27	View, L5
IMG_8718	06/05/2024	Inscriptions	Cracked, displaced
IMG_8719	06/05/2024	Inscriptions	Water run off
IMG_8720	06/05/2024	A12	B14
IMG_8721	06/05/2024		Retaining wall, L4, B17
IMG_8722	06/05/2024	A7/8	Rusting metal sheet, rotting timber doors, painting required
IMG_8723	06/05/2024	A7/8	Rusting metal sheet, rotting timber doors, painting required
IMG_8724	06/05/2024	Rail lines in bitumen	Remove vegetation/debris around tracks
IMG_8725	06/05/2024	Inscription	Water run off
IMG_8726	06/05/2024	A14-17	
IMG_8727	06/05/2024	A14-17	Brick pointing
IMG_8728	06/05/2024	Jetty, Waterfront	Bitumen cracked, concrete edge in poor condition
IMG_8729	06/05/2024	Jetty	Poor structural condition
IMG_8730	06/05/2024	Jetty	Decking non-trafficable, L1
IMG_8731	06/05/2024	Jetty	Decking non-trafficable, L1
IMG_8732	06/05/2024	Jetty	Decking non-trafficable, L1
IMG_8733	06/05/2024	Jetty	Decking non-trafficable, L1
IMG_8734	06/05/2024	Concrete sea wall	Fair condition, bitumen extends over in part
IMG_8735	06/05/2024	A14-17	Gutter, capping missing
IMG_8736	06/05/2024	A14-17	B13-14
IMG_8737	06/05/2024	A14-17	Painted eaves, bargeboards, some brick pointing
IMG_8738	06/05/2024	A14-17	Timber splitting, ventilator, painting of bargeboards required, rusted metal
IMG_8739	06/05/2024	A14-17	Pointing around sandstone lintel, paint to timber wall plate, joists, brick pointing
IMG_8740	06/05/2024	A14-17	Brick pointing
IMG_8743	06/05/2024	A14-17	Interior painting, damp evident, ponding of water around building
IMG_8744	06/05/2024	A14-17	Damp concrete floor and turntable
IMG_8745	06/05/2024	Inscriptions	Water leaching through rock, clear Moreton Bay Fig, rock and other vegetation
IMG_8746	06/05/2024	Autoclave, A7	Brick cracking
IMG_8749	06/05/2024	A6-7	Painting of external timber required, minor repointing
IMG_8750	06/05/2024	A7	B11 (bargeboards), B13
IMG_8751	06/05/2024	A7	B11 (bargeboards), B13
IMG_8752	06/05/2024		Repointing
IMG_8753	06/05/2024	Rails	Clear debris form around rails

2006 | Q STATION, MANLY

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Image File No.	Date	Site	Details
IMG_8754	06/05/2024	Funicular	
IMG_8755	06/05/2024		Araucaria
IMG_8756	06/05/2024	A11	B13, B4
IMG_8757	06/05/2024	A11	B13, B4
IMG_8758	06/05/2024	Road	Surface finish
IMG_8759	06/05/2024	A11	B7
IMG_8760	06/05/2024	A11	Drainage around building
IMG_8761	06/05/2024	A12	
IMG_8762	06/05/2024	A12	B7, B17, B11
IMG_8763	06/05/2024	A9	L3, Roof monitor, capping rusted, bargeboards require painting



