



**NGH**

# Independent Audit

## Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre

February 2023

Project Number: 22-286



## Document verification

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## Executive summary

The Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre will be incorporated into the Randwick Health & Innovation Precinct. The Project was approved as a State Significant Development (SSD-10831778) and the Conditions of Consent were issued by the Minister of Planning on 17 December 2021. The approved Project includes the construction and operation of a new children's hospital and cancer centre, and the following:

- Construction and operation of a new nine storey hospital, including two levels of basement building, plus upper plant room to provide:
  - A new children's emergency department and emergency short-stay unit, accessible from Botany Street with direct links to new and existing services
  - A new children's intensive care unit
  - New inpatient units for medical and surgical specialties
  - A new medical short-stay unit
  - A new pharmacy and pathology collection
  - Australia's first Minderoo Children's Comprehensive Cancer Centre including:
    - State-of-the-art technologically advanced wet and dry laboratory spaces
    - Education, training and research spaces
    - New oncology inpatient units, and patient and family focused retreat areas
    - A new day oncology unit
  - New front of house and retail facilities
  - Building identification signage zones.
- New High Street visitor drop off
- Integration via pedestrian skybridges with the Acute Services Building (approved under SSD-10339 and SSD-9113), currently under construction and with the proposed Health Translation Hub (HTH, SSD-10822510)
- Basement Ambulance access, loading dock, back of house and logistics services via Hospital Road
- Public domain and associated landscaping, including tree removal
- Associated site preparation, civil works and utilities services.

John Holland Group have been contracted to construct the Project on behalf of Health Infrastructure (HI).

An audit was undertaken to test compliance with the Conditions of Consent. The works were in the early stages of construction. Construction commenced on the 22 August 2022. This is the first independent audit of the project.

The audit period for this first audit is from 21 September 2022 (commencement of construction) to the issuing of this audit report on the 2 February 2023.

The document review found that the Construction Environmental Management Plan and sub plans are relevant to the site and are being implemented. The site visit and site interviews found that the site was well managed, and staff understood their obligations in relation to Conditions of Consent.

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In summary the audit found four non-compliances out of a total of 194 Conditions of Consent.

# 1. Introduction

## 1.1 Background

The Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre (the Project) will be incorporated into the Randwick Health & Innovation Precinct (RHIP). The Project will aid in strengthening the RHIP to become a world-class centre for health, research, and education-based, compassionate and holistic healthcare and wellness programs. These services will be accessed by the local community and residents of NSW.

The Project was approved as a State Significant Development (SSD-10831778) and the Conditions of Consent (CoC) were issued by the Minister of Planning on 17 December 2021. A consolidated CoC has been issued following the determination of Modification 1 (Mod 1) on 30 November 2022. Mod 1 addressed Emergency Department Expansion, Solar Panels and Roof Design.

The approved Project includes the construction and operation of a new children's hospital and cancer centre, and the following:

- Construction and operation of a new nine storey hospital, including two levels of basement building, plus upper plant room to provide:
  - A new children's emergency department and emergency short-stay unit, accessible from Botany Street with direct links to new and existing services
  - A new children's intensive care unit
  - New inpatient units for medical and surgical specialties
  - A new medical short-stay unit
  - A new pharmacy and pathology collection
  - Australia's first Minderoo Children's Comprehensive Cancer Centre including:
    - State-of-the-art technologically advanced wet and dry laboratory spaces
    - Education, training and research spaces
    - New oncology inpatient units, and patient and family focused retreat areas
    - A new day oncology unit
  - New front of house and retail facilities
  - Building identification signage zones.
- New High Street visitor drop off
- Integration via pedestrian skybridges with the Acute Services Building (approved under SSD-10339 and SSD-9113), currently under construction and with the proposed Health Translation Hub (HTH, SSD-10822510)
- Basement Ambulance access, loading dock, back of house and logistics services via Hospital Road
- Public domain and associated landscaping, including tree removal
- Associated site preparation, civil works and utilities services.

John Holland Group have been contracted to construct the Project on behalf of Health Infrastructure (HI).

## **1.2 Audit team**

The audit was undertaken by Natascha Arens, Exemplar Global Certified Lead Environmental Auditor, and Nicola Smith, Audit Assistant. Natascha has around 30 years' experience as an environmental professional and 20 years of auditing experience. Nicola has over 10 years' experience as an environmental professional.

Natascha's and Nicola's Curricula Vitae (CVs) are provided as Appendix A.

## **1.3 Objectives**

The objective of this Independent Audit is to assess compliance with the conditions of consent, the implementation of environmental management plans and provide a summary of actual versus predicted impacts during the construction stage.

### **1.3.1 Audit scope and period**

The scope of the audit will include:

- An assessment of compliance of all the CoC relevant to the works at the time of the audit (as detailed in Appendix B)
- An assessment of the adequacy and implementation of the site environmental management plans including:
  - B15- Construction Environmental Management Plan (CEMP)
  - B17 – Construction Traffic and Pedestrian Management Plan (CTPMP)
  - B18 - Construction Noise and Vibration Management Plan (CNVMP)
  - B19- Construction Waste Management Plan (CWMP)
  - B20 - Construction Soil and Water Management Plan (CSWMP)
  - B21 – Aboriginal Heritage Management Plan (AHMP)
  - B22 - Flood Emergency Response Plan (FERP).
- An assessment of performance of the Project in relation to implementation of environmental plans.

The audit period for this first audit is from 21 September 2022 (construction commencement) to the issuing of this audit report on the 2 February 2023.

## **2. Audit methodology**

### **2.1 Selection of the audit team**

Health Infrastructure nominated Natascha Arens as the Independent Auditor and Nicola Smith as the Audit Assistant for this project and provided their CVs and independence declarations to the Department Planning and Environment (the DPE). Natascha was approved by the DPE as the Independent auditor, and Nicola as the Audit Assistant, on the 24 August 2022.

### **2.2 Independent Audit scope development**

The audit scope was developed by reviewing the SSD-10831778 consolidated CoC and the Independent Audit Post Approval Requirements (2020).

The audit comprised of offsite document review; site inspection and onsite document review; and offsite audit analysis and reporting.

An Audit Plan with audit table was provided to the auditee prior to the site audit detailing the timing of the audit and requirements regarding accessing the site and documentation.

### **2.3 Compliance evaluation**

The audit consisted of offsite document review, onsite document review, site inspection and interviews. Offsite document review was undertaken prior to the site component of the audit with further request for information following the site inspection. The site component of the audit included:

- Opening meeting to introduce all parties and discuss the scope and objectives of the audit
- Site inspection
- Document and records review to check compliance with conditions
- Interviews with staff including construction site personnel
- Closing meeting to summarise the findings of the site audit and to discuss additional audit evidence required.

The document review included a review of the Conditions of Consent relevant to the stage of works of the Project and all environmental management plans and sub plans. The audit table was refined and amended to include the consolidated CoC following 30 November 2022 (Appendix B).

An opening meeting was held on 13 December 2022 at 9.30am.

Present at the opening meeting were:

- Tanel Schneider (JHG Safety Advisor)
- Karla Price (JHG Safety Advisor).

Ben Johnston (JHG Site Engineer) was not present at the opening meeting. However, Ben joined the group for the staff interviews.

Document review occurred throughout the day and offsite over the course of the next 15 working days.

## 2.4 Site interviews

Interviews with staff were undertaken throughout the course of the site audit and the following 15 business days to gather evidence during offsite document review including:

- Tanel Schneider (JHG Safety Advisor)
- Karla Price (JHG Safety Advisor)
- Ben Johnston (JHG Site Engineer).

## 2.5 Site inspection

A site inspection was undertaken at 10.00am on the 13 December 2022. The inspection viewed the entire site including exit and entry points, emergency assembly areas and nurse call stations, site sheds and storage areas, active areas of the construction site, notice boards and spill response kits.

Photos of the inspection are provided in Appendix C and presented in the audit findings below.

## 2.6 Consultation

Consultation was undertaken with all levels of the project team including those listed in Section 2.3.

An email was sent to NSW DPE, Randwick City Council and TfSNW regarding the audit scope. A copy of the correspondence is provided in Appendix D.

## 2.7 Compliance status descriptors

It should be noted that the CoC for the Project do not reference the Independent Audit Post Approval Requirements (DPIE 2020). However, the compliance status descriptors from DPIE (2020) have been used to assess compliance, refer Table 2-1.

Table 2-1 Compliance status descriptors

Status	Description
Compliant (C)	The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.
Non-compliant (NC)	The auditor has determined that one or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.
Not triggered (NT)	A requirement has an activation or timing trigger that has not been met at the time when the audit is undertaken, therefore an assessment of compliance is not relevant.

## **3. Audit findings**

### **3.1 Approval and documents list**

The following documents were reviewed to check compliance with conditions or for the implementation of plans.

#### **Design plans and approval documentation**

- Environmental Impact Statement Sydney Children's Hospital Stage 1 and Children's Comprehensive Cancer Centre (SCH1/CCCC) SSD-10831778 (Urbis 2021)
- SSD-10831778 Conditions of Consent

#### **Correspondence**

- Consultation with Transport for NSW (TfNSW) and JHG dated 18 July 2022
- Consultation with Randwick City Council dated 19 August 2022
- Consultation with TfNSW Light Rail Interface Manager dated 11 August 2022
- DPE letter to HI dated 1 August 2022 regarding conditions A9 and A10 of the Staging Report
- TfNSW approval dated 20 October 2022 for below-ground work
- Email of Approval Conditions for Installation of Anchors from TfNSW, 14 October 2022 design drawing no. SCH-ST-DG-31-FF102
- Planning Department Post-Approval Planning Portal receipt for construction commencement letter sighted, dated 14 September 2022
- Stage 1 commencement of construction outlined in Staging Report, submitted to the Planning Department on 1 August 2022
- AusGrid Design Offer made on 30 March 2021 sighted
- NBN Master Developer Agreement sighted (no date)
- AARNET email and map for relocation of services email dated 12 November 2020 sighted
- Council approval section 94 Local Govt Act 21 October 2022
- Pre-construction Dilapidation Report to asset owner - Email evidence dated 18 July 2022 TFNSW and email evidence dated 19 August 2022 Randwick Council
- Consultation with TfNSW Light Rail Interface Manager sighted 11 August 2022 for dilapidation survey
- Email to residents regarding survey notification dated 1 September 2022
- DPE acknowledgement letter for the Construction Worker Transportation Strategy 16 September 2022
- DPE acknowledgment letter for CEMP and AHMP 8 September 2022
- Council consulted for the CSWMP; email dated 29 August 2022
- TfNSW consultation letter for condition B40-45, B47 and B48 dated 20 October 2022
- Transdev letter and agreement regarding condition B40 dated 23 September 2022.

#### **Reports and plans**

- Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre SCH1 / MCCCC -Staging Report-SSD-10831778 Rev C (JHG 2022)

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- Construction Worker Transportation Strategy (ARUP 2022)
- Construction Environmental Management Plan Rev 05 27 October 2022
- Aboriginal Heritage Management Plan (MDCA 2022)
- Construction Traffic and Pedestrian Management Plan (ARUP August 2022)
- Construction Noise and Vibration Management Plan (PWNA September 2022)
- Construction Waste Management Plan (JHG September 2022)
- Construction Soil and Water Management Plan (JHG August 2022)
- Flood Emergency Response Plan (BMT September 2022)
- Meinhardt Bonacci Pre-Construction Dilapidation Report Rev 2 13 July 2022
- Engineering Electrolysis Risk report date 12 November 2021
- 2022 vibration monitoring report put together by JHG with the data from AMA Monitoring Services
- Douglas Partners report (December 2022)
- Noise and Vibration Monitoring Assessment Report (AMA November 2022).

**Design certification, records, monitoring and inspections**

- Steensen Varming Statement of Compliance to ESD SSDA Conditions 22 July 2022
- Meinhardt Bonacci Structural Design Statement 4 October 2022
- JHG Subcontractor Pack
- CC1 issued 21 October 2022
- CC2 issued 7 November 2022
- Arup Design Intent Statement 14 July 2022
- Billiard Leece Partnership Certificate of Architectural Design 22 July 2022
- COC Construction insurance risk policy No SIC22060116
- Onsite Damastra records: Komatsu 29T Excavator, documents available for the excavator include a plant risk assessment, service record, Operators Manual. Last service date 27/09/2022. Next due is 2750 hours
- JHG Induction material Rev 4
- 30 November 2022 Toolbox records, site notice board
- 1 December 2022 daily brief record and sign on sheet
- Evidence sighted includes - Inspection date 24 November 2022 for Environmental checklist, Asbestos inspection carried out 9 December 2022 (unexpected finds)
- Continuous data from in-situ noise logger sighted. AMA monitoring services provide a monthly report (October sighted). Exceedances are issued via text messages
- Driver Code of Conduct
- Email Douglas Partners 23 September 2022. Eurofins material analysis certificates June 2022, sighted.
- Boral test report dated 13 September 2022
- Material tracking register sighted and up to date including records for Sept-November 2022
- Discharged on-site stormwater with a water discharge permit 25 October 2022 to 26 October 2022
- Section 94 Local Govt Act blanket approval 21 October 2022 to 8 August 2023
- Bingo industries monthly waste report October and November 2022

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- Douglas Partners inspection notes 15 July 2022, 10 October 2022, 15 November 2022, 25 November 2022. Douglas partners have been supervising works as required as the geotechnical consultant for the site
- Environmental Monitoring Summary –Sept - Oct 2022 (JHG)
- Environmental Monitoring Summary –Nov 2022 (JHG).

### 3.2 Compliance performance

In summary, the audit found four (4) non-compliances out of a total of 194 Conditions of Consent, refer to Table 3-1. It is noted that JHG provided the incident report in the seven (7) day period. However, it was not provided to DPE within the seven (7) day period.

Table 3-1 Compliance performance

Condition part	Compliances	Non-compliances	Not triggered
A	19	2	20
B	37	-	12
C	37	2	13
D	-	-	37
E	-	-	14

Note: In relation to the tally above whole conditions of consent have been used to generate the tally. i.e., where a condition contains part a), b), c) etc this has been counted as one condition.

### 3.3 Summary of agency notices, orders, penalty notices or prosecutions

There have been no agency notices, orders, penalty notices or prosecutions to date.

### 3.4 Non compliances

Four non-compliances were raised in this audit, refer to Table 3-2.

Table 3-2 Non-compliances

CoC #	Requirement	Audit finding
A2	The development may only be carried out: (a) in compliance with the conditions of this consent; (b) in accordance with all written directions of the Planning Secretary;	The audit found that compliance with the majority of conditions. However, the audit results do note three non-conformances.

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CoC #	Requirement	Audit finding
	(c) generally in accordance with the EIS and Response to Submissions; and (d) generally in accordance with the Section 4.55(1A) application to amend SSD-10831778 Sydney Children’s Hospital Stage 1 and Minderoo Children’s Comprehensive Cancer Centre and accompanying documents prepared by Urbis dated 28 October 2022	
A26	The Planning Secretary must be notified through the major projects portal within seven days after the Applicant becomes aware of any non-compliance. The Certifier must also notify the Planning Secretary through the major projects portal within seven days after they identify any non-compliance.	Prior to this audit there have been no identified non-conformances. It is noted that there has been a non-conformance with the approved hours for rock breaking as identified under C6. The non-conformance occurred on the 29 November 2022. The audit did not find evidence that the Planning Secretary had been notified in the seven (7) day period.  It is noted that JHG provided the incident report in the seven (7) day period. However, it was not provided to DPE within the seven (7) day period.
C6	(a) 9am to 12pm, Monday to Friday (b) 2pm to 5pm Monday to Friday	A complaint was made regarding activities occurring outside of approved hours. An investigation occurred and found that a civil contractor on site undertook rock breaking works outside of the approved hours on the 29/11/2022. The contractor has been issued with a non-conformance notice.
C7	The Applicant must carry out the construction of the development in accordance with the most recent version of the CEMP, CTPMP, CNVMP, CWMP, CSWMP, AHMP and FERP.	The audit found that the Plans are being broadly implemented. However, the Soil and Water Management Plan requires weekly inspections and inspections after rain to occur. Though these may have occurred they are not all documented. Therefore, the auditor is unable to confirm compliance with this requirement in the Plan. The audit noted that there were no documented weekly inspections from September to the end of October.

### 3.5 Previous audit recommendations

This is the first audit of the Project.

### 3.6 Environmental plans, sub plans and post approval documents

A summary of the implementation of key environmental management plans relevant to this stage of works is provided below.

All plans required by the CoC are discussed in the audit table (Appendix B) of this report. The suite of environmental management plans includes:

- B15 – Construction Environmental Management Plan (CEMP)

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- B17 – Construction Traffic and Pedestrian Management Plan (CTPMP)
- B18 – Construction Noise and Vibration Management Plan (CNVMP)
- B19 – Construction Waste Management Plan (CWMP)
- B20 – Construction Soil and Water Management Plan (CSWMP)
- B21 – Aboriginal Heritage Management Plan (AHMP)
- B22 – Flood Emergency Response Plan (FERP).

### **3.6.1 Construction Environmental Management Plan (CEMP) B15**

A review of the CEMP found that it is compliant with the requirements of the condition. The CEMP includes a series of sub plans. The CEMP is underpinned by the following plans:

- Construction Traffic and Pedestrian Management Plan (CTPMP)
- Construction Noise and Vibration Management Plan (CNVMP)
- Construction Waste Management Plan (CWMP)
- Construction Soil and Water Management Plan (CSWMP)
- Aboriginal Heritage Management Plan (AHMP)
- Construction Flood Emergency Plan (FERP).

The audit found that the requirements of the CEMP are broadly being implemented with regular inspections. The following inspections have taken place:

- Douglas Partners inspection notes for Geotech of piling and excavation works (C45) sighted for 15 July 2022, 10 October 2022, 15 November 2022, 25 November 2022
- Environmental checklist inspection sighted 24 November 2022
- All construction plant and equipment are inspected and the details managed in DAMASTRA to inform of next service dates, risk assessment etc. Evidence sighted of Komatsu 29T Excavator and Citylink Zoomlion ZR135 piling Rig
- Asbestos inspection carried out on 9 December 2022

Interviews with staff indicate that informal inspections are being undertaken at least weekly, however these are not being documented. It is noted that the SWMP requires weekly and post rainfall inspections. The audit did not find any documented evidence that weekly/post rain inspections are occurring.

### **3.6.2 Construction Traffic and Pedestrian Management Plan (CTPMP) B17**

A CTPMP has been prepared that meets the requirements of B17. The audit specifically found that:

- Signage was on site
- Traffic control was implemented
- Construction vehicle parking was provided within the site
- There is one construction site access is from Botany Street
- The site was secured with fencing and hoarding preventing unauthorised access.

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### **3.6.3 Construction Noise and Vibration Management Plan (CNVMP) B18**

The Pulse White Noise Acoustics CNVMP notes that the Noise Management Levels (NMLs) may be exceeded at some receivers based on worst case scenario.

The CNVMP suggests that the greatest noise impact will be at the residences immediately to the north of the site, who are known as Receiver 1 – Blenheim Street Receivers. Noise levels will generally exceed the NML and could have the potential to be above the Highly Noise Affected Level (HNAL). Receivers 2 – 4 are residential areas to the south, southwest and northwest. NMLs at these receivers have the potential to be exceeded but remain below the HNAL. Therefore, “reasonable and feasible” mitigation should be applied in accordance with the site-specific noise mitigation measures and the general mitigation measures (AS 2436-2010) as outlined in the CNVMP for affected residential Receivers 1 to 4.

The CNVMP recommends that unattended noise monitoring is conducted at Receiver 1 – Blenheim Street Receivers. Continuous data from in-situ noise logger was sighted during the audit. AMA monitoring services provide a monthly report (October 2022 sighted). Exceedances are issued via text messages.

The audit reviewed the process in response to a complaint from a resident on the 26 November 2022. Handheld monitoring was conducted from Monday 28 November 2022 to Friday 2 December 2022 of the following week. The response to the complainant was Monday 28 November 2022 following the week worth of noise monitoring. Implementation of mitigation measures to reduce the exceedances, including the noise blankets (refer to photographic evidence Appendix C) and the movement of a rig away from Receiver 1- Blenheim Street receivers.

The CoC (C6) require that respite periods are implemented for noisy works, including rock breaking, rock hammering, sheet piling and pile driving. The audit noted that the respite periods are mainly being implemented and are discussed in toolboxes and daily briefings and noted on the site board. The audit did note that there has been at least one non-conformance with C6, respite periods as evidenced by the complaint on the 29/11/2022. Accordingly, this audit report has noted a non-compliance against condition C6. The contractor was issued with a non-conformance notice.

Slide 43 of the site induction details respite periods. The CoC (C49) requires mitigation of all noise and vibration during construction to the extent possible. Vibration monitoring results must be provided to the Sydney Light Rail Operator at intervals requested by TfNSW. Vibration monitoring is continuous with permanent logger stations on site. Exceedances have occurred on site on the 11, 26, 27 and 28 October 2022. All exceedances were noted in the monitoring report as being attributed to movement associated with hoarding material (i.e., the logger was knocked) and not due to vibratory works. No exceedances have been recorded for November 2022.

All other requirements of the Plan including adherence to working hours, consultation with stakeholders were found to be generally compliant.

### **3.6.4 Construction Waste Management Plan (CWMP) B19**

During the audit site visit it was observed that waste was being separated and appropriate waste receptacles were available onsite (C27), provided by the waste contractor Bingo Industries (refer to photographic evidence Appendix C).

In accordance with C28, records show that waste is being classified - Douglas Partners stockpile classification report and Bingo Industries monthly waste report for October and November 2022. Concrete waste is being disposed offsite as evidenced by the Bingo Industries waste report and

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the site visit (C29). Bingo Industries' monthly report also details the requirements of C30 – quantities of each waste type.

There have been unexpected finds of asbestos in two fill stockpiles with Stage 2 of the Randwick Campus Redevelopment (RCR). Douglas Partners Pty Ltd was commissioned by JHG to undertake a waste classification assessment of two stockpiles of fill within Stage 2 at Randwick Campus Redevelopment (RCR) following the observation of potential asbestos fragments within the stockpiles (at the source). The waste classification was conducted with reference to the Waste Classification Guidelines, Part 1: Classifying Waste (NSW EPA, 2014). The material was classified as General Soil Waste (non-putrescible)-Special Waste Asbestos and has been removed from the site.

### **3.6.5 Construction Soil and Water Management Plan (CSWMP) B20**

A CSWMP has been prepared for the site including an Erosion and Sediment Control Plan (ESCP). The ESCP details site controls for managing construction erosion and sedimentation. Erosion and Sediment controls are inspected. However, not all inspections have been formally documented.

The site visit found that all controls were in place in accordance with the ESCP. The site visit noted that exposed are surfaces are compacted, and covered with geotextile where there is limited work occurring, limiting the potential for dust and erosion. Pits are covered and surrounded by sediment fencing and coir logs to prevent dirty water leaving site through the site drainage. An extensive area of rock rip rap and a rumble grid are located at the construction site exit to prevent mud-tracking on to roads.

As noted in Section 3.6.1 above, the SWMP requires weekly and post rainfall inspections. The audit did not find any documented evidence that weekly/post rain inspections are occurring.

Photographic evidence of controls are provided in Appendix C.

### **3.6.6 Aboriginal Heritage Management Plan (AHMP) B21**

The MDCA AHMP contains an Aboriginal Cultural Heritage Unexpected Finds Protocol and a Burial / Bone Find Protocol.

As the majority of the site was already excavated prior to JHG commencing construction, the Heritage consultant had previously cleared these areas. Hospital Road was not included in this clearance. Therefore, the Heritage consultant was required on-site during initial earthworks along Hospital Road. Photographic evidence was provided of site monitoring during excavation works on Hospital Road. However, an updated report from MDCA had not been provided at the time of the audit.

### **3.6.7 Flood Emergency Response Plan (FERP) B22**

The BMT FERP, which addresses the CoC (B22, B28 and B29), recommends a flood protection wall along High Street be constructed, rain gauge telemetry, a camera to observe the depth of water and that access gates will not be inundated by flooding.

The audit site visit noted that a temporary flood protection wall has been constructed along High Street. It will be relocated and made permanent during the latter stages of construction and prior to operation. Refer the photographic evidence in Appendix C.

### **3.7 Environmental performance**

JHG operate under an Environmental Management System (EMS) certified to ISO AS/NZS 14001:2016. The certification period for the EMS is 15 February 2022 to 15 February 2025.

Environmental performance of the project is measured via regular inspections, monitoring and reporting. The audit found that the site is well managed and maintenance of environmental controls is occurring, however these inspections are not regularly documented.

The audit found that key environmental controls are in places including:

- Erosion and sediment controls
- Waste management including waste separation and appropriate disposal of concrete waste
- Dust suppression with fence mounted sprinkler system
- Noise blankets adjacent to residential areas
- Construction vehicle parking.

### **3.8 Consultation outcomes**

Relevant stakeholders were consulted as required by the conditions in the preparation of the management plans for the site. Specifically:

- DPE regarding construction commencement
- DPE regarding the Staging Report, CEMP and sub plans
- Randwick City Council regarding the Soil and Water management Plan and the Construction Traffic and Pedestrian Management Sub Plan
- TfNSW regarding the Construction Traffic and Pedestrian Management Plan and the Pre-construction Dilapidation Report.

DPE, Randwick City Council and TfNSW were consulted for this audit. A response was received from Council on 16 December 2023 to say that interactions with HI and JHG have been positive and constructive. No response from DPE had been received at the time of issuing the audit report.

A meeting was held with a TfNSW representative on 12 January 2023. As discussed during the meeting, TfNSW, Transdev and JHG have an interim agreement in lieu of the finalised deed stating that works can be undertaken in accordance with the interim agreement providing no crane works are undertaken. Consultation with TfNSW by the audit team with TfNSW, notes that the Deed is imminent and in the final draft stages. TfNSW discussed an aspect of the approved design that does not meet the light rail specifications, which is unrelated to the CoC. However, a concession is being granted instead of a change in design.

### **3.9 Complaints**

The audit noted that there is a complaint register available on the Project website (<https://randwickcampusredevelopment.health.nsw.gov.au/getmedia/2ebc4e3a-87ec-4666-bdcd-5c77220a8716/SCH1MCCCC-Complaints-Register-November-2022.pdf.aspx>). There has been one complaint made since the commencement of construction.

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A complaint was made regarding rock breaking activities occurring outside of approved hours. An investigation occurred and found that a civil contractor on site undertook rock breaking works outside of the approved hours on the 29 November 2022. The contractor has been issued with a non-conformance notice.

### **3.10 Incidents**

The audit noted that there have been incidents to date.

### **3.11 Actual versus predicted impacts**

Section 7 of the Environmental Impact Statement (EIS) provides an assessment of the predicted environmental impacts of the project (Urbis, 2021). A summary of the impacts as identified in the EIS versus the actual impacts found during this audit is provided below.

#### **Built form and urban design**

The Project has been designed to mitigate the impact of height, bulk and scale; to integrate with adjacent development, both existing and future; and with the presentation of a good civic façade. The approved design is compatible with existing Randwick Hospital developments and University of NSW developments.

The Project includes a 15.5% site canopy cover, which aligns with the NSW Government target of a 40% increase of canopy cover across Greater Sydney by 2030.

#### *Actual impacts*

The EIS states mitigation measures are not required. The approved design has been prepared to address any impacts to amenity and urban design.

#### **Environmental amenity**

The proposed buildings are separated from the nearest residences to the north by over 30 metres and will have no notable adverse impacts on the amenity of surrounding development in regard to overshadowing, privacy, wind or views. Although the most significant visual impact will be from High Street, it will not be out of context with the Randwick Campus Redevelopment or the broader Randwick Health and innovation Precinct.

It was identified in the EIS that there would be some overshadowing to commercial buildings.

Mitigation measures identified in the EIS are to reduce impact of external lighting and wind.

#### *Actual impacts*

All external construction lighting will be established and operated in compliance with AS 4282:2019 Control of the obtrusive effect of outdoor lighting.

In accordance with the CEMP:

- Lighting will be installed in coordination with the objective of minimising light spill by directing lighting away from residential receivers where possible
- Lights will be located as far away as possible and directed away from neighbouring properties, with consideration given to current Crime Prevention Through Environmental Design principles. For safety and security purposes during nights and periods of low light temporary lighting will be required for work areas and traffic detours.

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- Lighting will be directed to illuminate the target areas. Baffles or shield will be utilised where practicable and feasible to reduce potential of light spill.

## **Transport and accessibility**

Construction of the Project will impact pedestrians, active transport users (e.g., cyclists) and road users living and commuting in the vicinity of the site. Impacts associated with construction traffic (both heavy and light vehicles) and changes to the road network include increases to road traffic and congestion, potential impacts to cyclists and those commuting on the Sydney Light Rail.

Impacts associated with the construction site also include potential impacts to the pedestrian walkways surrounding the site and pedestrian safety particularly around the site access.

### *Actual impacts*

There is an approved Construction Traffic and Pedestrian Management Plan that includes Driver Code of Conduct, and an approved Construction Worker Transportation Strategy, for the Project that is being implemented as evidenced by the induction material and site visit.

## **Heritage**

There are no non-Aboriginal heritage items within the Project site, and the site is not within a conservation area. The Project will not impact the significance of any non-Aboriginal heritage items or conservation areas in the vicinity of the Project.

### *Actual impacts*

The EIS states mitigation measures are not required.

## **Aboriginal Cultural Heritage**

The EIS indicates that a portion of the site has been previously assessed (Preliminary Aboriginal Archaeological Assessment, MDCA June 2018; Aboriginal Heritage Impact Permit). The northern portion of Eurimbla Avenue is adjacent to a significant archaeological and Aboriginal cultural area containing stone hearths and red ochreous material.

The EIS recommends monitoring under an Unexpected Finds Protocol applicable to the northern end of Eurimbla Avenue.

### *Actual impacts*

The audit noted that an Aboriginal Heritage Management Plan has been approved by the Planning Secretary and is available on the Major Projects Website.

The audit noted that archaeological monitoring was undertaken during initial earthworks along Hospital Road. Photographic evidence was provided of site monitoring during excavation works on Hospital Road. However, an updated report from MDCA has not been provided.

## **Biodiversity**

A Biodiversity Development Assessment Report (BDAR) was prepared as part of the EIS (Eco Logical Australia, 2021).

The Project site was cleared of buildings and vegetation under a previous approval. One remaining native tree is being assessed for removal as part of a separate project. Therefore, no offsets are required for this Project.

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The EIS identified that there is no remnant vegetation present within or surrounding the highly disturbed environment of the site. The field assessment carried out for the BDAR did not record suitable habitat features or foraging and roosting habitat for native or threatened species.

The EIS found that the Project may result in a number of indirect impacts on surrounding biodiversity, such as light and waste pollution, erosion and sedimentation, and weed and pathogen spread. A number of standard mitigation measures, such as best practice weed and sediment and erosion control, are recommended to mitigate these impacts.

*Actual impacts*

The site audit found that the development was occurring within the approved footprint. Erosion and sediment controls were in place, such as geotextile covering of exposed soil, pits were covered, rock rip rap and rumble grid preventing mud tracking on to the road, and dust suppression was in use.

**Tree removal and landscaping**

An Arboricultural Impact Assessment (AIA) (Eco Logical Australia 2021) was prepared to assess the likely impact to trees within the site. The AIA was prepared in accordance with the Australian Standard 4970 Protection of Trees on Development Sites (AS 4970). Nine trees are within the site. Tree 9 would undergo significant impact and therefore, is proposed to be removed as part of another development application along with four other trees. The remaining four trees will be retained.

*Actual impacts*

The works will not impact any street trees.

**Ecologically sustainable development**

The Project includes a range of ESD measures and is targeting a 5 Star Green Star Rating.

*Actual impacts*

The Project is in the early stages of development. However, the audit did note that waste is being separated and construction and demolition material is being recycled.

Steensen Varming has issued a Statement of Compliance to ESD.

**Noise and vibration**

The EIS predicted minor exceedances above NMLs during construction are predicted at Receivers 2 – 6. However, noise will remain below the Highly Affected Noise Level. At Receiver 1, some construction noise sources have the potential to be above the HNAL when working near the receiver.

Reasonable and feasible mitigation measures will need to be implemented during construction as per EPA guidelines.

*Actual impacts*

As required by the CoC a Construction Noise and Vibration Management Plan has been prepared to manage impacts. Management measures are largely around reducing noise as far as is practicable and working within the approved hours. There is a requirement for ongoing unattended noise monitoring for Receiver 1. Exceedances in the NMLs trigger a text message notification. This

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is followed up by JHG. Refer to section 3.6.3 for the detail of an exceedance and the steps that were followed to rectify the issue.

MB Consulting Engineers prepared the Pre-construction Dilapidation Report to include the area:

- From the precinct site boundary
- The pavement surrounding the boundary
- The roads around the precinct
- The public footpaths on the opposite side of the roads.

The Dilapidation Report incorporated:

- Public pavements/footpaths
- Public roads/highways/light-rail
- Kerb and gutter inlets.

### **Stormwater and drainage**

A Stormwater Management Plan was prepared by Meinhardt Bonacci (2021). The EIS found that there were no specific water quality treatment targets nominated by Randwick Development Control Plan 2013. However, water treatments were nominated for the Project.

The EIS requires that sediment and erosion control be implemented in accordance with the "Blue Book", and water quality improvement devices will be implemented in accordance with the submitted Stormwater Management Plan.

#### *Actual impacts*

The Construction Soil and Water Management Plan (CSWMP) and Erosion and Sediment Control Plan (ESCP) has been prepared to meet the requirements of the "Blue Book". The site audit found that controls were in place and maintained. However, although they may have occurred, the weekly inspections and inspections following rainfall of erosion and sediment controls as a requirement of the SWMP, had not been documented.

The mitigation measures listed in the EIS have been broadly implemented across the site including hoarding, sediment fencing, geotextile, covered pits and dust suppression sprinklers. Photographic evidence is provided in Appendix C.

### **Flooding**

A Flood Modelling Assessment Report has been prepared by Meinhardt Bonnaci (2021) and indicated the site is affected by the 1% Annual Exceedance Probability (AEP) and Probable Maximum Flood (PMF).

The Report recommended that a flood barrier be constructed prior to occupation along the full frontage of High Street to provide protection in a PMF event.

#### *Actual impacts*

A temporary flood protection wall has been constructed for construction works. It will be relocated and made permanent during the latter stages of construction and prior to operation. Refer the photographic evidence in Appendix C.

### **Soil and water**

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The EIS geotechnical assessments found that basement excavation will likely meet fill and natural sand with the intersection of Hawkesbury Sandstone of variable strength at the northern end.

The EIS found the Project is well beyond the extent of potential saline soils and areas of acid sulphate soil risk. Therefore, an assessment or management plan for either was deemed unnecessary.

Mitigation measures provided in the EIS include dilapidation reports for adjacent structures and infrastructure within 15 metres of the site boundary, all excavated materials disposed of in accordance with the NSW EPA Waste Classification Guidelines 2014, vibration monitoring and temporary ground anchors.

*Actual impacts*

A pre-construction Dilapidation Report was prepared by MB Consulting Engineers on adjacent buildings and infrastructure, particularly for the Sydney Light Rail. The report was provided to Randwick City Council, and TfNSW as the Sydney Light Rail Operator.

**Waste**

The EIS notes that the Project will provide for satisfactory waste management during the construction and operation phases. A preliminary Waste Management Plan for construction and operation was prepared at the EIS stage. It is required to be updated during the detailed design.

A Construction Waste Management Plan was prepared prior to construction and addresses the details and quantities of each waste type generated during construction, removal of hazardous waste materials and an Unexpected Finds Protocol.

*Actual impacts*

The audit noted that the CWMP was being implemented with observed waste separation on site (refer to photographic evidence in Appendix C) and the use of the Unexpected Finds Protocol and waste classification (Douglas Partners report December 2022).

**Contamination**

A preliminary and a detailed site investigation report (PSI and DSI) were prepared by Douglas Partners, both in January 2021. Based on the conclusions of the DSI, a Remediation Action Plan (RAP) was prepared for the site.

The RAP concluded that the site be rendered suitable for the Project subject to proper implementation of the remediation procedures, unexpected finds protocols and completion of the validation assessment detailed in the RAP.

*Actual impacts*

An Unexpected Finds Protocol for contamination and asbestos is contained within the Construction Waste Management Plan. All material to be removed from site is to be managed in accordance with the RAP and CWMP.

Douglas Partners Pty Ltd were commissioned by JHG to undertake a waste classification assessment of two stockpiles of fill within Stage 2 at the CR following observation of potential asbestos fragments within the stockpiles (at the source).

The waste classification was conducted with reference to the Waste Classification Guidelines, Part 1: Classifying Waste (NSW EPA, 2014). The material was classified as General Soil Waste (non-

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putrescible)-Special Waste Asbestos and has been removed from the site (Douglas Partners report December 2022).

The Remediation Action Plan indicated that based on the results in the Detailed Site Investigation, it is considered that no investigation or remediation of groundwater is required. All activities impacting groundwater, and all monitoring and reporting, will be conducted in accordance with the Groundwater Management Plan and Aquifer Interference Policy. All activities are to be conducted in accordance with the CSWMP to prevent contamination to groundwater from mismanagement of chemicals or inappropriate spill response.

### **Hazards and risks**

A SEPP 33 (now the Hazards and Resilience SEPP 2022) Preliminary Hazards Analysis Report was prepared by WSP (2021) that identified the cumulative storage quantity of medical gas and clinical waste as potentially hazardous and likely to exceed allowable thresholds.

A subsequent Preliminary Hazards Analysis (PHA) was prepared and focused on preventing or minimising major hazardous incidents on-site. The PHA concluded that risks can be managed by engineering and procedural controls.

#### *Actual impacts*

The Project is not yet operational, so these impacts are yet to be realised.

## **3.12 Site inspection**

The site inspection found the site to be well maintained. The entire site was viewed at the inspection. The purpose of the site inspection was to check that environmental controls were implemented and maintained. The site visit found that:

- Sprinklers were being used to control dust through suppression during concrete breaking activities
- Nurse stations with emergency call button, spill kit and fire extinguisher were located around the site
- Noise blankets were placed along the hoarding adjacent to High Street to reduce noise impacts to the closest residential receivers
- A temporary floodwall had been erected
- Exposed soil surfaces, where work was not occurring, were covered with a geotextile to reduce dust generation, and soil erosion and sedimentation
- Waste receptacles are located in a central area for waste management
- Sediment controls were in place on all pits along High Street, which were covered with a metal grate, board, coir log and sediment fence
- Sediment controls, rock rip rap and a rumble grid, are located at the main entrance front gate. There was no evidence of mud tracking on public roads.
- Erosion and sediment controls are appropriate and maintained
- The site is clearly fenced
- Site signage was in place

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- Parking was allocated to construction vehicles

Photos of the site are provided in Appendix C.

### **3.13 Site interviews**

Site interviews occurred with staff from JHG during the course of the audit, including those listed in Section 2.4. The interviews found that staff broadly understood the requirements of the CoC and the Management Plans.

### **3.14 Previous annual review or compliance report recommendations**

This is the first audit of the Project and compliance reports are not required in the CoC until following occupancy and prepared within 52 weeks of operation.

### **3.15 Improvement opportunities**

- Addressing complaints as they arise and following the process for notification
- Undertaking, and recording the results of, weekly erosion and sediment control inspections including following rain.