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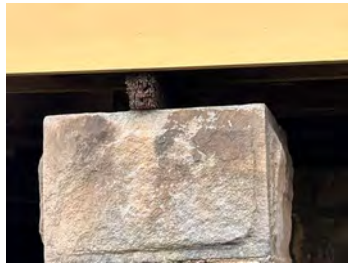
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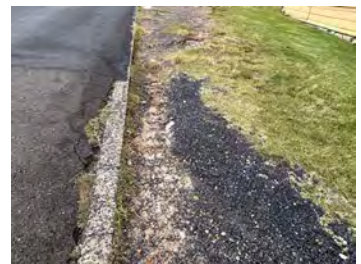
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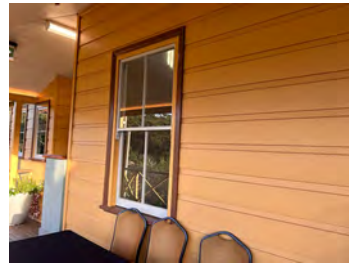
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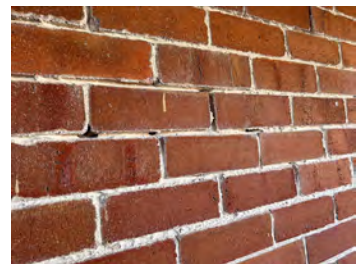
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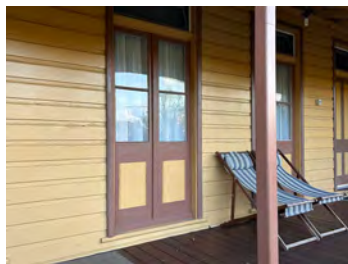
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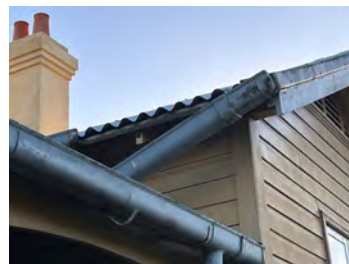
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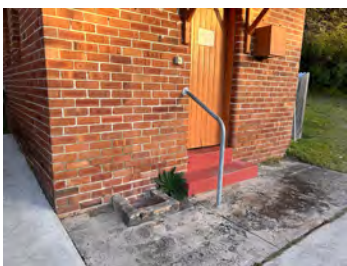
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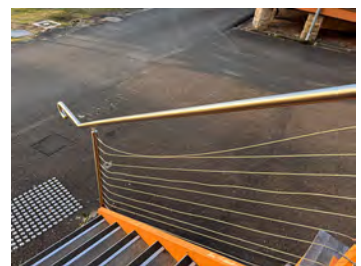
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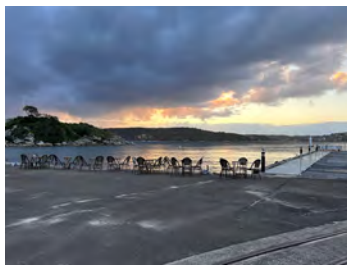
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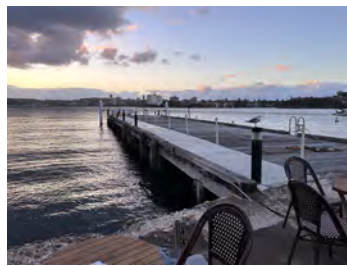
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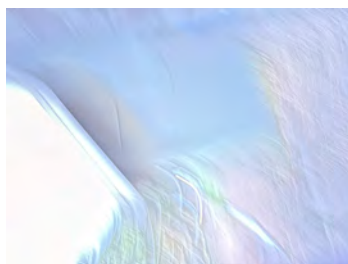
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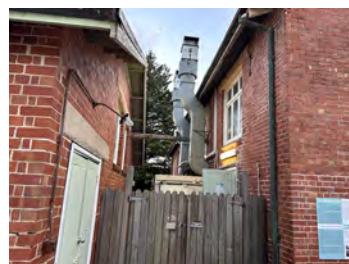
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11.4. APPENDIX D – SCHEDULE OF UPDATES OF REPORTS RELATING TO THE APPROVAL

#### 4.6.2024 Q Station site wide plans -Helen Drew

HO- Heritage Office

HA- Heritage Advisor

QSCCC- Quarantine Station Community Consultative Committee

Name of Plan	CoPA	First Document	Copy given to Keylan	2023 review led by	2023 Appendix	Table 16 Post Consent roles Clause 243 Determination Report- for Document review	4.6.24 comment
Aboriginal Heritage Mgmt	70-76	2008 AHO produced	✗	ERM/NPWS	<b>Appendix 3</b>	Consult QSCCC & Aboriginal Community Consult HO & NPWS endorse	<b>QSCCC Agenda 9.8.23</b> <b>Dec 23 HO comments -NPWS wish to have HA review</b>
Moveable Heritage Collection Plan	77-84	Feb 2007 Approved Heritage NSW 10.8.2007	✓	ERM/NPWS	<b>Appendix 8</b>	HO & NPWS endorsement	<b>Dec 23 HC comments- NPWS wish to have HA review</b> <b>Table 16 of 243 Determination requires submission to HO for endorsement</b>
Heritage Landscape Mgmt Plan	90-94	May 2006 Approved NPWS & Heritage NSW15.9.2006	✓	No REVIEW completed		HO & NPWS endorsement	<b>No review completed</b> <b>Table 16 of 243 Determination requires submission to HO for endorsement</b>
Landscape Mgmt Plan			✗	Created by NHS, but content also needs to address heritage landscape elements			X
Inscriptions Mgmt plan	95-98	Part of HLMP Approved as above	✓	NHS	<b>Appendix 5</b> <b>3.11.23</b>	HO & NPWS endorsement	<b>NPWS 'high level comments' received 26.10.23</b> <b>HD has updated re HO comments. Repainting policy is now completed from ICS and could be included prior to review.</b> <b>Table 16 of 243 Determination requires submission to HC for endorsement</b>
Internal fit out plan Part 1	99	Final Draft Nov 2005 Approved Heritage NSW 13.12.2005 and NPWS 25.1.2006	✓	NHS	<b>Appendix 4</b> <b>No date</b>	No CoPA requiring a review of document.	<b>NPWS 'high level comments' received 26.10.23</b> <b>7.2.24 Commentary from Planning and Dec 23 HC comments</b>