### **3.16 Key strengths**

The key strength of this Project is the committed team. JHG have a good understanding of the conditions and dedicate enough resources to manage the site.

## 4. Recommendations

### 4.1 Summary of compliance and non-compliances against conditions

Four (4) non-compliances were raised in this audit.

Table 4-1 Summary of non-compliances

CoC #	Requirement	Audit finding
A2	The development may only be carried out: (a) in compliance with the conditions of this consent; (b) in accordance with all written directions of the Planning Secretary; (c) generally in accordance with the EIS and Response to Submissions; and (d) generally in accordance with the Section 4.55(1A) application to amend SSD-10831778 Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre and accompanying documents prepared by Urbis dated 28 October 2022	The audit found that compliance with the majority of conditions. However, the audit results do note three non-conformances.
A26	The Planning Secretary must be notified through the major projects portal within seven days after the Applicant becomes aware of any non-compliance. The Certifier must also notify the Planning Secretary through the major projects portal within seven days after they identify any non-compliance.	Prior to this audit there have been no identified non-conformances. It is noted that there has been a non-conformance with the approved hours for rock breaking as identified under C6. The non-conformance occurred on the 29 November 2022. The audit did not find evidence that the Planning Secretary had been notified in the seven (7) day period.  It is noted that JHG provided the incident report in the seven (7) day period. However, it was not provided to DPE within the seven (7) day period.
C6	(c) 9am to 12pm, Monday to Friday (d) 2pm to 5pm Monday to Friday	A complaint was made regarding activities occurring outside of approved hours. An investigation occurred and found that a civil contractor on site undertook rock breaking works outside of the approved hours on the 29/11/2022. The contractor has been issued with a non-conformance notice.
C7	The Applicant must carry out the construction of the development in accordance with the most recent version of the CEMP, CTPMP, CNVMP, CWMP, CSWMP, AHMP and FERP.	The audit found that the Plans are being broadly implemented. However, the Soil and Water Management Plan requires weekly inspections and inspections after rain to occur. Though these may have occurred they are not all documented. Therefore, the auditor is unable to confirm compliance with this requirement in the Plan. The audit noted that there were no documented weekly inspections from September to the end of October.

## 5. Conclusion

The audit found four (4) non-compliances with the Conditions of Consent. Although JHG provided the incident report in relation to C6 within the 7-day period, it was not provided to DPE within the 7-day period. The document review found that Environmental Management Plans and sub plans are relevant to the site and are generally being implemented.

Table 5-1 Compliance performance

Condition part	Compliances	Non-compliances	Not triggered
<b>A</b>	19	2	20
<b>B</b>	37	-	12
<b>C</b>	37	2	13
<b>D</b>	-	-	37
<b>E</b>	-	-	14

## **Appendix A Auditor CV**

- Natascha Arens
- Nicola Smith



# NGH

## KEY PROJECTS

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### **Key Road Infrastructure**

- Albion Park Rail Bypass
- Heathcote Road
- Empire Bay Road Upgrade
- M7 Motorway & M2 Motorway
- Bringelly Road Upgrade
- Camden Valley Way Upgrade
- Schofields Road Upgrade
- Bega Bypass
- Conjola Mountain – Princes Highway
- Karuah to Bulahdelah Bypass
- Bonville Bypass
- Nabiac Bypass
- Nepean River Green Bridge
- Karuah Bypass
- Liverpool to Parramatta Transitway
- Princes Highway Nowra
- Bangor Bypass
- Northern Hum Alliance
- Woomargama Bypass
- Albury Bypass

### **Marina's and Wharves**

- Elizabeth Bay Marina
- Manly Ferry Wharf
- HMAS Platypus
- National Maritime Museum Wharf
- Balls Head Coal Loader Wharf – historic site
- Church Point Cargo and Ferry wharves
- Stockton Boat Harbour and Swing Mooring

### **Department of Planning approved independent auditor for:**

- St Marys Intermodal
- Sutherland, Griffith Base, New Maitland & Bowral Hospitals
- Campbelltown Hospital redevelopment
- Albury Bypass Post approval
- Bangor Bypass Post approval

## Natascha Arens

BAppSc, MB&EnvMgt

CEnvP, MEIANZ

### **GM – Operations**

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Natascha launched the Sydney Branch of NGH in 2006. She has around 30 years of professional experience in environmental management and impact assessment and began her career as an ecologist in South Eastern NSW.

She has worked in both the public and private sector in a number of senior management and policy roles. Natascha has a wealth of experience in environmental impact assessment for large infrastructure projects. She is an Exemplar Global Principal Environmental Auditor and has extensive auditing experience across a range of industries, with a focus on infrastructure. She has worked across a diverse range of environments from dry arid areas to alpine environments and subtropical areas.

The diversity of her planning experience coupled with her onsite and project management experience has equipped her with an excellent understanding of environmental issues, legislation and planning in regional and urban environments. Natascha gives clients assurance that NGH will use innovation and breadth of company history to drive sustainable outcomes for projects.

Natascha has a leading role in the operational performance of the company. Instigating improved environmental performance is something Natascha pursues with enthusiasm.

### **Tertiary Qualification**

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#### **Southern Cross University, Lismore**

Bachelor of Applied Science (Conservation Technology and Management) (1991)

#### **University of Newcastle**

Master of Business and Environmental Management (2006)

### **Professional Experience**

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#### **GM Operations – NGH Pty Ltd**

- Maintenance and compliance with the company Quality & OHS&R System
- Review and monitor major projects, including large Pacific Highway Upgrades, Princes Highway Upgrades, Water and energy infrastructure, M2 and M7 upgrades and maintenance, recreation spaces and masterplans, renewable energy projects and Biodiversity Strategies

#### **Manager Environmental Technology Branch – RTA**

- Management of the three sections within the branch (up to 18 full time staff)

- Facilitate improvement of environmental management within the RTA
- Reviewing and overseeing major projects, including major freeway and Highway upgrades. Eg: M7 Motorway, Bulahdelah Bypass

### ***Biodiversity and Sustainability Policy Officer – RTA***

- Respond to ministerial enquiries.
- Comment on state and federal legislation changes
- Prepare policy on biodiversity and sustainability
- Prepare and implement RTAs Sustainability Action Plan
- Manage funding for Roadside Environment Committee
- Manage biodiversity related research projects

### ***Environmental Officer, Environmental Projects Section – RTA***

- Environmental Management Systems (EMS) auditing
- Preparation of Environmental Management Plans (EMP)
- Review of RTA environmental G specifications and procedures. Update the RMS EMS

### ***Manager Environmental Projects Section (secondment) – RTA***

- Maintain registers of projects, financial performance and provide reporting to the branch manager
- Marketing and promotions of services
- Expert Advisor for environmental assessments, management and planning including Pacific Highway Upgrades, and M7 Motorway

### ***Environmental Officer, Environmental Assessments – RTA***

- Management and Preparation of Environmental Impact Assessments including Review of Environmental Factors and EIS, including Robinvale Murray River Bridge replacement REF
- Preparation of Representation Reports, proposals and briefing documents, major projects included Liverpool to Parramatta Transitway and Karuah – Bulahdelah EIS and representations report

### ***Environmental Consultant – NGH Pty Ltd***

- Species impact statements, design and implementation of fauna and flora survey; Preparation of environmental assessment documents in areas where development may impact on the natural environment

### ***Eden District Technical Officer, Threatened Species Unit – NSW NPWS***

- Update Eden District Incident Action Plan; Implement and maintain fauna databases, TSU GIS management; Process data from field surveys, targeting endangered and locally significant fauna; Liaison and negotiation with NSW State Forest regarding data collection and exchange; Provide technical and professional advice to 33 landholders in preparing a Plan of Management for a Voluntary Conservation Agreement (VCA). Flora and fauna surveys

## **Additional Qualifications and Skills**

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- Exemplar Global Certified Environmental Management Systems Auditor (ISO 14001)
- Soil and water and erosion and sediment control training
- Certified Environmental Practitioner
- EIANZ Member
- Certificate II in Bush Regeneration
- Senior First Aid Certificate
- Certificate IV in Assessment and Workplace Training



# NGH

## KEY PROJECTS

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### ***Environmental management and compliance monitoring***

- Lake Victoria Geomorphological and Erosion Assessment
- Crookwell Landfill Surface Water and Groundwater Assessment
- Parkes Intermodal Site and Soil Assessment
- Middlebrook Solar Farm, Coleambally BESS and Lismore BESS Soil Surveys
- Henry Lawson Drive Construction and Operation Surface Water Quality Assessment
- Forbes Brinecure and Geelong Leather Annual System Performance Reporting
- Tharbongang quarry and landfill groundwater compliance reporting
- Northridge waste classification

### ***Management plans***

- Crookwell Landfill Surface Water and Groundwater Management Plan / Erosion and Sediment Control Plan
- Lendlease Soil and Water Management Plan / Erosion and Sediment Control Plan
- Parkes Intermodal Construction Waste Management Plan / Construction Noise and Vibration Management Plan
- Jugiong Landfill Soil and Water Management Plan
- Land and water management plans for Council
- Avonlie Solar Farm post approvals

### ***Contaminated land***

- Northridge PSI
- Sebastopol PSI

### ***Environmental approvals***

- Extractive industry EIS'
- Renewable energy EIS'

## Nicola Smith

Bachelor of Science

Masters of Philosophy (physical geography)

Australasian Land & Groundwater Association

## Regional Manager – Environmental Management

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Nicola is a Regional Manager – Environmental Management at NGH. In this role she leads a team of senior and junior environmental management consultant professionals and is experienced working across several jurisdictions.

Nicola has over 10 years' experience and a diverse skill set across multiple disciplines within the environmental management field. She has worked on numerous planning and approval projects and post-approval environmental management engagements across jurisdictions, contributing to all stages of project development.

Nicola has worked for both private and public sector clients on a wide variety of projects in the renewable energy sector (Solar, Wind, Hydro), extractive industries, road and rail infrastructure, manufacturing, water infrastructure and waste management facilities. She is an experienced project manager and lead report author for all phases of project development, including leading field investigations, preparing approval documents, post-approval environmental management plans and environmental monitoring programs.

Her skills and expertise include:

- Multi-discipline project management
- Technical review and quality control
- Scientific writing
- Stakeholder and client engagement
- Environmental management and monitoring
- Soil and geomorphological investigations
- Contaminated land investigations
- Environmental compliance monitoring programs and reporting
- Preparation of environmental management plans
- Preliminary constraints assessment
- Detailed environmental impact assessment (REF, EIS)
- Graphical Information Systems (GIS)
- Sustainability – delivering sustainable outcomes through the delivery of sustainability programs, training and workshops.

## Tertiary Qualification

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### ***Macquarie University, New South Wales***

- Bachelor of Science (coherence in physical geography and plant biology)
- Master of Philosophy (physical geography)

# Professional Experience

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## ***Environmental management and compliance monitoring***

- Henry Lawson Drive construction and surface water quality assessment for the Stage 1 component of the Henry Lawson Drive upgrade in Sydney NSW for TfNSW – project manager, data analysis and report author
- Pre-construction surface water quality monitoring for the Snowy 2.0 Marangle works for UGL Limited in NSW - project manager, data analysis and report author
- Surface water quality monitoring for Murray's Crossing Quarry for Bald Hill Quarry, NSW– project manager and data collection
- Annual System Performance Reporting for Geelong Leather and Forbes Brinecure – data analysis and report author for NSW EPA compliance document
- Compliance monitoring for groundwater at Tharbogang Quarry / Landfill for Griffith City Council NSW – project manager and report author
- Compliance monitoring for noise at Riverina Water County Council NSW – data collection, analysis and report author
- Soil surveys for NSW State Significant Developments – Middlebrook Solar Farm, Oxley Solar Farm, Lismore Battery Energy Storage System and Coleambally Battery Energy Storage System – report author and reviewer
- Crookwell Landfill Groundwater and Surface Water Assessment for Upper Lachlan Shire Council NSW – project manager, data analysis and report author
- Data collection and report author for the Lake Victoria Geomorphological and Erosion Assessment for South Australia Water
- Surface water collection, data analysis and report writing for the Macquarie River and Macquarie Marshes NSW. Data was used to characterise channel morphological response to changes in sediment load.

## ***Environmental management***

- Crookwell Landfill Groundwater and Surface Water Management Plan and Erosion and Sediment Control Plan for Upper Lachlan Shire Council NSW – plan author
- Jugiong Landfill Soil and Water Management Plan and Erosion and Sediment Control Plan for Bald Hill Quarry NSW – plan author.
- Lendlease Soil and Water Management Plan and Erosion and Sediment Control Plan – plan author
- Construction Waste Management Plan and Construction Noise and Vibration Management Plan for Parkes Intermodal, Pacific National NSW – plan author
- Avonlie Solar Farm management plan updates, which included the Environmental Management System (EMS), the Biodiversity Management Plan (BMP) and the Traffic Management Plan (TMP) – plan updates and review
- Reviewer of Construction Environmental Management Plans and associated management plans for public and private sector clients.

## ***Contaminated land***

- Preliminary Site Investigation for Sebastopol Solar Farm – data collection and report author
- Preliminary Site Investigation for Northridge Materials Facility – data collection and report author

## ***Environmental impact assessment***

- Extractive industry environmental impact assessment – Murray's Crossing Quarry expansion and Mt Bundarbo Quarry – project manager, EIS author and EIS technical review
- Numerous State Significant Development Environmental Impact Assessments (EIA) in the renewable sector including solar farms, wind farms and battery energy storage systems in NSW. These have included Culcairn Solar Farm, Coleambally BESS, Burrawong Wind Farm, Alectown Wind Farm, Avonlie Solar Farm, Yanco Solar Farm, Walla Walla Solar Farm, Gregadoo Solar Farm and Jindera Solar Farm. My role on these projects has varied and includes project manager, report author and data collection.
- Numerous Review of Environmental Factors (REF) for Soil Conservation Service, Riverina Water County Council, Wagga Wagga City Council, National Parks and Wildlife Service, Temora Shire Council and TfNSW. The projects

have been varied and include road upgrades, fire trail upgrades and maintenance works, path upgrades, bicycle precincts, solar system installation and water-pipe installation. My role on these projects has varied and includes project manager, report author and data collection.

## Additional Qualifications and Skills

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- Erosion and Sediment Control - Blue Book Training
- River Styles® Accreditation
- National WHS General Construction Induction Training (white card)
- First Aid Certificate
- Writing Clear Science
- Green Steps Sustainability Program
- Rail Industry Workers (RIW)

## **Appendix B Audit Table**

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
<b>PART A - ADMINISTRATIVE CONTROLS</b>					
<b>Obligation to Minimise Harm to the Environment</b>					
A1.		In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasible measures must be implemented to prevent, and, if prevention is not reasonable and feasible, minimise any material harm to the environment that may result from the construction and operation of the development.	Site visit Completed checklists CEMP and sub plans	The audit found that reasonable and feasible measures were being implemented and did not note any material harm to the environment	C
<b>Terms of Consent</b>					
A2.		The development may only be carried out:			NC
	a)	in compliance with the conditions of this consent;		The audit found that compliance with the majority of conditions, however did note three non conformances against other conditions	NC
	b)	in accordance with all written directions of the Planning Secretary;		There have been no written directions to date.	NT
	c)	generally in accordance with the EIS and Response to Submissions; and	EIS Sydney Children's Hospital and Children's Comprehensive Cancer Centre (Urbis 2021)	A review of actual versus predicted impacts found that the project is generally being delivered in accordance with the EIS	C
	d)	generally in accordance with the Section 4.55(1A) application to amend SSD-10831778 Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre and accompanying documents prepared by Urbis dated 28 October 2022; and			
	e)	in accordance with the approved plans in the table below:			
A3.		Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to:			c
	a)	the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary;		No formal written directions have been received. Comments from Planning were provided on draft Staging report and the CEMP. These have subsequently been addressed and approved by Planning.	C
	b)	any reports, reviews or audits commissioned by the Planning Secretary regarding compliance with this approval; and		This is the first audit of the project. No reports have been commissioned by the Planning Secretary.	NT
	c)	the implementation of any actions or measures contained in any such document referred to in (a) above.		Noted	NT
A4.		The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c) or A2(d). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c) and A2(d), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.		Noted	C
<b>Limits of Consent</b>					
A5.		This consent lapses five years after the date of consent unless work is physically commenced.		Construction commencement date was 21 November 2022, therefore the consent is still valid.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
<b>Prescribed Conditions</b>					
A6.		The Applicant must comply with all relevant prescribed conditions of development consent under Part 6, Division 8A of the EP&A Regulation.	Meinhardt - Bonacci Structural design statement 4/10/2022	This relates to compliance with the Building Code of Australia (BCA). Meinhardt - Bonacci Structural design statement confirms compliance of the design with the BCA.	C
<b>Planning Secretary as Moderator</b>					
A7.		In the event of a dispute between the Applicant and a public authority, in relation to an applicable requirement in this approval or relevant matter relating to the Development, either party may refer the matter to the Planning Secretary for resolution. The Planning Secretary's resolution of the matter is binding on the parties.		Nil disputes to date	NT
<b>Evidence of Consultation</b>					
A8.		Where conditions of this consent require consultation with an identified party, the Applicant must: (a) consult with the relevant party prior to submitting the subject document for information or approval as required; and (b) provide details of the consultation undertaken including: (i) the outcome of that consultation, matters resolved and unresolved; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	Email evidence dated 18 July 2022 TFNSW Email evidence dated 19/8/2022 Randwick Council email re TfNSW Light Rail Interface Manager 11/08/2022.	Noted. Consultation has been required for the preparation of the Construction Traffic and Pedestrian Management Plan, the Soil and Water Management Plan and the interaction with the Light Rail Corridor and the dilapidation reports.	C
<b>Staging</b>					
A9.		The project may be constructed and operated in stages. Where compliance with conditions is required to be staged due to staged construction or operation, a Staging Report (for either or both construction and operation as the case may be) must be prepared and submitted to the satisfaction of the Planning Secretary. The Staging Report must be submitted to the Planning Secretary no later than one month before the commencement of construction of the first of the proposed stages of construction (or if only staged operation is proposed, one month before the commencement of operation of the first of the proposed stages of operation).	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev C 22 July 2022 DPE Letter to HI dated 1/08/2022 re A9 & 10 staging report	A staging report has been prepared and was submitted to Planning prior to commencement of construction. DPE have confirmed that the staging report has been prepared to the satisfaction of the Secretary.	C
A10.		A Staging Report prepared in accordance with condition A9 must:			C
	a)	if staged construction is proposed, set out how the construction of the whole of the project will be staged, including details of work and other activities to be carried out in each stage and the general timing of when construction of each stage will commence and finish;	Section 2 of Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC - Staging Report	Section 2.1 of the report sets out project staging	C
	b)	if staged operation is proposed, set out how the operation of the whole of the project will be staged, including details of work and other activities to be carried out in each stage and the general timing of when operation of each stage will commence and finish (if relevant);		Staged operation is not proposed	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	c)	specify how compliance with conditions will be achieved across and between each of the stages of the project; and	Section 2 of Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC - Staging Report	Section 2 of the staging report addresses condition compliance for each stage	C
	d)	set out mechanisms for managing any cumulative impacts arising from the proposed staging.	Section 3 of Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC - Staging Report	Section 3 of the report addresses cumulative impacts	C
A11.		Where a Staging Report is required, the project must be staged in accordance with the Staging Report, as approved by the Planning Secretary.		The project is being constructed in accordance with the staging report and no changes have been proposed.	C
A12.		Where construction or operation is being staged in accordance with a Staging Report, the terms of this consent that apply or are relevant to the works or activities to be carried out in a specific stage must be complied with at the relevant time for that stage as identified in the Staging Report.	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev C 22 July 2022	The staging report notes to which stage the terms of consent are relevant in the condition matrix in Appendix A	C
<b>Staging, Combining and Updating Strategies, Plans or Programs</b>					
A13.		The Applicant may:			C
	a)	prepare and submit any strategy, plan (including management plan, architectural or design plan) or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan (including management plan, architectural or design plan) or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan (including management plan, architectural or design plan) or program);	CEMP Sub plans and Staging report	Plans cover all stages.	C
	b)	combine any strategy, plan (including management plan, architectural or design plan), or program required by this consent (if a clear relationship is demonstrated between the strategies, plans (including management plan, architectural or design plan) or programs that are proposed to be combined); and		Plans have not been combined	C
	c)	update any strategy, plan (including management plan, architectural or design plan), or program required by this consent (to ensure the strategies, plans (including management plan, architectural or design plan), or programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).		The works are in the early stages and updates have not been required at this stage. It is noted that Modification 1 was approved and a consolidated consent issued on the 30 November 2022	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
A14.		Any strategy, plan or program prepared in accordance with condition A13, where previously approved by the Planning Secretary under this consent, must be submitted to the satisfaction of the Planning Secretary.		Noted	NT
A15.		If the Planning Secretary agrees, a strategy, plan (including management plan, architectural or design plan), or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.		Staging Plan is currently approved in Rev C. Rev D will include changes to B37/B38 conditions for independent level 3 road safety audit. A yet to be approved modification is underway.	C
A16.		Updated strategies, plans (including management plan, architectural or design plan), or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan, program or drawing.		Noted	NT
<b>Structural Adequacy</b>					
A17.		All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development, must be constructed in accordance with the relevant requirements of the BCA. <i>Note: Part 8 of the EP&amp;A Regulation sets out the requirements for the certification of the development.</i>	Meinhardt - Bonacci Structural design statement 4/10/2022	Meinhardt - Bonacci Structural design statement confirms compliance of the design with the BCA	C
<b>External Walls and Cladding</b>					
A18.		The external walls of all buildings including additions to existing buildings must comply with the relevant requirements of the BCA.		Works are in the early stages and compliance with this condition will be address in future crown certificates (CC)	NT
<b>Applicability of Guidelines</b>					
A19.		References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this consent.		Noted	C
A20.		Consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.		No written directions relating to any of these matters have been issued.	NT
<b>Monitoring and Environmental Audits</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
A21.		Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non- compliance notification, Site audit report and independent auditing. <i>Note: For the purposes of this condition, as set out in the EP&amp;A Act, "monitoring" is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development.</i>	Environmental Audits occurring in accordance with Conditions of Consent	DPE have approved NGH as the independent environmental auditor for this project. This is the first audit for Stage 1. The site component of the audit was conducted on 13/12/2022 with document review undertaken for the following 10 business days.	C
<b>Access to Information</b>					
A22.		At least 48 hours before the commencement of construction until the completion of all works under this consent, or such other time as agreed by the Planning Secretary, the Applicant must:	<a href="https://randwickcampusredvelopment.health.nsw.gov.au/projects/sydney-children-s-hospital-stage-1/ssd-10831778-documentation">https://randwickcampusredvelopment.health.nsw.gov.au/projects/sydney-children-s-hospital-stage-1/ssd-10831778-documentation</a> <a href="#">Email noting website live date 9/9/2022</a>	The website was live on the 9/9/2022 and construction commencement was on the 21 September 2022	C
	a)	make the following information and documents (as they are obtained or approved) publicly available on its website:			
	(i)	the documents referred to in condition A2 of this consent;		Copies of design plans and conditions of consent are available on the project website. A link to the planning portal is also provided for all approval documentation.	C
	(ii)	all current statutory approvals for the development.		Approvals are available on the website	C
	(iii)	all approved strategies, plans and programs required under the conditions of this consent;		The CEMP and Subplans are on the website including: Construction and Environmental Management Plan Construction Traffic and Pedestrian Management Sub-Plan Construction Worker Transportation Strategy Construction Noise and Vibration Management Plan Construction Waste Management Sub-Plan Construction Soil and Water Management Plan Flood and Emergency Response Management Sub-Plan Aboriginal Cultural Heritage Management Sub-Plan	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	(iv)	regular reporting on the environmental performance of the development in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent;		The project is in the very early stages. There is a link that will be used for monitoring documents but it has not been populated as yet.	C
	(v)	a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs;		The project is in the very early stages. There is a link that will be used for monitoring documents but it has not been populated as yet.	C
	(vi)	a summary of the current stage and progress of the development;	<a href="https://randwickcampusredvelopment.health.nsw.gov.au/news-and-publications/notices">https://randwickcampusredvelopment.health.nsw.gov.au/news-and-publications/notices</a>	Construction updates for the whole hospital precinct are available on the Randwick Campus redevelopment site. The audited noted that these are being issued monthly and include information about the Sydney Children's Hospital Stage 1.	C
	(vii)	contact details to enquire about the development or to make a complaint;		There is an 1800 number for complaints/contact and an email address.	C
	(viii)	a complaints register, updated monthly;		There is a complaints register which was last updated in October. It is due to be updated for November 2022.	C
	(ix)	audit reports prepared as part of any independent audit of the development and the Applicant's response to the recommendations in any audit report;		This audit is the first audit for this project and therefore this requirement is not triggered.	C
	(x)	any other matter required by the Planning Secretary; and		Nil to date	C
	b)	keep such information up to date, to the satisfaction of the Planning Secretary.		Noted	C
<b>Compliance</b>					
A23.		The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the development.	Induction material Sub contractor Pack 7 December sent to ADD Floors PTY LTD. Sub contractor pack Fredon Industries	Induction includes reference to relevant conditions. The subcontractor pack includes copies of the CEMP and all relevant sub plans which outline consent conditions relevant to the stage of works.	C
<b>Incident Notification, Reporting and Response</b>					
A24.		The Planning Secretary must be notified through the major projects portal immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one), and set out the location and nature of the incident.	Site audit	Interviews with staff noted that there have been no incidents to date.	NT
A25.		Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix 1.			NT
<b>Non-Compliance Notification</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
A26.		The Planning Secretary must be notified through the major projects portal within seven days after the Applicant becomes aware of any non-compliance. The Certifier must also notify the Planning Secretary through the major projects portal within seven days after they identify any non-compliance.		Prior to this audit there have been no identified non-conformances. It is noted that there has been a non-conformance with the approved hours for rock breaking as identified under C6. The non-conformance occurred on the 29 November 2022. The audit did not find evidence that the Planning Secretary had been notified in the seven (7) day period.	NC
A27.		The notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.			NT
A28.		A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.			NT
<b>Revision of Strategies, Plans and Programs</b>					
A29.		Within three months of:			NT
	a)	the submission of a compliance report under condition A34;		Compliance reports are not required until post occupancy.	NT
	b)	the submission of an incident report under condition A25;		There have been no incident reports submitted to date.	NT
	c)	the submission of an Independent Audit under condition C41 or C42;		This is the first Independent audit of the project.	NT
	d)	the approval of any modification of the conditions of this consent; or		There is one approved modification, however this was only approved on the 30 November 2022, therefore the three month period has not been triggered.	NT
	e)	the issue of a direction of the Planning Secretary under condition A2 which requires a review, the strategies, plans and programs required under this consent must be reviewed, and the Planning Secretary and the Certifier must be notified in writing that a review is being carried out		There have been no formal written directions issued to date that trigger this requirement.	NT
A30.		If necessary to either improve the environmental performance of the development, cater for a modification or comply with a direction, the strategies, plans, programs or drawings required under this consent must be revised, to the satisfaction of the Planning Secretary or Certifier (where previously approved by the Certifier). Where revisions are required, the revised document must be submitted to the Planning Secretary and / or Certifier for approval and / or information (where relevant) within six weeks of the review. <i>Note: This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.</i>		The project is in the early stages and the modification was only approved in late November, therefore environmental improvement opportunities have not been noted that would trigger the requirement to update plans.	NT
<b>Compliance Reporting</b>					
A31.		Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Post Approval Requirements.	Compliance Reporting Post Approval Requirements.	The compliance PAR requires the first report to be prepared within 52 weeks of operation.	NT

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
A32.		Compliance Reports must be submitted to the Department in accordance with the timeframes set out in the Compliance Reporting Post Approval Requirements, unless otherwise agreed by the Planning Secretary.			NT
A33.		The Applicant must make each Compliance Report publicly available 60 days after submitting it to the Planning Secretary.			NT
A34.		Notwithstanding the requirements of the Compliance Reporting Post Approval Requirements, the Planning Secretary may approve a request for ongoing annual operational compliance reports to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that an operational compliance report has demonstrated operational compliance.			NT
<b>Light Rail Requirements</b>					
A35.		The Applicant must comply with all Altrac Light Rail Partnership (Altrac) or any subsequent operator of Sydney Light Rail (Sydney Light Rail Operator) policies, rules and procedures when working in and about the Sydney Light Rail corridor.	TfNSW approval dated 20/10/2022 for below-ground work.	CC1 and CC2 approval for below-ground work has been provided by TfNSW. JHG are currently in negotiations with Altrac/TfNSW for approval for above-ground works.	C
A36.		The Applicant must comply with the requirements of T HR CI 12090 ST Airspace and External Developments version 1.0 and Development Near Rail Corridors and Busy Roads – Interim Guidelines.	Email of Approval Conditions for Installation of Anchors, 14/10/2022 design drawing no. SCH-ST-DG-31-FF102	Transport confirmed compliance with this requirement as per design drawing no. SCH-ST-DG-31-FF102	C
A37.		Activities of the Applicant must not affect and/or restrict Sydney Light Rail operations without prior written agreement between the Applicant, Transport for NSW (TfNSW), Altrac, and the Sydney Light Rail Operator, and any such written agreement must be obtained no later than two months prior to the activity unless otherwise agreed by TfNSW, Altrac, and the Sydney Light Rail Operator. Any requests for agreement are to include as a minimum the proposed duration, location, scope of works, and other information as required by the Sydney Light Rail Operator.		There have been no restrictions to rail operations to date.	NT
A38.		The Applicant must apply to Altrac and the Sydney Light Rail Operator for any required network shutdowns four months prior to each individual required network shutdown event. Each request for network shutdown must include as a minimum the proposed shutdown dates, duration, location, scope of works, and other information as required by the Sydney Light Rail Operator. It is likely in the first two years there will not be a light rail shut down for maintenance purposes.		There have been no network shutdowns to date.	NT
A39.		The Applicant must not impede access for Sydney Light Rail patrons traversing to and from the Sydney Light Rail stops at all times.		There has been no impediment to access to date.	NT