						New document required HA review and HO and NPWS endorsement	
Interpretation Plan	100-103	Final Draft Feb 2005 Approved NPWS13.7.2005 and NSW Heritage 8.10.2005	✓	ERM/NPWS	Appendix 7	Consult QSCCC Consult HO and endorsement NPWS	QSCCC Agenda 9.8.23 HD comments from Nov 23 not yet added HC want HA to review. Many other changes requested by HC so should this be amended prior to HA review.? NPWS want to get ERM to update after HC, HA comments are collated.
Infrastructure Control Plan	104- -110	5 <sup>th</sup> Draft Feb 2008. Approved by NPWS 5.11.2008	✓	ERM/NPWS	Appendix 6	Consult QSCCC Endorsement by NPWS only Consult relevant agencies	QSCCC Agenda 9.8.23 NPWS have provided initial comments to HC review but need NHS input. Want to get ERM to update after HC, HA comments are collated.
Asbestos Sampling and Replacement Strategy	111	Final draft Oct 2005 No Approval noted	✗	ERM/NPWS	Appendix 14	Review of document is not specified in CoPA	7.2.24 Commentary from Planning
Outdoor visitor Infrastructure Plan	112-115	Part of Infrastructure Control Plan	✓	NHS	Appendix 18	As part of ICP Endorsement by NPWS only	NPWS 'high level comments' received 26.10.23 Dec 23 HC comments 7.2.24 Commentary from Planning
Security plan	116-117	Part of Visitor Management Plan	✓	NHS	Appendix 16 15.6.23	Endorsement by NPWS only Consult Police	NPWS 'high level comments' received 26.10.23 7.2.24 Commentary from Planning
Access Strategy	118- -119	Part of Visitor Management Plan	✓	NHS	Appendix 10 23.11.23	Consult QSCCC, manly Council and Transport NSW Consult HO and endorsement by NPWS and Planning	NPWS 'high level comments' received 6.11.23 Dec 23 HC comments 7.2.24 Commentary from Planning Table 16 of 243 Determination requires submission to HC for endorsement
Site Travel and Access Plan 2018 (different to above 😊)	121	Approved 2018	✓	Completed by GTA Consultants Then approved			

Visitor Management Plan		March 2005 Approved by NPWS 13.7.2005 and Dept Planning 10.8.2005	✓			See Access Strategy, Security Plan and Emergency Evacuation Plans	
Predator and Pest Control Plan	188-190	Approved 15.11.2008	✓	ERM/NPWS	<b>Appendix 9</b>	QSCCC consult Endorsement by NPWS only	<b>7.2.24 Commentary from Planning</b>
Environmental Management Plan (EMP)	191-195	2005 Approved	✓	ERM/NPWS This is the overarching document which anchors the appendices	<b>Body document</b>	QSCCC consult Environmental Manager review, consult and endorse NPWS and endorse by Planning	<b>QSCCC Agenda 9.8.23</b>
Erosion and Sedimentation	196 - 198	4 <sup>th</sup> draft May 2005 No approval noted	✗	ERM/NPWS	<b>Appendix 11</b>	CoPA specifies part of EMP therefore QSCCC consult Environmental Manager review, consult and endorse NPWS and endorse by Planning	<b>QSCCC Agenda 9.8.23</b> <b>7.2.24 Commentary from Planning</b>
Noise	199-202	5 <sup>th</sup> Draft May 2005. No approval noted	✗	NHS	<b>Appendix 12</b> <b>12.12.23</b>	CoPA specifies part of EMP therefore QSCCC consult Environmental Manager review, consult and endorse NPWS and endorse by Planning	<b>QSCCC Agenda 9.8.23</b> <b>NPWS 'high level comments' received 6.11.23</b> <b>22.5.24 more comments back from NPWS</b>
Waste	201-204	4 <sup>th</sup> draft May 2005 No approval noted	✗	NHS	<b>Appendix 13</b> <b>17.11.23</b>	CoPA specifies part of EMP therefore QSCCC consult Environmental Manager review, consult and endorse NPWS and endorse by Planning	<b>QSCCC Agenda 9.8.23</b> <b>NPWS 'high level comments' received 6.11.23</b>
Emergency and evacuation Plan	205-208	Part of Visitor Management Plan	✓	NHS	<b>Appendix 17</b> <b>29.01.24</b>	Consult QSCCC, Police, Ambulance, Fire Endorse by NPWS only	<b>QSCCC Agenda 9.8.23</b> <b>RFS review and NPWS review completed. Document with Credwell for update</b>

Monitoring and auditing program	216-220	IMAMS Final Draft Dec 2006 Approved NPWS 29.03.2007	✓	NHS	<b>Not Currently listed as Appendix of EMP</b>	Consult QSCCC Endorse by NPWS and Planning	<b>QSCCC Agenda 8.11.23 Dec 23 HO comments</b>
Conservation Works program part 1		Final draft June 2006 Approved NPWS 12.5.2006 and Heritage NSW 1.6.2006	✓	Paul Davies completing review of DACMP- draft expected April2024			