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
A40.		TfNSW, and persons authorised by it for this purpose, are entitled to inspect the site of the approved development and all structures to enable it to consider whether those structures on that site have been or are being constructed and maintained in accordance with these conditions of consent, on giving reasonable notice to the principal contractor for the approved development or the owner or occupier of the part of the site to which access is sought.		TfNSW have not requested as site inspection to date.	NT
A41.		All TfNSW, Altrac and Sydney Light Rail Operator's costs associated with review of plans, designs and legal must be borne by the Applicant or in accordance with terms agreed by the relevant parties.	Noted		NT
<b>PART B - PRIOR TO COMMENCEMENT OF CONSTRUCTION</b>					
<u>Notification of Commencement</u>					
B1.		The Applicant must notify the Planning Secretary in writing of the dates of the intended commencement of construction and operation at least 48 hours before those dates.	Planning Department Post-Approval Planning Portal document sighted, dated 14/09/2022	Notification submitted through the Planning Department Post-Approval Planning Portal document sighted, dated 14/09/2022	C
B2.		If the construction or operation of the development is to be staged, the Planning Secretary must be notified in writing at least 48 hours before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.	Correspondence to the Planning Department on 1 August 2022.	Stage 1 commencement of construction outlined in Staging Report, submitted to the Planning Department in 1 August 2022.	C
<u>Certified Drawings</u>					
B3.		Prior to the commencement of construction, the Applicant must submit to the satisfaction of the Certifier structural drawings prepared and signed by a suitably qualified practising Structural Engineer that demonstrates compliance with this development consent.	Meinhardt - Bonacci Structural design statement 4/10/2022 CC2 Blackett MacGuire Goldsmith 7/11/2022.	The structural design certificate was issued to the certifier as part of CC2.	C
<u>External Walls and Cladding</u>					
B4.		Prior to the commencement of construction of the facade, the Applicant must provide the Certifier with documented evidence that the products and systems proposed for use or used in the construction of external walls, including finishes and claddings such as synthetic or aluminium composite panels, comply with the requirements of the BCA. The Applicant must provide a copy of the documentation given to the Certifier to the Planning Secretary within seven days after the Certifier accepts it.		Façade works compliance will be confirmed in future Crown Certificates.	NT
<u>Balustrade and Terrace Screening</u>					
B5.		Prior to the commencement of construction, the Applicant must submit to the satisfaction of the Certifier plans and documentation to confirm balustrading to the upper level terraces will not be constructed with 'Crimsafe' or similar style screening.		Balustrade works compliance will be confirmed in future Crown Certificates.	NT
<u>Pre-Construction Dilapidation Report - Protection of Public Infrastructure</u>					
B6.		Prior to the commencement of construction, the Applicant must:			C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	a)	consult with the relevant owner and provider of services and infrastructure that are likely to be affected by the development to make suitable arrangements for access to, diversion, protection and support of the affected infrastructure;	AusGrid Design Offer made on 30/03/2021 sighted, NBN Master Developer Agreement sighted (no date), AARNET email and map for relocation of services email dated 12/11/2020 sighted. Council approval section 94 Local Govt Act 21/10/22	Telecommunications and electricity providers have been consulted. Council have been consulted regarding stormwater and stormwater management.	C
	b)	prepare a Pre-Construction Dilapidation Report by a qualified structural engineer identifying the condition of all public (non-residential) infrastructure and assets in the vicinity of the site (including the light rail, roads, gutters and footpaths) that have potential to be affected;	Meinhardt Bonacci (MB) Pre-Construction Dilapidation Report Rev 2 13/7/2022	<p>MB consulting engineers prepared the report to include the area:</p> <ul style="list-style-type: none"> <li>• from the precinct site boundary,</li> <li>• the pavement surrounding the boundary</li> <li>• the roads around the precinct and</li> <li>• the public footpaths on the opposite side of the roads</li> </ul> <p>This report incorporated:</p> <ul style="list-style-type: none"> <li>• Public pavements/footpaths</li> <li>• Public roads/highways/light-rail</li> <li>• Kerb and gutter inlets</li> </ul>	C
	c)	submit a copy of the Pre-Construction Dilapidation Report to the asset owner (including Sydney Light Rail Operator and TfNSW), Certifier and Council; and	Email evidence dated 18 July 2022 TfNSW Email evidenced dated 19/8/2022 Randwick Council	TfNSW and council have been provided copies of the reports.	C
	d)	provide a copy of the Pre-Construction Dilapidation Report to the Planning Secretary when requested.		Noted	NT
B7.		The dilapidation survey required for preparation of the report required by condition (b) in relation to the light rail must include a joint site inspection by the representatives of the Sydney Light Rail Operator, TfNSW and the Applicant to establish the extent of existing damage and to enable observation of any deterioration during construction.	Consultation with TfNSW Light Rail Interface Manager sighted 11/08/2022.	No comments from TfNSW as of 11/08/2022.	C
<b>Pre-Construction Survey - Adjoining Properties</b>					
B8.		Prior to the commencement of any construction, the Applicant must offer a pre-construction survey to owners of residential and commercial buildings that are likely to be impacted by the development.	Letterbox drops only on Blenheim, commencing 27 June 2022.	Letterbox drop and letters to Strata management in affected residents on Blenheim Street. Photographic proof of letterbox drops for every residential building.	C
B9.		Where the offer for a pre-construction survey is accepted (as required by condition B8), the Applicant must ensure a survey by a suitably qualified and experienced expert is undertaken prior to the commencement of vibration generating works that could impact on the identified buildings.	AusDilaps survey reports. 1 August 2022	Ausdilaps, consultancy specialising dilapidation surveys were engaged to assess and report for units and common areas, existing hospitals.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
B10		Prior to the commencement of any vibration generating works that could impact on the buildings surveyed as required by condition B9, the Applicant must:			C
	a)	provide a copy of the relevant survey to the owner of each residential or commercial building surveyed in the form of a Pre-Construction Survey Report;	email notification to residents dated 1/09/2022	Survey reports were emailed to relevant owners on 01/09/2022 - sighted.	C
	b)	submit a copy of the Pre-Construction Survey Report to the Certifier; and	CC1 issued 21/10/2022.	Blackett Maguire Goldsmith. CC1 issued 21/10/2022. All pre-construction survey reports were submitted to the certifier as part of CC1.	C
	c)	provide a copy of the Pre-Construction Survey Report to the Planning Secretary when requested.			
<b>Ecologically Sustainable Development</b>					
B11.		Prior to the commencement of construction, unless otherwise agreed by the Planning Secretary, the Applicant must demonstrate to the Certifier that the ESD initiatives recommended by the ESD report (Rev 02, prepared by Steensen Varming and dated 23 April 2021) have been incorporated into the design of the development.	Steensen Varming Statement of Compliance to ESD SSDA Conditions 22 July 2022	Steensen Varming was engaged as ESD Consultant to undertake the ESD Design Development of the Sydney Children's Hospital Stage 1 and Children's Comprehensive Cancer Centre project. Steensen Varming confirm that at completion of the project Design Development, the ESD initiatives recommended by the ESD report (Rev 02, prepared by Steensen Varming and dated 23 April 2021) have been incorporated into the design of the development.	C
B12.		The project is to achieve compliance with section 2.5.6 of the Health Infrastructure Engineering Services Guidelines dated 6 August 2021 (including Design Guidance Note No. 058) by attaining a minimum of 60 points in accordance with the ESD Evaluation Tool.	Steensen Varming Statement of Compliance to ESD SSDA Conditions 22 July 2022	Steensen Varming confirm that at completion of the project Design Development, the project achieves compliance with section 2.5.6 of the Health Infrastructure Engineering Services Guidelines dated 6 August 2021 (including Design Guidance Note No. 058) by attaining a minimum of 60 points in accordance with the ESD Evaluation Tool.	C
<b>Outdoor Lighting</b>					
B13.		Prior to commencement of lighting installation, evidence must be submitted to the satisfaction of the Certifier that outdoor lighting being installed within the site has been designed to comply with AS 1158.3.1:2005 Lighting for roads and public spaces – Pedestrian area (Category P) lighting – Performance and design requirements and AS 4282-2019 Control of the obtrusive effects of outdoor lighting.		Lightning installation has not yet commenced.	NT
<b>Environmental Management Plan Requirements</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
B14.		Management plans required under this consent must be prepared in accordance with relevant guidelines, including but not limited to the Environmental Management Plan Guideline: Guideline for Infrastructure Projects (DPIE April 2020). <i>Note: The Environmental Management Plan Guideline is available on the Planning Portal at: <a href="http://www.planningportal.nsw.gov.au/majorprojects/assessment/post-approval">www.planningportal.nsw.gov.au/majorprojects/assessment/post-approval</a></i> <i>Note: The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</i>		All management plans have been reviewed and accepted by DPE as being compliant with conditions.	C
<b>Construction Environmental Management Plan</b>					
B15.		Prior to the commencement of construction, the Applicant must submit a Construction Environmental Management Plan (CEMP) to the Certifier and provide a copy to the Planning Secretary. The CEMP must include, but not be limited to, the following:	Post Approval Portal notification re CEMP - Date Lodged 14/09/2022.	CEMP Submitted through the Post Approval Portal. Date Lodged 14/09/2022. Sighted Portal confirmation.	C
	a)	Details of:			
	(i)	hours of work;	CEMP Section 2.4.1	Hours of work are detailed in Section 2.4.1	C
	(ii)	24-hour contact details of site manager;	Section 3.5.1	There is a 24 hr contact in Section 3.5.1	C
	(iii)	management of dust and odour to protect the amenity of the neighbourhood;	Appendix 4 CSWMP	The Soil and Water Management Plan includes measures to address management of dust.	C
	(iv)	stormwater control and discharge;	Section 4.4.2 Appendix 4 CSWMP	The Soil and Water Management Plan includes a section of dewatering and discharge	C
	(v)	measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the site;	Section 4.4.2 Appendix 4 CSWMP	The Soil and Water Management Plan includes measures such as a rumble grids and rip rap at exit points.	C
	(vi)	groundwater management plan including measures to prevent groundwater contamination;	Section 4.4.2 Appendix 4 FERP, CSWMP	The Soil and Water Management Plan and the flood emergency response plan addresses this item.	C
	(vii)	external lighting in compliance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting; and	Section 4.4.4	This measure is included in Section 4.4.4	C
	(viii)	community consultation and complaints handling;	Section 4.5.2	Complaint management is addressed in the CEMP as well as the community engagement plan	C
	b)	an unexpected finds protocol for contamination, asbestos or other unexpected finds and associated communications procedure;	Appendix 4 - CWMP	There is an unexpected finds protocol	C
	c)	an unexpected finds protocol for Aboriginal and non-Aboriginal heritage and associated communications procedure; and	Appendix 4 - AHMP	There is an unexpected finds protocol	C
	d)	waste classification (for materials to be removed) and validation (for materials to remain) be undertaken to confirm the contamination status in these areas of the site.	Appendix 4 - CWMP	Waste classification requirements are addressed in the waste plan.	C
B16.		The Applicant must not commence construction of the development until the CEMP is approved by the Certifier and a copy submitted to the Planning Secretary.	Post Approval Portal notification re CEMP - Date Lodged 14/09/2022. CC1 issued 21/10/2022	CEMP Submitted through the Post Approval Portal. Date Lodged 14/09/2022. The CEMP was submitted to the certifier as part of CC1	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
B17.		A Construction Traffic and Pedestrian Management Plan (CTPMP) must be prepared and submitted to TfNSW for endorsement (via development.sco@transport.nsw.gov.au) to achieve the objective of ensuring safety and efficiency of the road network and address, but not be limited to, the following:	Post Approval Portal notification re CTPMP - Date Lodged 14/09/2022. TfNSW email dated 12/8/2022	TfNSW have agreed to the CTPMP, however have noted that "Endorsement of the CTMP is not an approval to the type of traffic management or delineation devices used, nor is it an approval to any traffic guidance schemes depicted within the CTMP. It is assumed that the proponent has used type approved devices and has developed its traffic guidance schemes in accordance with the relevant Australian Standards and Guidelines."	C
	a)	be prepared by a suitably qualified and experienced person(s);		Arup prepared the Plan. Arup personnel are suitably qualified Traffic Engineers and Transport Planners with experience in preparing Traffic Management Plans for similar projects	C
	b)	be prepared in consultation with Council, TfNSW and the Sydney Light Rail Operator;		The Plan has been prepared in consultation with TfNSW (and Transdev - the light rail operator) and Council.	C
	c)	detail the measures that are to be implemented to ensure road safety and network efficiency during construction in consideration of potential impacts on general traffic, cyclists, pedestrians, light rail and bus services;	Section 3.3, 3.5, 2.2, 5.6, and 5.7	These measures are embedded in various sections in the plan and form the basis for the plan.	C
	d)	detail heavy vehicle routes, access and parking arrangements;	Section 2.2, 5.3 and 5.4	Section 5.2 deals with Site access, 5.3 construction parking and 5.4 haul routes.	C
	e)	location of any proposed work zones;	Section 5.5	Section 5.5 addresses the Botany Road work zone	C
	f)	details of crane arrangements including location of any cranes;	Section 3.2.2	Section 3.2.2 addresses Cranes and material Handling	C
	g)	predicted construction vehicle movements, noting movements are to be minimised during peak periods;	Section 5.1	Section 5.1 outlines Construction vehicle movements and volumes.	C
	h)	details of specific measures to ensure the arrival of construction vehicles to the site does not cause additional queuing on High Street or Botany Street;	Section 3.2.1 3.5, 2.2, 5.1, 5.2 and 5.4	Section 3.5, 2.2, 5.1, 5.2 and 5.4 all address construction movements. Specific information for Botany Road exit is in 5.5 and for High Street and Botany Road in 3.2.1.	C
	i)	details of the monitoring regime for maintaining simultaneous operation of buses, light rail and construction vehicles on roads surrounding the site;	Section 5.6	Section 5.6 deals with Public transport.	C
	j)	pedestrian and traffic management measures;	Section 3.3, 3.5, 2.2, 5.6, and 5.7	This is the intent of the plan and is dealt with through the plan including Section 3.3, 3.5, 2.2, 5.6, and 5.7	C
	k)	construction program and construction methodology;	Section 3	Section 3 addresses the construction program	C
	l)	a detailed plan of any proposed hoarding and / or scaffolding;	Appendix A.3	Appendix A.3 provides a detailed plan	C
	m)	measures to avoid construction worker vehicle movements within the precinct;	Section 2.5	Section 2.5 describes the construction workforce	C
	n)	consultation strategy for liaison with surrounding stakeholders, including other developments under construction;	Sections 2.1, 3.4, 3.5 2.2, 5.1 and Appendix A3	Sections 2.1, 3.4, 3.5 2.2, 5.1 and Appendix A3 all deal with consultation	C
	o)	any potential impacts on general traffic, cyclists, pedestrians and light rail and bus services within the vicinity of the site from construction vehicles;	Sections 2.2, 3.3 5.2, 5.6 and 5.7	Sections 2.2, 3.3 5.2, 5.6 and 5.7 discuss impacts	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	p)	cumulative construction impacts of projects within the precinct. Existing CTPMPs for development within or around the site should be referenced in the CTPMP to ensure that coordination of work activities are managed to minimise impacts on the surrounding road network; and	Sections 3.4 and 3.5	Cumulative impacts are addressed in Section 3.4 and 3.5	C
	q)	proposed mitigation measures for any identified impacts for the duration of the impacts and measures proposed to mitigate any associated traffic, public transport, pedestrian, and cyclist impacts should be clearly identified and included in the CTPMP.	Section 2.2,3.3, 3.5, 5.3, 5.6, and 5.7	Mitigation measures are addressed in various sections of the plan to satisfy this element of the condition	C
B18.		A Construction Noise and Vibration Management Plan (CNVMP) must address, but not be limited to, the following:	CNVMP submitted through the Post Approval Portal. Date Lodged 14/09/2022. sighted Portal confirmation.		C
	a)	be prepared by a suitably qualified and experienced noise expert;	Pulse White Noise Acoustics Pty Ltd were the authors	Appendix C of the CNVMP - Matthew Furlong (Bachelor of Creative Technology - Audio Engineering and Sound Production)	C
	b)	describe procedures for achieving the noise management levels in EPA's Interim Construction Noise Guideline (DECC, 2009);		Section 3.2.1	C
	c)	describe the measures to be implemented to manage high noise generating works in close proximity to sensitive receivers;		Section 5	C
	d)	include strategies that have been developed with the community for managing high noise generating works;		Section 5.4	C
	e)	describe the community consultation undertaken to develop the strategies in condition B18(d);		Section 5.4	C
	f)	include a complaints management system that would be implemented for the duration of the construction; and		Section 5.4	C
	g)	include a program to monitor and report on the impacts and environmental performance of the development and the effectiveness of the management measures.		Section 5.2.3 and 5.3.2	C
B19.		The Construction Waste Management Plan (CWMP) must be prepared and address, but not be limited to, the following:	CWMP (JHG September 2022)		C
	a)	detail the quantities of each waste type generated during construction and the proposed reuse, recycling and disposal locations; and		Section 10 and 11	C
	b)	removal of hazardous materials, particularly the method of containment and control of emission of fibres to the air, and disposal at an approved waste disposal facility in accordance with the requirements of the relevant legislation, codes, standards and guidelines, prior to the commencement of construction.		Section 6	C
B20.		The Applicant must prepare a Construction Soil and Water Management Plan (CSWMP) and the plan must address, but not be limited to the following:			C
	a)	be prepared by a suitably qualified expert, in consultation with Council;	Council email dated 29 August 2022	Council have been consulted as evidenced by an email. The plan has been prepared internally by JHG with reference to the preliminary ESCP prepared with Meinhardt Bonacci	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	b)	describe all erosion and sediment controls to be implemented during construction;		Section 7 and Appendix A	C
	c)	provide a plan of how all construction works will be managed in a wet-weather events (i.e. storage of equipment, stabilisation of the Site);		Section 7 and Appendix A	C
	d)	detail all off-Site flows from the Site; and		Section 6	C
	e)	describe the measures that must be implemented to manage stormwater and flood flows for small and large sized events, including, but not limited to 1 in 1-year ARI, 1 in 5-year ARI and 1 in 100-year ARI).		Section 7 and Appendix A	C
B21.		An Aboriginal Heritage Management Plan (AHMP) must be prepared to address, but not be limited to, the following:	MDCA Consulting Aboriginal Heritage Management Plan [AHMP]		C
	a)	be prepared by a suitably qualified and experienced expert in consultation with the Registered Aboriginal Parties;		Mary Dallas Consulting Archaeologists are qualified archaeologists	C
	b)	be submitted to the Certifier and Planning Secretary prior to construction of any part of the development;	Aconnex Correspondence dated 7/09/2022 Post approval planning form 13/09/2022	Blackett MacGuire Goldsmith were provided with the AHMP and have been provided the plan as evidenced by the acconex documentation. Planning were provided the AHMP align with the CEMP as evidenced by the Post approval planning form	C
	c)	detail archaeological monitoring during the investigation, earthworks and construction phases consistent with the recommendations of the 'Aboriginal Cultural Heritage Assessment Report, New Acute Services Building for the Prince of Wales Hospital Randwick NSW' prepared by Mary Dallas Consulting Archaeologists dated October 2018; and		Majority of the site was already excavated prior to JHG. Heritage consultant cleared these areas prior to construction. Hospital Road was not included in this clearance with the Heritage consultant required on-site during initial earthworks along Hospital Road. Photographic evidence was provided of site monitoring during excavation works on Hospital Road, however an updated report from MDCA had not been provided by the heritage consultant at the time of the audit.	C
	d)	detail management of any retrieved Aboriginal Archaeological remains, and recommendations relating to any Aboriginal Archaeological deposits.		Attachment 1 of the AHMP	C
B22.		A Flood Emergency Response Plan (FERP) must be prepared and must address, but not be limited to, the following:		Submitted as part of the CEMP	C
	a)	be prepared by a suitably qualified and experienced person(s);	FERP (BMT August 2022)	BMT are water engineers	C
	b)	address the provisions of the Floodplain Risk Management Guidelines (EESG);	email from BMT dated 13/09/2022	BMT have confirmed that the plan conforms with this requirement in an email in September 2022.	C
	C) (i)	include details of: the flood emergency responses for construction phases of the development;		Section 4	C
	(ii)	predicted flood levels;		Section 2	C
	(iii)	flood warning time and flood notification;		Section 4.2	C
	(iv)	assembly points and evacuation routes;		As per the WHS Plan	C
	(v)	evacuation and refuge protocols; and		As per the WHS plan	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	(vi)	awareness training for employees and contractors, and users/ visitors.		Section 4.2	C
B23.		A Driver Code of Conduct must be prepared and communicated by the Applicant to heavy vehicle drivers and must address the following:	CTPMP	Appendix A.1	C
	a)	minimise the impacts of earthworks and construction on the local and regional road network;		Appendix A.1	C
	b)	minimise conflicts with other road users;		Appendix A.1	C
	c)	minimise road traffic noise; and		Appendix A.1	C
	d)	ensure truck drivers use specified routes.		Appendix A.1	C
<b>Soil and Water</b>					
B24.		Prior to the commencement of construction, the Applicant must install erosion and sediment controls on the site to manage wet weather events.	Site visit with reference to ESCP.	The site visit found that all controls were in place in accordance with the ESCP.	C
B25.		Prior to the commencement of construction, erosion and sediment controls must be installed and maintained, as a minimum, in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom 2004) commonly referred to as the 'Blue Book'.	MEINHARDT Preliminary ESCP (August 20220	MEINHARDT Preliminary ESCP in reference to the Blue Book (Landcom 2004) (as part of SWMP)	C
<b>Construction Parking</b>					
B26.		Prior to the commencement of construction, the Applicant must provide sufficient parking facilities on-site or within any approved works zones for construction vehicles and machinery, including for heavy vehicles, to ensure that construction traffic associated with the development does not utilise public and residential streets or public parking facilities.	Site visit. Parking is in-site adjacent to entrance off Botany Street.	Parking for construction vehicles is provided on site as evidenced by the Parking not for construction workforce. Parking for the workforce has been identified in the Construction Worker Transportation Strategy.	C
<b>Construction Worker Transportation Strategy</b>					
B27.		Prior to the commencement of construction, the Applicant must submit a Construction Worker Transportation Strategy to the satisfaction of the Certifier. The Strategy must detail the provision of sufficient parking facilities and secure storage facilities for tools on site or other travel arrangements for construction workers in order to minimise private vehicle travel and demand for parking in nearby public and residential streets, or public parking facilities. A copy of the strategy must be submitted to the Planning Secretary for information.	The Construction Worker Transportation Strategy, the DPE acknowledgment letter and approval by the certifier is available via the Major Projects Portal.	The Strategy details the provision of sufficient parking, alternative transport options and secure storage facilities for tools.	C
<b>Flood Management</b>					
B28.		Prior to the commencement of construction, the Applicant must prepare and implement for the duration of construction:	Flood emergency response plan (BMT August 2022) Workplace Emergency Response Plan Rev 2 (JHG August 2022)		C
	a)	flood warning and notification procedures for construction workers on site; and		Section 3.2.6 of the FERP addresses notification procedures.	C
	b)	evacuation and refuge protocols.		Section 3.11 of the FERP addresses Evacuation and refuge procedures.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
B29.		Prior the commencement of construction, the Applicant must demonstrate to the satisfaction of the Certifier that all relevant flood protection measures, including the flood barriers and measures set out in the Flood Modelling Assessment report prepared by Meinhardt Bonacci dated August 2021, would be in place to ensure the development and adjoining sites are protected from potential flooding impacts.	Flood emergency response plan (BMT August 2022) CC1 issued October 2022	The Flood emergency plan was approved as part of CC1.	C
<b>Operational Noise - Design of Mechanical Plant and Equipment</b>					
B30.		Prior to installation of mechanical plant and equipment, the Applicant must incorporate the noise mitigation recommendations in the Acoustic Assessment Report prepared by Pulse Acoustic Consultancy and dated 20 April 2021, into the detailed design drawings. The Certifier must verify that all noise mitigation measures have been incorporated into the design to ensure the development will not exceed the recommended operational noise levels identified in the Acoustic Assessment Report prepared by Pulse Acoustic Consultancy and dated 20 April 2021.		Mechanical plant is yet to be installed.	NT
<b>Landscaping</b>					
B31.		Prior to the commencement of Landscape or Public Domain works the Applicant must prepare a revised Landscape Plan to manage the revegetation and landscaping works on-site, to the satisfaction of the Certifier. The plan must:		Landscaping has not yet commenced.	NT
	a)	be generally in accordance the plans approved in condition A2 and provide for the planting of 64 trees on site;			NT
	b)	include the provision of street tree planting, with species and spacing of trees to be determined in consultation with Council;			NT
	c)	detail incorporation of the wind mitigation measures recommended in the Environmental Wind Impact Assessment prepared by Arup and dated 21 April 2021;			NT
	d)	detail the provision of at least 20 visitor bicycle parking spaces (including provision for some larger e-bike or courier bikes) at ground level close to the public entrances; and			NT
	e)	include details of an accessible north facing landscaped terrace at Level 6 that caters for current and future clinical considerations to provide a sunny recreation space for patients to complement the ground level space, which will be heavily overshadowed.			NT
<b>Public Domain Works</b>					
B32.		Prior to the commencement of any footpath or public domain works, the Applicant must consult with Council and demonstrate to the Certifier that the streetscape design and treatment meets the requirements of Council, including addressing pedestrian management (excluding any changes to footpath widths beyond the approved dimensions). The Applicant must submit documentation of approval for each stage from Council to the Certifier.		Footpath and public domain works have not commenced.	NT
<b>Operational Waste Storage and Processing</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
B33.		Prior to the commencement of construction of waste storage and processing areas, the Applicant must obtain agreement from Council for the design of the operational waste storage area (where waste removal will be undertaken by Council). Where waste removal will be undertaken by a third party, evidence must be provided to the Certifier that the design of the operational waste storage area:		Construction of waste storage processing areas has not yet commenced.	NT
	(a)	is constructed using solid non-combustible materials;			NT
	b)	is designed to ensure the door/gate to the waste storage area is vermin proof and can be openable from both inside and outside the storage area at all times;			NT
	c)	includes a hot and cold water supply with a hose through a centralised mixing valve;			NT
	d)	is naturally ventilated or an air handling exhaust system must be in place; and			NT
	e)	includes signage to clearly describe the types of materials that can be deposited into recycling bins and general garbage bins.			NT
<b>Construction Access Arrangements</b>					
B34.		Prior to the commencement of construction, evidence of compliance of construction parking and access arrangements with the following requirements must be submitted to the Certifier:	CTPMP (Arup August 2022) CC1	The Construction Traffic and Pedestrian Management Plan addresses these requirements and was submitted and approved by the certifier as part of CC1.	C
	a)	all vehicles must enter and leave the Site in a forward direction;		Section 2.2 of the CTPMP addresses vehicle entry and exit.	C
	b)	the swept path of the longest construction vehicle entering and exiting the site in association with the new work, as well as manoeuvrability through the site, is in accordance with the latest version of AS 2890.2; and		Appendix A6 of the CTPMP includes a swept path analysis	C
	c)	the safety of vehicles, cyclists and pedestrians accessing adjoining properties, where shared vehicle, cyclist and pedestrian access occurs, has been addressed.		The plan addresses vehicle, cyclist and pedestrian integration throughout including in Section 2.2, 3.4, 3.5, 5.2, 5.3 and 5.7.	C
<b>Operational Access, Car Parking and Service Vehicle Arrangements</b>					
B35.		Prior to the commencement of construction of operational parking and access facilities, evidence of compliance of the design of operational parking and access arrangements with the following requirements must be submitted to the Certifier:		Operational parking facilities are not yet constructed.	NT
	a)	a minimum of 50 on-site car parking spaces for use during operation of the development (inclusive of accessible parking bays) and designed in accordance with the latest versions of AS 2890.1 and AS 2890.6; and			NT
	b)	(a) the swept path of the largest service vehicle entering and exiting the Site in association with the new work, as well as manoeuvrability through the site, must be in accordance with the latest version of AS 2890.2.			NT
<b>Integrated Transport Working Group</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
B36.		An Integrated Transport Working Group is to be established between NSW Health and Council to ensure the adequate transport planning for the overall masterplan of the Prince of Wales Hospital Campus, and in particular, integration of east-west and north-south bicycle and pedestrian routes. Prior to the commencement of above ground construction, evidence (such as meeting minutes) of the formulation of this working group or evidence of a reasonable attempts to establish the working group is to be provided to the satisfaction of the Certifier.		Preparation of the Integrated Transport Working Group is underway but will be addressed in a later stage. Refer to Staging Report for revised timing (CC3)	NT
<b>Access Design and Road Safety Audit</b>					
B37.		Prior to the commencement of construction, a Stage 3 (Detailed Design) Road Safety Audit for the proposed vehicles and pedestrian access arrangements to the subject site must be prepared and submitted to Transport for NSW, Council and the Planning Secretary, including:	SCH1 / MCCCC -Staging Report-SSD-10831778 Rev C (JHG July 2022)	The Staging report accepted by the DPE On the 1 August 2022 requires this condition to be addressed as part of Crown Certificate 3. Therefore the condition is yet to be triggered. It is noted that the could be plans to revise the staging report and shift this requirement to CC4.	NT
	a)	the basement carpark, emergency department drop off area car park and all associated access routes from Botany Street; and			NT
	b)	the basement loading dock, ambulance parking, ambulance transfer bays, and all associated routes via Hospital Road to the public road system.			NT
B38.		The Road Safety Audit required by condition B37 is to be prepared in accordance with Austroads Guide to Road Safety Part 6: Managing Road Safety Audits and Austroads Guide to Road Safety Part 6A: Implementing Road Safety Audits by an independent TfNSW accredited road safety auditor. Based on the results of the road safety audit, the design drawings are to be reviewed to implement any revisions and safety measures, with updated drawings to be submitted to the satisfaction of the Planning Secretary. Where the Road Safety Audit identifies changes are required to the design of the vehicle or pedestrian access routes as they traverse over any adjoining sites, details are to be provided of how those changes will be implemented, including any necessary modifications to existing approvals.		Noted	NT
<b>Existing Helipad / Helicopter Operations During Construction</b>					
B39.		Prior to the erection of cranes on the site or any structures that may obstruct helicopter flight paths, existing helipad / helicopter operations at the Randwick Hospitals campus are to be reviewed by a suitably qualified and experienced aviation professional in consultation with relevant stakeholders. The review must consider the proposed construction methodology including plant and equipment to be used (including lighting and cranes) and recommend changes to the construction methodology and / or flight paths where required to ensure safe ongoing helicopter operations to and from the existing helipad at the site during construction. A report summarising the outcome of the review must be submitted to the Certifier and Planning Secretary.		There have been no tower cranes on site to date.	NT
<b>Light Rail Requirements</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
B40.		Prior to the commencement of any construction works or any preparatory, demolition or excavation works, whichever is the earlier, the Applicant must:			C
	a)	consult with TfNSW, Altrac and the Sydney Light Rail Operator to ascertain requirements in relation to the protection of TfNSW's infrastructure and to confirm any construction staging (and associated timing) and associated documentation and activities prior to preparation of requested documentation;	TFNSW consultation letter signed 20/10/2022. Documents were submitted to TfNSW for approval 25/07/2022. Transdev letter and agreement dated 23/09/2022	Consultation with TFNSW has been extensive. TFNSW have confirmed compliance with Conditions B41, B42, B43, B44, B45, B47 and B48. Regarding works near the light rail, Transdev have signed agreement with JHG regarding the operation of a crane adjacent to the light rail.	C
	b)	sign Infrastructure Assess Deed Poll, Safety Interface Agreement and Works Deed with TfNSW and/or the Sydney Light Rail Operator; and	TFNSW, Transdev and JHG letter and agreement dated 23/09/2022	TFNSW, Transdev and JHG have an interim agreement in lieu of the finalised deed stating that works can be undertaken in accordance with the interim agreement providing no crane works are undertaken. Consultation with TfNSW by the audit team with TfNSW notes that the Deed is imminent and in the final draft stages	C
	c)	confirm in writing with TfNSW what each construction stage will involve.	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev C 22 July 2022	The staging report has been provided and agreed to with TfNSW.	C
B41.		Prior to commencement of works for each construction stage, the Applicant must submit all relevant documentation to TfNSW as requested by TfNSW and obtain its written endorsement. A summary report for each construction stage is also to be provided to TfNSW to demonstrate the following:	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer CentreSCH1 / MCCCC -Staging Report-SSD-10831778 Rev C 22 July 2022 letter dated 20/10/2022 TfNSW - JHG re Conditions B41, B42, B43, B44, B45, B47 and B48.	The staging report has been provided and agreed to with TfNSW. TfNSW have also confirmed in a letter dated 20/10/2022, that they confirm compliance with B41.	C
	a)	no unacceptable impacts on the light rail corridor and light rail operation by clearly identifying impacts and mitigation measures; and			C
	b)	submitted documentation has satisfied the relevant conditions.			C
B42.		Prior to the commencement of any construction works or any preparatory, demolition or excavation works, whichever is the earlier, the following documentation must be provided for the review and endorsement of TfNSW:	TFNSW consultation letter signed 20/10/2022. Documents were submitted to TfNSW for approval 25/07/2022.	Signed letter includes B41, B42, B43, B44, B45, B47 and B48. Although the letter does not include a reference to B7, it does include a point that references the Dilapidation Report.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	a)	final geo-technical and structural report / drawings. Geotechnical reports should include any potential impact on the light rail corridor located adjacent to the subject development site, easement and substratum;		Geotechnical drawings have been provided as confirmed in TfNSW letter dated 20/10/2022.	C
	b)	final construction methodology with construction details pertaining to structural support during excavation or ground penetration;		Construction methods have been provided as confirmed in TfNSW letter dated 20/10/2022.	C
	c)	details of the vibration and movement monitoring system that will be in place before excavation commences;		Details of the vibration movement and monitoring have been provided as confirmed in TfNSW letter dated 20/10/2022.	C
	d)	final cross sectional drawings showing ground surface, rail tracks, sub-soil profile, proposed basement excavation and structural design of sub-ground support adjacent to the Rail Corridor located adjacent to the subject development site. Cross sectional drawings should also include the accurate RL depths and horizontal distances from assets (tracks, overhead lines, structures and cables) to the nearest point of excavation or ground penetration works. All measurements are to be verified by a Registered Surveyor; and		Final cross sectional drawings have been provided as confirmed in TfNSW letter dated 20/10/2022.	C
	e)	detailed survey plan with location of services.		Detailed survey plan has been provided as confirmed in TfNSW letter dated 20/10/2022.	C
B43.		Prior to the commencement of construction, the final acoustic assessment is to be submitted to the Certifier demonstrating how the proposed development will comply with the Department of Planning's document titled "Development Near Rail Corridors and Busy Roads Interim Guidelines". All recommendations of the acoustic assessment are to be incorporated in the construction documentation.	CC1	The final acoustic assessment (Arup Nov 2021) was submitted to the certifier with CC1.	C
B44.		Prior to the commencement of construction, the Applicant is to engage an Electrolysis Consultant to prepare a report on the Electrolysis Risk to the development from stray currents and submit a copy to the Certifier. The Applicant must incorporate in the development all the measures recommended in the report to control that risk.	Arup design intent statement 14/07/2022 Corrosion control Engineering Electrolysis Risk report date 12/11/2021	Arup have reviewed the Corrosion Control Engineering's Electrolysis Risk Report dated 12 November 2021 and the recommendation #3 aimed at de-risking stray current from the light rail. They confirm that this recommendation from the report has been incorporated in the Hydraulic and Fire services Specifications.	C
B45.		Prior to the commencement of construction, the Applicant is to design lighting, signs and surfaces with reflective materials in accordance with AS 4282 – 2019 and relevant guidance provided by TfNSW, whether permanent or temporary, which are (or from which reflected light might be) visible from the rail corridor to limit glare and reflectivity to the satisfaction of Altrac, TfNSW and the Sydney Light Rail Operator.	Billiard Leece Partnership Certificate of Architectural Design 22/07/2022	The Certificate of Architectural Design confirms that glare & reflectivity design will comply with AS 4282 and the relevant TfNSW guidance material.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
B46		Prior to the commencement of construction, The Applicant must obtain written confirmation from TfNSW, that satisfactory measures are to be installed (e.g. awning windows, louvres, enclosed balconies, window restrictors etc) which prevent the throwing of objects onto the rail corridor.	Billiard Leece Partnership Certificate of Architectural Design 22/07/2022 TfNSW consultation letter signed 20/10/2022	The level 6 northern terrace is only accessible by maintenance staff by way of a door at level 6 which will be access controlled by hospital management. The level 6 door is required for maintenance access to comply with WHS requirements. The façade in general but specifically the north facing façade has no openable windows which overlook the light rail service on High Street. The southern terrace at this level has no aspect over (does not face) the light rail service on High Street. TfNSW provided confirmation in eh letter dated 20/10/2022	C
B47.		Prior to the commencement of construction, a detailed regime is to be pre	TfNSW consultation letter signed 20/10/2022. Documents were submitted to TfNSW for approval 25/07/2022.	The documentation sent to TfNSW and approved in October included addressing the requirement of this condition.	C
B48.		Prior to the commencement of construction, the Applicant must:	TfNSW consultation letter signed 20/10/2022. Documents were submitted to TfNSW for approval 25/07/2022.		C
	a)	provide evidence to TfNSW that it holds current public liability insurance cover for a sum agreed to by the Applicant and TfNSW. TfNSW's standard public liability insurance requirement for this type of development adjacent to a rail corridor is minimum of \$250 million. This insurance must not contain any exclusion in relation to works on or near the rail corridor, rail infrastructure.	COC Construction insurance risk policy No SIC22060116	Certificate of Currency was provided to TfNSW with documentation acknowledged in the TfNSW consultation letter signed 20/10/2022.	C
	b)	provide evidence to the Certifier written proof of insurance required by B48(a) and TfNSW's written advice to the Applicant on the level of insurance required.	Transdev Email dated 20 October 2022	Transdev Email dated 20 October 2022 confirms that the COC are not required until the Deed Poll is in effect	NT
B49.		Prior to the commencement of construction or any preparatory, demolition or excavation works, whichever is the earlier, if required by TfNSW, Works Deed (s) between the Applicant, TfNSW and/or Altrac and the Sydney Light Rail Operator must be agreed and executed by the parties. These agreements may deal with matters including, but not limited to, the following:	Transdev letter and agreement dated 23/09/2022	Regarding works near the light rail, Transdev (the light rail operator) have signed agreement with JHG regarding the construction works adjacent to the light rail, however the works deed is yet to be signed.	C
	a)	Sydney Light Rail operational requirements;			
	b)	Sydney Light Rail access requirements;			
	c)	Altrac and Sydney Light Rail Operator policies, rules and procedures compliance requirements;			
	d)	indemnities and releases;			
	e)	security of costs;			
	f)	insurance requirements and conditions;			

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	g)	TfNSW, Altrac and the Sydney Light Rail Operator's recovery of costs from the Applicant for costs incurred by these parties in relation to the development (e.g. review of designs and reports, legal, shutdown /power outages costs including alternative transport, customer communications, loss of revenue etc) risk assessments and configuration change processes;			
	h)	interface coordination between the Sydney Light Rail Operator and the subject development construction works, including Infrastructure Assess Deed Poll and Safety Interface Agreement between the Applicant and the Sydney Light Rail Operator which must be agreed and executed by the parties. This agreement may deal with matters including, but not limited to, the following:			
		(i) pre and post construction dilapidation reports;			
		(ii) the need for track possessions;			
		(iii) review of the machinery to be used during excavation/ground penetration / construction works;			
		(iv) the need for track monitoring;			
		(v) the need for track monitoring;			
		(vi) endorsement of Risk Assessment/Management Plan and Safe Work Method Statements;			
		(vii) endorsement of plans regarding proposed craneage and other aerial operations;			
		(viii) erection of scaffolding/hoarding;			
		(ix) Light Rail Operator's rules and procedures; and			
		(x) alteration of rail assets such as the OHW along of track and associated hoarding demarcation system, if undertaken by the Applicant.			
	i)	Altrac and the Sydney Light Rail Operator's reviews and impact assessment of the Applicant's proposal, engineering design and construction works methodology on Sydney Light Rail Operations and assets;			
	j)	attendance and participation in the construction works risk assessment of construction activities to be performed in, above, about, and/or below the Sydney Light Rail Corridor			
	k)	arrangements for shutdowns and Sydney Light Rail restricted operations related costs attributed to the Applicant; and			
	l)	Sydney Light Rail site works access approval and access permit to work.			
<b>Site Notice</b>					
C1.		A site notice(s):	Site visit	The site visit noted that site signage is compliant with this condition.	C
	a)	must be prominently displayed at the boundaries of the site during construction for the purposes of informing the public of project details including, but not limited to the details of the Builder, Certifier and Structural Engineer is to satisfy the following requirements;			C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	b)	minimum dimensions of the notice must measure 841 mm x 594 mm (A1) with any text on the notice to be a minimum of 30-point type size;			C
	c)	the notice is to be durable and weatherproof and is to be displayed throughout the works period;			C
	d)	the approved hours of work, the name of the site/ project manager, the responsible managing company (if any), its address and 24-hour contact phone number for any inquiries, including construction/ noise complaint must be displayed on the site notice; and			C
	e)	the notice(s) is to be mounted at eye level on the perimeter hoardings/fencing and is to state that unauthorised entry to the site is not permitted.			C
<b>Operation and Plant Equipment</b>					
C2.		All construction plant and equipment used on site must be maintained in a proper and efficient condition and operated in a proper and efficient manner.	Damstra documentation for Komatsu 29T excavator	All plant is managed onsite using the Damstra platform which track maintenance and onboarding of all construction equipment. For example, the Komatsu 29T Excavator, documents available for the excavator include a plant risk assessment, service record, Operators Manual. Last service date 27/09/2022. Next due is 2750 hours. Another example, Citylink Zoomlion ZR135 (Piling Rig), documents include Operators Manual, photos, inspection record, Plant hazard assessment, Service record. Date of service 08/08/2022. Next service due in 250 hours.	C
<b>Construction Hours</b>					
C3.		Construction, including the delivery of materials to and from the site, may only be carried out between the following hours:	Induction material, CEMP, site rules.	No works before 7am. Gates are unlocked at this time.	C
	a)	between 7am and 6pm, Mondays to Fridays inclusive; and			C
	b)	between 8am and 5pm, Saturdays.			C
		No work may be carried out on Sundays or public holidays.			
C4.		Construction activities may be undertaken outside of the hours in condition C3 if required:			NT
	a)	by the Police or a public authority for the delivery of vehicles, plant or materials; or		There have been no out of hours works to date	NT
	b)	in an emergency to avoid the loss of life, damage to property or to prevent environmental harm; or		There have been no out of hours works to date	NT
	c)	where the works are inaudible at the nearest sensitive receivers; or		There have been no out of hours works to date	NT
	d)	for the delivery, set-up and removal of construction cranes, where notice of the crane- related works is provided to the Planning Secretary and affected residents at least seven days prior to the works; or		There have been no out of hours works to date	NT
	e)	where a variation is approved in advance in writing by the Planning Secretary or his nominee if appropriate justification is provided for the works.		There have been no out of hours works to date	NT
C5.		Notification of such construction activities as referenced in condition C4 must be given to affected residents before undertaking the activities or as soon as is practical afterwards.		There have been no out of hours works to date	NT

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
C6.		Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours	30/11/2022 Toolbox records, site notice board, 11/12/2022 daily brief record and sign on sheet, Induction material Rev 4	Respite hours are discussed in toolboxes and daily briefings and noted on the site board. Slide 43 of the site induction details respite periods.	C
	a)	9am to 12pm, Monday to Friday;		A complaint was made regarding these activities occurring outside of approved hours. An investigation occurred and found that a civil contractor on site	NC
	b)	2pm to 5pm Monday to Friday; and			
	c)	9am to 12pm, Saturday.			C
<b>Implementation of Management Plan</b>					
C7.		The Applicant must carry out the construction of the development in accordance with the most recent version of the CEMP, CTPMP, CNVMP, CWMP, CSWMP, AHMP and FERP.	Evidence sighted includes - Inspection date 24/11/2022 for Environmental checklist, Asbestos inspection carried out 9/12/2022 (unexpected finds). Refer to C11 for noise.	The audit found that the Plans are being broadly implemented. However, the Soil and Water Management Plan requires weekly inspections and inspections after rain to occur. Though these may have occurred they are not all documented. Therefore, the auditor is unable to confirm compliance with this requirement in the Plan. The audit noted that there were no documented weekly inspections from September to the end of October.	NC
<b>Construction Traffic</b>					
C8.		All construction vehicles (excluding site personnel vehicles) are to be contained wholly within the site, except if located in an approved on-street work zone, and vehicles must enter the site or an approved on-street work zone before stopping unless directed by traffic control.	Site visit including in-site carpark area for construction vehicles.	Photographic evidence of in-site car park for construction vehicles taken during site visit on 13/12/2022.	C
<b>Hoarding Requirements</b>					
C9.		The following hoarding requirements must be complied with:			
	a)	no third-party advertising is permitted to be displayed on the subject hoarding/ fencing other than for the purpose of fulfilling functions of a health services facility other than for the purpose of fulfilling functions of a health services facility; and	Site visit	There was no evidence of third party advertising noted during the site visit.	C
	b)	the construction site manager must be responsible for the removal of all graffiti from any construction hoardings or the like within the construction area within 48 hours of its application.	Site visit	There was no evidence of graffiti.	C
<b>No Obstruction of Public Way</b>					
C10.		The public way (outside of any approved construction works zone) must not be obstructed by any materials, vehicles, refuse, skips or the like, under any circumstances.	Site visit	There was no evidence of any obstruction of any public way.	C
<b>Construction Noise Limits</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
C11.		Construction must be undertaken in accordance with the construction noise management levels detailed in the <i>Interim Construction Noise Guideline</i> (DECC, 2009). All feasible and reasonable noise mitigation measures must be implemented and any activities that could exceed the construction noise management levels must be identified and managed in accordance with the management and mitigation measures identified in the approved Construction Noise and Vibration Management Plan.	Continuous data from in-situ noise logger sighted. AMA monitoring services provide a monthly report (October sighted). Exceedances are issued via text messages.	Once there is an exceedance, there is an investigation, a Noise Monitoring Form is completed (following a complaint or an exceedance). The audit reviewed the process in response to a complaint from a resident on the 26/11/2022. Hand held monitoring was conducted from Monday (28/11/22) to Friday (2/12/22) of the following week. The response to the complainant was Monday 28/11/22 followed the week worth of noise monitoring. Implementation of mitigation measures to reduce the exceedances, including the noise blankets (photo 13/12/22) and the movement of a rig away from the residence away (Blenheim Street)	C
C12.		The Applicant must ensure construction vehicles (including concrete agitator trucks) do not arrive at the site or surrounding area outside of the construction hours of work outlined under condition C3 unless permitted by	Induction material Rev 4	Hours of work are detailed in the induction material (Slide 15).	C
C13.		The Applicant must implement, where practicable and without compromising the safety of construction staff or members of the public, the use of 'quackers' to ensure noise impacts on surrounding noise sensitive receivers are minimised.	Plant and machinery goes through the Damastra machinery registration and maintenance system to ensure it meets the safety standards to operate on-site.	Example sighted - Piling Rig Plant Pre-Acceptance Checklist.	C
<b>Vibration Criteria</b>					
C14.		Vibration caused by construction at any residence or structure outside the site must be limited to:	September to October 2022 vibration monitoring report put together by JHG with the data from AMA Monitoring Services.		C
	a)	for structural damage, the latest version of <i>DIN 4150-3 (1992-02) Structural vibration - Effects of vibration on structures</i> (German Institute for Standardisation, 1999); and		Vibration monitoring is continuous with a permanent logger stations on site. Exceedances have occurred on site on the 11th 26th, 27th and 28th October. All exceedances were noted in the monitoring report as being attributed to movement associated with hoarding material ( ie the logger was knocked) and not due to vibratory works. No exceedances have been reocrded for November.	C
	b)	for human exposure, the acceptable vibration values set out in the <i>Environmental Noise Management Assessing Vibration: a technical guideline</i> (DEC, 2006) (as may be updated or replaced from time to time).		Monitoring is continuous with a permanent logger stations on site. Exceedances have occurred on site on the 11th 26th, 27th and 28th October. All exceedances were noted in the monitoring report as being attributed to movement associated with hoarding material ( ie the logger was knocked) and not due to vibratory works. No exceedances have been reocrded for November.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
C15.		Vibratory compactors must not be used closer than 30 metres from residential buildings unless vibration monitoring confirms compliance with the vibration criteria specified in condition C14.		Noted	C
C16.		The limits in conditions C14 and C15 apply unless otherwise outlined in a Construction Noise and Vibration Management Plan, approved as part of the CEMP required by condition B18 of this consent.		Noted	C
<b>Tree Protection</b>					
C17.		For the duration of the construction works:			
	a)	street trees must not be trimmed or removed unless it forms a part of this development consent or prior written approval from Council is obtained or is required in an emergency to avoid the loss of life or damage to property;		The works will not impact any street trees.	NT
	b)	all street trees immediately adjacent to the proposed works must be protected at all times during construction in accordance with Council's tree protection requirements. Any street tree, which is damaged or removed during construction due to an emergency, must be replaced, to the satisfaction of Council;		The works will not impact any street trees.	NT
	c)	if access to the area within any protective barrier is required during the works, it must be carried out under the supervision of a qualified arborist. Alternative tree protection measures must be installed, as required. The removal of tree protection measures, following completion of the works, must be carried out under the supervision of a qualified arborist and must avoid both direct mechanical injury to the structure of the tree and soil compaction within the canopy or the limit of the former protective fencing, whichever is the greater.		The works will not impact any street trees.	NT
<b>Air Quality</b>					
C18.		The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent.	Site visit with photos taken of sprinkler in action, rumble grid and batter blankets, riprap at entrance before rumble grid.	Photographic evidence of these items taken during site visit on 13/12/2022.	C
C19.		During construction, the Applicant must ensure that:			C
	a)	exposed surfaces and stockpiles are suppressed by regular watering;	Site visit photos of exposed surfaces being covered that were not currently in an active work area.	Photographic evidence of these items taken during site visit on 13/12/2022. Majority of stockpiled material will be removed from site.	C
	b)	all trucks entering or leaving the site with loads have their loads covered;	Driver code of conduct		C
	c)	trucks associated with the development do not track dirt onto the public road network;	Site visit	Rumble grids are at exit points. No evidence of mud tracking was noted during the audit.	C
	d)	public roads used by these trucks are kept clean; and	Street sweeper is used frequently to ensure any mud tracked to roads is removed.	Rock rip rap and rumble grid used at main exit.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	e)	land stabilisation works are carried out progressively on site to minimise exposed surfaces.	Site visit.	Batters covered with geotextiles that are not under active works to minimise exposed surfaces.	C
<b>Erosion and Sediment Control</b>					
C20.		All erosion and sediment control measures must be effectively implemented and maintained at or above design capacity for the duration of the construction works and until such time as all ground disturbed by the works have been stabilised and rehabilitated so that it no longer acts as a source of sediment. Erosion and sediment control techniques, as a minimum, are to be in accordance with the publication <i>Managing Urban Stormwater: Soils &amp; Construction</i> (4th edition, Landcom, 2004) commonly referred to as the 'Blue Book'.	Site visit ESCP	The audit reviewed the ESCP and found that all controls were in place as per the plans. Controls were found to be maintained.	C
<b>Imported Fill</b>					
C21.		The Applicant must:			C
	a)	ensure that only VENM, ENM, or other material that meets the requirements of a relevant order and exemption issued by the EPA, is brought onto the site;	Email Douglas Partners 23/09/22. Eurofins material analysis certificates (June 2022). Boral test report dated 13/09/2022	Email correspondence sighted from Douglas Partners on import/export sample analysis, remediation and validation. An example 23/09/22. Register of material and quantities was sighted. Sighted Eurofins analysis of Boral quarry material.	C
	b)	keep accurate records of the volume and type of fill to be used; and	Material tracking register	Material tracking register sighted and up to date including records for Sept-November 2022.	C
	c)	make these records available to the Certifier upon request.			
<b>Disposal of Seepage and Stormwater</b>					
C22.		Adequate provisions must be made to collect and discharge stormwater drainage during construction of the building to the satisfaction of the Certifier. The prior written approval of Council must be obtained to connect or discharge site stormwater to Council's stormwater drainage system or street gutter.	Water discharge permit 25/10/22 - 26/10/22. Council approval section 94 Local Govt Act 21/10/22	Was a basin as per the ESCP. Now a sump. Discharged on-site stormwater with a water discharge permit 25/10/22 to 26/10/22. Section 94 Local Govt Act blanket approval 21/10/2022 to 8/08/2023.	C
<b>Emergency Management</b>					
C23.		The Applicant must prepare and implement awareness training for employees and contractors, including locations of the assembly points and evacuation routes, for the duration of construction.	Induction material, notice boards, management plans	Refer to photo of notice board.	C
<b>Stormwater Management System</b>					
C24.		Within three months of the commencement of construction, the Applicant must design an operational stormwater management system for the development and submit it to the satisfaction of the Certifier. The system must:		This requirement is yet to be triggered	NT
	a)	be designed by a suitably qualified and experienced person(s);			NT
	b)	be generally in accordance with the conceptual design in the EIS;			NT
	c)	be in accordance with applicable Australian Standards; and			NT
	d)	ensure that the system capacity has been designed in accordance with <i>Australian Rainfall and Runoff</i> (Engineers Australia, 2016) and <i>Managing Urban Stormwater: Council Handbook</i> (EPA, 1997) guidelines.			NT
<b>Unexpected Finds Protocol - Aboriginal Heritage</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
C25.		In the event that surface disturbance identifies a new Aboriginal object:			NT
	a)	all works must halt in the immediate area to prevent any further impacts to the object(s);		There have been no unexpected finds.	NT
	b)	a suitably qualified archaeologist and the registered Aboriginal representatives must be contacted to determine the significance of the objects;		There have been no unexpected finds.	NT
	c)	the site is to be registered in the Aboriginal Heritage Information Management System (AHIMS) which is managed by Heritage NSW under Department of Premier and Cabinet and the management outcome for the site included in the information provided to AHIMS;		There have been no unexpected finds.	NT
	d)	the Applicant must consult with the Aboriginal community representatives, the archaeologists and Heritage NSW to develop and implement management strategies for all objects/sites; and		There have been no unexpected finds.	NT
	e)	works may only recommence with the written approval of the Planning Secretary.		There have been no unexpected finds.	NT
<b>Unexpected Finds Protocol - Historic Heritage</b>					
C26.		If any unexpected archaeological relics are uncovered during the work, then:		There have been no unexpected finds.	NT
	a)	all works must cease immediately in that area and notice is to be given to Heritage NSW and the Planning Secretary;		There have been no unexpected finds.	NT
	b)	depending on the possible significance of the relics, an archaeological assessment and management strategy may be required before further works can continue in that area as determined in consultation with Heritage NSW; and		There have been no unexpected finds.	NT
	c)	works may only recommence with the written approval of the Planning Secretary.		There have been no unexpected finds.	NT
<b>Waste Storage and Processing</b>					
C27.		All waste generated during construction must be secured and maintained within designated waste storage areas at all times and must not leave the site onto neighbouring public or private properties	Site visit.	Refer to site visit photos 13/12/2022. All waste removed by Bingo. Bingo provide monthly waste report.	C
C28.		All waste generated during construction must be assess, classified and managed in accordance with the Waste Classification Guidelines Part 1: Classifying Waste (EPA, 2014).	Douglas Partners stockpile classification report. Bingo industries monthly waste report October and November 2022	Records show that waste is being classified.	C
C29.		The Applicant must ensure that concrete waste and rinse water are not disposed of on the site and are prevented from entering any natural or artificial watercourse.	Site visit Bingo waste register	Concrete waste is being disposed offsite as evidenced by the Bingo waste report and the site visit.	C
C30.		The Applicant must record the quantities of each waste type generated during construction and the proposed reuse, recycling and disposal locations for the duration of construction.	Site visit Bingo waste register	Bingo provide a monthly report that details these requirements.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
C31.		The Applicant must ensure that the removal of hazardous materials, particularly the method of containment and control of emission of fibres to the air, and disposal at an approved waste disposal facility is in accordance with the requirements of the relevant legislation, codes, standards and guidelines.	Douglas Partners report (December 2022)	Douglas Partners Pty Ltd (DP) was commissioned by John Holland Group Pty Ltd (JHG) to undertake a waste classification assessment of two stockpiles of fill within Stage 2 at Randwick Campus Redevelopment (RCR) following the observation of potential asbestos fragments within the stockpiles (at the source). The waste classification was conducted with reference to the Waste Classification Guidelines, Part 1: Classifying Waste(NSW EPA, 2014). The material was classified as General Soil Waste (non-putrescible)-Special Waste Asbestos and has been removed from the site.	C
<b>Outdoor Lighting</b>					
C32.		The Applicant must ensure that all other external lighting is constructed and maintained in in accordance with AS 4282-2019 Control of the obtrusive effects of outdoor lighting.		External lighting is yet to be installed.	NT
<b>Site Contamination</b>					
C33.		Remediation of the site must be carried out in accordance with the Report on Remediation Action Plan — Sydney Children’s Hospital Stage 1 and Children’s Comprehensive Cancer Centre (SCH 1 / CCCC), High Streets and Hospital Road, Randwick dated April 2021 and prepared by Douglas Partners and any variations to the Remediation Action Plan approved by an NSW EPA-accredited Site Auditor.	Douglas Partners report (December 2022)	Only stockpiled material of two locations where Asbestos Containing Material was located. Process in accordance with RAP.	C
C34.		Where remediation is carried out / completed in stages, a NSW EPA-accredited Site Auditor must confirm satisfactory completion of each stage by the issuance of Interim Audit Advice(s) prior to the use / operation of the remediated area(s).		Remediation is still on going. Once the remediation works have been completed, the project Geotech will provide all information to the Site Auditor for the completion of the Interim Audit Advice. This will all be completed prior to the use / operation of the remediated areas, as per the requirements noted in the condition.	NT
C35.		The Applicant must ensure the proposed development does not result in a change of risk in relation to any pre-existing contamination on the site that would result in significant contamination.		Noted	C
<b>Independent Environmental Audit</b>					
C36.		Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the preparation of an Independent Audit Program or commencement of an Independent Audit.	DPE letter dated 24/08/2022 confirming Independent audit team	DPE confirmed the audit team in August. Natascha Arens was confirmed as the lead auditor and Nicola Smith as the audit assistant.	C
C37.		Within four weeks of the commencement of construction, an Independent Audit Schedule prepared in accordance with the Independent Audit Post Approval Requirements (2020), as amended by condition C38, must be submitted to the Planning Secretary and the Certifier.	Post approval portal receipt dated 21/10/2022	The audit schedule was prepared and provided in this time frame.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
C38.		Table 1 of the Independent Audit Post Approval Requirements (2020), is amended so that the Independent Audit Schedule frequency of Independent Audits required in the construction phase is:		Noted	C
	a)	an initial construction Independent Audit must be undertaken within 12 weeks of the notified commencement date of construction; and		The initial construction audit was undertaken on the 13 december 2022 and within 12 weeks of construction commencement	C
	b)	subsequent Independent Audits of construction must be undertaken at intervals, no greater than 26 weeks from the date of the initial construction Independent Audit.		This is the first audit.	NT
C39.		The Planning Secretary may require Independent Audits to be undertaken at different times to those specified above, upon giving at least eight weeks notice to the Applicant of the date upon which the Independent Audit must be commenced.		Noted	NT
C40		Independent Audits of the development must be carried out in accordance with:			C
	a)	the Independent Audit Schedule submitted to the Planning Secretary and the Certifier under condition C36 of this consent, as amended by condition C40; and	Audit Schedule	The audit has been carried out in accordance with the schedule	C
	b)	the Independent Audit Post Approval Requirements (2020).	Independent Audit Post Approval Requirements (2020).	The audit has been undertaken with reference to the PAR (2020).	C
C41.		In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Applicant must:			NT
	a)	review and respond separately to each Independent Audit Report prepared under condition C40 of this consent;		This is the first audit and this aspect had not occurred at the time of writing this audit report.	NT
	b)	submit the response to the Planning Secretary and the Certifier; and		This is the first audit and this aspect had not occurred at the time of writing this audit report.	NT
	c)	make each Independent Audit Report and response to it publicly available 60 days after submission to the Planning Secretary.		The 60 day period has not yet lapsed.	NT
C42.		Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approval Requirements (2020), unless otherwise agreed by the Planning Secretary.		The two month period had not yet lapsed.	NT
		Notwithstanding the requirements of the Independent Audit Post Approval Requirements (2020), the Planning Secretary may approve a request for ongoing operational Independent Audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that Independent Audits have demonstrated consistent operational compliance.		Noted	NT
<b>Light Rail Requirements</b>					
C44.		Construction vehicles must not stop or be parked on High Street adjacent to the development at any time without prior approval of TfNSW.	CTPMP	This is noted in the CTPMP.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
C45.		All piling and excavation works are to be supervised by a geotechnical engineer experienced with such excavation projects.	Douglas Partners inspection notes 15/7/2022, 10/10/2022, 15/11/2022, 25/11/2022,	Douglas partners have been supervising works as required as the geotechnical consultant for the site.	C
C46.		No rock anchors/bolts (temporary or permanent) are to be installed into the light rail corridor without prior approval from TfNSW.	Email approval from TfNSW for rock anchors.	Geotech has reviewed and certified the location of the rock anchors. Refer to B42 - excavation works and rock anchors, which triggered guideline B43.	C
C47.		No metal ladders, tapes and plant/machinery, or conductive material are to be used within six horizontal metres of any live electrical equipment unless a physical barrier such as a hoarding or structure provides separation.	Electrical safety procedure	JHG have a procedure for working near live electrical equipment. However there have been no ladders tapes or plant or machinery used within six metres of the live eletrcis in the rail corridor.	NT
C48.		All reasonable and feasible measures must be undertaken to prevent any form of pollution entering the light rail corridor during all stages of construction. The Applicant is responsible for removing and rectifying any issues as soon as practicable resulting from any pollution that arises as a consequence of the development activities.	Site visit	The site is fenced, there are waste bins, no construction rubbish observed in surrounding streets. Refer to photos from site visit 13/12/2022.	C
C49.		The Applicant must mitigate all noise and vibration during construction to the extent possible and provide vibration monitoring equipment and provide the results to the Sydney Light Rail Operator at intervals required by TfNSW and the Sydney Light Rail Operator, and immediately implement corrective actions in the event that the noise or vibration exceeds acceptable limits.	CNVMP Environmental Monitoring Summary –Sept - Oct 2022 (JHG) Environmental Monitoring Summary –Nov 2022 (JHG) NOISE & VIBRATION MONITORING ASSESSMENT REPORT (AMA November 2022)	Vibration monitoring is continuous with permanent logger stations on site. Exceedances have occurred on site on the 11, 26, 27 and 28 October. All exceedances were noted in the monitoring report as being attributed to movement associated with hoarding material ( ie the logger was knocked) and not due to vibratory works. No exceedances have been reocrded for November. Throughout the November noise monitoring period at SCH1/CCCC, measured noise levels did exceed the requirements of the ICNG Noise Management Level. However, there were no exceedances of the highly affected noise criteria. AMA noted that given the distance of the monitors to the earthworks and the relatively number of isolated exceedances and short durations that occurred throughout the entire monitoring period, during approved working hours, it is not considered that noise levels from the earthworks are significantly impacting on neighbouring properties. However, reasonable and feasible noise mitigation measures are being implemented on site and any complaints are registered.	C
C50.		Drainage from the development must be adequately disposed of/managed and not allowed to be discharged into the corridor unless prior approval has been obtained from TfNSW and the Sydney Light Rail Operator (or the delegated authority), including ensuring rainwater does not project and/or fall into the rail corridor/assets and is adequately conveyed by pipes down the face of the building which faces the rail corridor.	ESCP, Site Visit	Pits are covered, dewatering permit system in place that doesn't allow discharge to rail corridor.	C

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
C51.		No scaffolding is to be used within six horizontal metres of the rail corridor unless prior written approval has been obtained from the Sydney Light Rail Operator and TfNSW and a physical barrier such as a hoarding or structure provides separation. To obtain approval the Applicant will be required to submit details of the scaffolding, the means of erecting and securing this scaffolding, the material to be used, and the type of screening to be installed to prevent objects falling onto the rail corridor.	Not triggered	Scaffolding within the site, which is more than 6m from the rail corridor.	NT
C52.		The builder's direct contact number is to be provided to small businesses adjoining or impacted by the construction work and the Transport Management Centre and Transport for NSW (via development.sco@transport.nsw.gov.au) to resolve issues relating to traffic, public transport, freight, servicing and pedestrian access during construction in real time. The Applicant is responsible for ensuring the builder's direct contact number is current during any stage of construction.	Monthly construction update Dec 2022 (HI Communications)	Randwick Campus Redevelopment Community Notice monthly construction update. Prepared by HI Coms, sent to local residents and businesses. There is a contact number for complaints.	C
<b>Construction Traffic Management</b>					
C53.		The builder's direct contact number is to be provided to small businesses adjoining or impacted by the construction work and the Transport Management Centre and Transport for NSW (via development.sco@transport.nsw.gov.au) to resolve issues relating to traffic, public transport, freight, servicing and pedestrian access during construction in real time. The Applicant is responsible for ensuring the builder's direct contact number is current during any stage of construction.	Randwick Campus Redevelopment Community Notice - monthly by HI Coms.	Randwick Campus Redevelopment Community Notice monthly construction update. Prepared by HI Coms, sent to local residents and businesses. There is a contact number for complaints.	C
<b>Notification of Occupation</b>					
D1.		At least one month before commencement of operation, the date of commencement of the operation of the development must be notified to the Planning Secretary in writing. If the operation of the development is to be staged, the Planning Secretary must be notified in writing at least one month before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.	Not triggered		NT
<b>External Walls and Cladding</b>					
D2.		Prior to commencement of operation, the Applicant must provide the Certifier with documented evidence that the products and systems used in the construction of external walls including finishes and claddings such as synthetic or aluminium composite panels comply with the requirements of the BCA.	Not triggered		NT
D3.		The Applicant must provide a copy of the documentation given to the Certifier to the Planning Secretary within seven days after the Certifier accepts it.	Not triggered		NT
<b>Works as Executed Plans</b>					
D4.		Prior to the commencement of operation, works-as-executed drawings signed by a registered surveyor demonstrating that the stormwater drainage and finished ground levels have been constructed as approved, must be submitted to the Certifier.	Not triggered		NT
<b>Warm Water Systems and Cooling Systems</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
D5.		The installation of warm water systems and water cooling systems (as defined under the <i>Public Health Act 2010</i> ) must comply with the <i>Public Health Act 2010</i> , Public Health Regulation 2012 and Part 1 (or Part 3 if a Performance-based water cooling system) of <i>AS/NZS 3666.2:2011 Air handling and water systems of buildings – Microbial control – Operation and maintenance</i> and the NSW Health Code of Practice for the Control of Legionnaires' Disease.	Not triggered		NT
<b>Outdoor Lighting</b>					
D6.		Prior to the commencement of operation, the Applicant must submit evidence from a suitably qualified practitioner to the Certifier that demonstrates that installed lighting associated with the development achieves the objective of minimising light spillage to any adjoining or adjacent sensitive receivers and:	Not triggered		NT
	a)	complies with the latest version of AS 4282-2019 - <i>Control of the obtrusive effects of outdoor lighting</i> ; and	Not triggered		NT
	b)	has been mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network in accordance with AS 4282-2019 - <i>Control of the obtrusive effects of outdoor lighting</i> .	Not triggered		NT
<b>Mechanical Ventilation</b>					
D7.		Prior to commencement of operation, the Applicant must provide evidence to the satisfaction of the Certifier that the installation and performance of the mechanical ventilation systems complies with:	Not triggered		NT
	a)	AS 1668.2-2012 <i>The use of air-conditioning in buildings – Mechanical ventilation in buildings</i> and other relevant codes; and	Not triggered		NT
	b)	any dispensation granted by Fire and Rescue NSW.	Not triggered		NT
<b>Operational Noise - Design of Mechanical Plant and Equipment</b>					
D8.		Prior to the commencement of operation, the Applicant must submit evidence to the Certifier that the noise mitigation recommendations in the Acoustic Assessment Report prepared by Pulse Acoustic Consultancy and dated 20 April 2021 have been incorporated into the design to ensure the development will not exceed the recommended operational noise levels identified in that report.	Not triggered		NT
<b>Fire Safety Certification</b>					
D9.		Prior to commencement of occupation, a Fire Safety Certificate must be obtained for all the Essential Fire or Other Safety Measures forming part of this consent. A copy of the Fire Safety Certificate must be submitted to the relevant authority and Council. The Fire Safety Certificate must be prominently displayed in the building.	Not triggered		NT
<b>Structural Inspection Certificate</b>					
D10.		Prior to the commencement of occupation of the relevant parts of any new or refurbished buildings, a Structural Inspection Certificate or a Compliance Certificate must be submitted to the satisfaction of the Certifier. A copy of the Certificate with an electronic set of final drawings (contact approval authority for specific electronic format) must be submitted to the approval authority and the Council after:	Not triggered		NT

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	a)	the site has been periodically inspected and the Certifier is satisfied that the structural works is deemed to comply with the final design drawings; and	Not triggered		NT
	b)	the drawings listed on the Inspection Certificate have been checked with those listed on the final Design Certificate/s.	Not triggered		NT
<b>Compliance with Food Code</b>					
D11.		Prior to the commencement of operation, the Applicant is to obtain a certificate from a suitably qualified tradesperson, certifying that the kitchen, food storage and food preparation areas have been fitted in accordance with the AS 4674 <i>Design, construction and fit-out of food premises</i> and provide evidence of receipt of the certificate to the satisfaction of the Certifier.	Not triggered		NT
<b>Post-construction Dilapidation Report - Protection of Public Infrastructure</b>					
D12.		Prior to the commencement of operation, the Applicant must engage a suitably qualified and experienced expert to prepare a Post-Construction Dilapidation Report. This Report must:	Not triggered		NT
	a)	ascertain whether the construction works created any structural damage to public infrastructure by comparing the results of the Post-Construction Dilapidation Report with the Pre-Construction Dilapidation Report required by condition B6(b) of this consent;	Not triggered		NT
	b)	have, if it is decided that there is no structural damage to public infrastructure, the written confirmation from the asset owner (including Sydney Light Rail Operator and TfNSW) or public authority that there is no adverse structural damage to their infrastructure (including roads).	Not triggered		NT
	c)	be submitted to the Certifier;	Not triggered		NT
	d)	be forwarded to Council for information; and	Not triggered		NT
	e)	be provided to the Planning Secretary when requested.	Not triggered		NT
D13.		The post-construction dilapidation survey required to prepare the report for condition D12 must include a joint inspection with representatives from TfNSW, the Sydney Light Rail Operator and the Applicant. The dilapidation survey to be undertaken would encompass the rail infrastructure and property in the vicinity of the project. The dilapidation surveys will determine the extent of any damage and deterioration resulting from construction works. A copy of the report required by condition D12 must be submitted to TfNSW and the Sydney Light Rail Operator, unless otherwise notified by TfNSW.	Not triggered		NT
<b>Repair of Public Infrastructure</b>					
D14.		Unless the Applicant and the relevant public authority or asset owner (including Sydney Light Rail Operator and TfNSW) agree otherwise, the Applicant must:	Not triggered		NT
	a)	repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the construction works; and/or	Not triggered		NT
	b)	relocate, or pay the full costs associated with relocating any infrastructure that needs to be relocated as a result of the development; and/or	Not triggered		NT

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	c)	pay compensation for the damage as agreed with the owner of the public infrastructure.	Not triggered		NT
	Note	<i>This condition does not apply to any damage to roads caused as a result of general road usage or otherwise addressed by contributions of this consent.</i>	Not triggered		NT
<b>Road Damage</b>					
D15.		Prior to the commencement of operation, the repair or cost of repairing any damage caused to Council or other Public Authority's assets in the vicinity of the Subject Site as a result of construction works associated with the approved development must be met in full by the Applicant.	Not triggered		NT
<b>Post-construction Survey - Adjoining Properties</b>					
D16.		Where a pre-construction survey has been undertaken in accordance with condition B9, prior to the commencement of operation, the Applicant a post-construction survey must be undertaken by a suitably qualified and experienced expert and prepare a Post-Construction Survey Report. This Report must:	Not triggered		NT
	a)	document the results of the post-construction survey and compare it with the pre- construction survey to ascertain whether the construction works caused any damage to buildings surveyed in accordance with condition B9;	Not triggered		NT
	b)	be provided to the owner of the relevant buildings surveyed;	Not triggered		NT
	c)	be provided to the Certifier; and	Not triggered		NT
	d)	be provided to the Planning Secretary when requested.	Not triggered		NT
D17.		Where the Post-Construction Survey Report determines that damage to the identified property occurred as a result of the construction works, the Applicant must repair, or pay the full costs associated with repairing the damaged buildings, within an agreed timeline between the owner of the identified property, unless otherwise agreed by the Planning Secretary. Alternatively, the Applicant may pay compensation for the damage as agreed with the property owner.	Not triggered		NT
<b>Car Prking Arrangements</b>					
D18.		Prior to the commencement of operation or other timeframe agreed in writing by the Planning Secretary, evidence must be submitted to the Certifier that demonstrates that a dynamic wayfinding system (or similar measures that would deliver at least 65 additional spaces) has been installed in the main hospital carpark. Evidence is to be provided to the satisfaction of the Certifier that the changes have resulted in efficiencies that effectively deliver at least an additional 65 car parking spaces on the Randwick Hospitals campus.	Not triggered		NT
<b>Bicycle Parking and End-of-trip Facilities</b>					
D19.		Prior to occupation, compliance with the following requirements for secure bicycle parking and end-of-trip facilities must be submitted to the satisfaction of the Certifier:	Not triggered		NT
	a)	the provision of at least 20 visitor bicycle parking spaces at ground level in close proximity to the building entrances;	Not triggered		NT

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	b)	the delivery of at least 200 staff bicycle parking spaces on the Hospital campus, within 200 metres walking distance of the proposed building, and available to all staff in the building;	Not triggered		NT
	c)	the layout, design and security of bicycle facilities must comply with the minimum requirements of the latest version of AS 2890.3:2015 <i>Parking facilities - Bicycle parking</i> ;	Not triggered		NT
	d)	a minimum of 50 per cent bicycle parking must also be designed to be able to accommodate some larger heavier electric bikes and cargo bikes;	Not triggered		NT
	e)	the provision of associated end-of-trip facilities for staff, including lockers and showers;	Not triggered		NT
	f)	appropriate pedestrian and cyclist advisory signs are to be provided; and	Not triggered		NT
	g)	all works/regulatory signposting associated with the proposed developments must be at no cost to the relevant roads authority.	Not triggered		NT
D20.		Prior to occupation, the Applicant must demonstrate that the pathway to the bicycle parking facilities required by condition D19 is accessible and safe and ease of access to the facilities is demonstrated in the design. Details of the pathway and all pedestrian and cyclist advisory signs are must be submitted to the satisfaction of the Planning Secretary.	Not triggered		NT
<b>Green Travel Plan</b>					
D21.		Prior to the commencement of operation, the Applicant must prepare an updated campus-wide Green Travel Plan (GTP) to promote the use of active and sustainable transport modes and a copy be provided to the Planning Secretary for information and to TfNSW via <a href="mailto:development.sco@transport.nsw.gov.au">development.sco@transport.nsw.gov.au</a> . The GTP must:	Not triggered		NT
	a)	be prepared by a suitably qualified traffic consultant in consultation with Council and (Sydney Coordination Office) Transport for NSW;	Not triggered		NT
	b)	set out key objectives including measurable targets for sustainable transport mode shares for public and active transport use for staff and visitors, including:	Not triggered		NT
		(i) ensuring any existing objectives and targets for the campus-wide GTP arising from the approval for the Integrated Acute Service Building will still be met; and	Not triggered		NT
		(ii) in addition, achieve a driver mode share of no more than 42.7 per cent by 2031;	Not triggered		NT
	c)	consider site specific issues of travel to hospital facilities for children;	Not triggered		NT
	d)	include updated bus network arrangements;	Not triggered		NT
	e)	include a communication strategy and Travel Access Guide;	Not triggered		NT
	f)	include details of cycling permeability and casual bike parking locations within the hospital campus, including the new developments;	Not triggered		NT
	g)	include specific tools and actions to help achieve the objectives and mode share targets;	Not triggered		NT

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
	h)	include measures to promote and support the implementation of the plan, including financial and human resource requirements, roles and responsibilities for relevant employees involved in the implementation of the GTP; and	Not triggered		NT
	i)	include details regarding the methodology and monitoring/review program to measure the effectiveness of the objectives and mode share targets of the GTP/, including the frequency of monitoring and the requirement for travel surveys to identify travel behaviours of users of the development.	Not triggered		NT
D22.		Prior to the commencement of operation, the nominated employee(s) of the health services facility responsible for implementing the GTP and its ongoing review must be provided to Transport for NSW and the Planning Secretary for information	Not triggered		NT
<b>Aboriginal Heritage Interpretation Plan</b>					
D23.		The Applicant must submit an Aboriginal Heritage Interpretation Plan based on the above consultation to the satisfaction of the Planning Secretary. The plan must:	Not triggered		NT
	a)	be prepared by a suitably qualified and experienced expert in consultation with the Aboriginal Community;	Not triggered		NT
	b)	include provision for naming elements, artwork, landscaping and other measures within the development that acknowledges the site's heritage; and	Not triggered		NT
	c)	incorporates interpretive information on the site	Not triggered		NT
<b>Amalgamation, Easement and Public Access</b>					
D24.		Prior to occupation, the site must be amalgamated into a single allotment.	Not triggered		NT
<b>Utilities and Services</b>					
D25.		Prior to commencement of operation, the Applicant must obtain a Compliance Certificate for water and sewerage infrastructure servicing of the site under section 73 of the <i>Sydney Water Act 1994</i> . Roadworks and Access	Not triggered		NT
<b>Stormwater Operation and Maintenance Plan</b>					
D26.		Prior to the commencement of operation, an Operation and Maintenance Plan (OMP) is to be submitted to the satisfaction of the Certifier. The OMP must ensure the proposed stormwater quality measures remain effective and contain the following:	Not triggered		NT
	a)	maintenance schedule of all stormwater quality treatment devices;	Not triggered		NT
	b)	record and reporting details;	Not triggered		NT
	c)	relevant contact information; and	Not triggered		NT
	d)	Work Health and Safety requirements.	Not triggered		NT
<b>Signage</b>					
D27.		Prior to the commencement of operation, way-finding signage must be installed.	Not triggered		NT
D28.		Prior to the commencement of operation, bicycle way-finding signage must be installed within the site to direct cyclists from footpaths to designated bicycle parking areas.	Not triggered		NT

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
D29.		Details of the final building identification signage (design, content and illumination) within the approved signage zones are to be submitted to the satisfaction of the Planning Secretary prior to the installation and display of any signage. The signage is to be installed prior to commencement of operation.	Not triggered		NT
<b>Operational Waste Management Plan</b>					
D30.		Prior to the commencement of operation, the Applicant must prepare a Waste Management Plan for the development and submit it to the Certifier. The Waste Management Plan must:	Not triggered		NT
	a)	detail the type and quantity of waste to be generated during operation of the development;	Not triggered		NT
	b)	describe the handling, storage and disposal of all waste streams generated on site, consistent with the <i>Protection of the Environment Operations Act 1997, Protection of the Environment Operations (Waste) Regulation 2014</i> and the <i>Waste Classification Guideline</i> (Department of Environment, Climate Change and Water, 2009);	Not triggered		NT
	c)	detail the materials to be reused or recycled, either on or off site;	Not triggered		NT
	d)	incorporate measures to reduce food waste generation (including composting or similar arrangements or innovative food waste collection); and	Not triggered		NT
	e)	include the Management and Mitigation Measures included in the EIS Appendix V.	Not triggered		NT
<b>Site Audit Statement</b>					
D31.		Prior to the commencement of operation, the Applicant must submit a Section A1 Site Audit Statement or a Section A2 Site Audit Statement accompanied by an Environmental Management Plan prepared by a NSW EPA accredited Site Auditor. The Section A1 or A2 Site Audit Statement must verify the relevant part of the site is suitable for the intended land use and be provided, along with any Environmental Management Plan to the Planning Secretary and the Certifier.	Not triggered		NT
<b>Landscaping</b>					
D32.		Prior to the commencement of operation, landscaping of the site must be completed in accordance with landscape plan(s) approved under condition B31.	Not triggered		NT
D33.		Prior to the commencement of operation, the Applicant must prepare a Landscape Management Plan to manage the revegetation and landscaping on-site, to the satisfaction of the Certifier. The plan must describe the ongoing monitoring and maintenance measures to manage revegetation and landscaping.	Not triggered		NT
<b>Operational Flood Emergency Management Plan</b>					
D34.		Prior the commencement of the operation, a Flood Emergency Management	Not triggered		NT
	a)	is be prepared by a suitably qualified and experienced person(s);	Not triggered		NT
	b)	addresses the provisions of the <i>Floodplain Risk Management Guidelines</i> (EESG);	Not triggered		NT
	c)	includes details of:	Not triggered		NT

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
		(i) the flood emergency responses for operational phase of the development;	Not triggered		NT
		(ii) predicted flood levels;	Not triggered		NT
		(iii) flood warning time and flood notification;	Not triggered		NT
		(iv) assembly points and evacuation routes;	Not triggered		NT
		(v) evacuation and refuge protocols; and	Not triggered		NT
	d)	awareness training for employees and contractors, and visitors.	Not triggered		NT
<b>Flood Protection</b>					
D35.		Prior the commencement of operation, the Applicant must demonstrate to the satisfaction of the Certifier that all relevant flood protection measures, including the flood barriers and measures set out in the Flood Modelling Assessment report prepared by Meinhardt Bonacci dated August 2021, are in place and the development is protected from potential flooding impacts.	Not triggered		NT
<b>Access</b>					
D36.		Prior to the commencement of operation, the Applicant must demonstrate to the satisfaction of the Certifier that safe vehicular access is available to the site in accordance with all recommendations and findings of the Road Safety Audit required by condition B36, including any necessary measures identified on the adjoining sites.	Not triggered		NT
<b>Reflectivity Report</b>					
D37.		Prior to the commencement of operation, the Applicant must demonstrate that lights, signs and reflective materials, whether permanent or temporary, which are (or from which reflected light might be) visible from the rail corridor were installed limiting glare and reflectivity to the satisfaction of TfNSW, Altrac and the Sydney Light Rail Operator.	Not triggered		NT
<b>Operation of Plant and Equipment</b>					
E1.		All plant and equipment used on site must be maintained in a proper and efficient condition operated in a proper and efficient manner.	Not triggered		NT
<b>Warm Water Systems and Cooling Systems</b>					
E2.		The operation and maintenance of warm water systems and water cooling systems (as defined under the Public Health Act 2010) must comply with the Public Health Act 2010, Public Health Regulation 2012 and Part 2 (or Part 3 if a Performance-based water cooling system) of AS/NZS 3666.2:2011 Air handling and water systems of buildings – Microbial control – Operation and maintenance and the NSW Health Code of Practice for the Control of Legionnaires' Disease.	Not triggered		NT
<b>Heritage Interpretation Plan</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
E3.		The operator must implement the most recent version of the Aboriginal Heritage Interpretation Plan approved under condition D22.	Not triggered		NT
<b>Operational Noise Limits</b>					
E4.		The operator must ensure that noise generated by operation of the development does not exceed the noise limits in Acoustic Assessment Report prepared Pulse Acoustic Consultancy and dated 20 April 2021.	Not triggered		NT
E5.		The operator must undertake short term noise monitoring in accordance with the <i>Noise Policy for Industry</i> where valid data is collected following the commencement of use of each stage of the development. The monitoring program must be carried out by an appropriately qualified person and a monitoring report must be submitted to the Planning Secretary within two months of commencement use of each stage of the development to verify that operational noise levels do not exceed the recommended noise levels for mechanical plant identified Acoustic Assessment Report prepared by Pulse Acoustic Consultancy and dated 20 April 2021. Should the noise monitoring program identify any exceedance of the recommended noise levels referred to above, the operator is required to implement appropriate noise attenuation measures so that operational noise levels do not exceed the recommended noise levels or provide attenuation measures at the affected noise sensitive receivers.	Not triggered		NT
<b>Unobstructed Driveways and Parking Areas</b>					
E6.		All driveways, footways and parking areas must be unobstructed at all times. Driveways, footways and car spaces must not be used for the manufacture, storage or display of goods, materials, refuse, skips or any other equipment and must be used solely for vehicular and/or pedestrian access and for the parking of vehicles associated with the use of the premises.	Not triggered		NT
<b>Bicycle Parking and End-of-Trip Facilities</b>					
E7.		The operator must ensure that all staff are able to access the bicycle parking facilities required by condition D19. The Planning Secretary must be notified of, and provided with details, of any changes to access arrangements, which must be implemented as soon as reasonably practicable.	Not triggered		NT
<b>Green Travel Plan</b>					
E8.		The Green Travel Plan required by condition D21 of this consent must be updated annually and implemented unless otherwise agreed by the Planning Secretary.	Not triggered		NT
E9.		A copy of the annual review of the Green Travel Plan required by condition D21 of this consent must be submitted to the Planning Secretary until otherwise agreed by the Planning Secretary.	Not triggered		NT
E10.		Any changes to the nominated employee(s) responsible for implementing the GTP must be provided to Transport for NSW and the Planning Secretary prior to the annual review of the GTP.	Not triggered		NT
<b>Ecologically Sustainable Development</b>					

Condition of Consent	Part/ Sub-Part	Condition	Evidence Collected	Comment	Audit Status
E11.		Unless otherwise agreed by the Planning Secretary, within six months of commencement of operation the Certifier and Planning Secretary are to be provided with a report from the operator by a suitably qualified and experienced expert demonstrating that the project attains the minimum number of ESD points as required by condition B12 of this consent.	Not triggered		NT
<b>Outdoor Lighting</b>					
E12.		Notwithstanding condition D6, should outdoor lighting result in any residual impacts on the amenity of surrounding sensitive receivers, the operator must provide mitigation measures in consultation with affected landowners to reduce the impacts to an acceptable level.	Not triggered		NT
<b>Landscaping</b>					
E13.		The operator must maintain the landscaping and vegetation on the site in accordance with the approved Landscape Management Plan required by condition D32 for the duration of occupation of the development.	Not triggered		NT
<b>Dangerous Goods</b>					
E14.		Dangerous goods, as defined by the Australian Dangerous Goods Code, must be stored and handled strictly in accordance with all relevant Australian Standards.	Not triggered		NT

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre

## Appendix C Site Photos



Nurse station



Covered pits along High Street with sediment controls. Located between the site hoarding and the flood protection wall.



Fenced walkway within the site and the flood protection wall erected along High Street (pictured right).

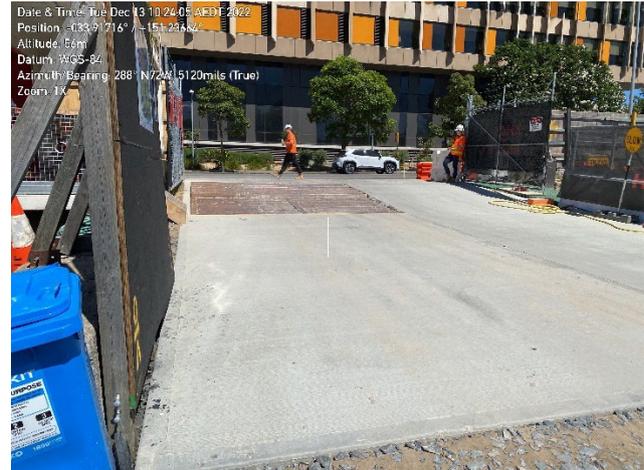


Compacted soil in the background. Geotextile-lined soil in the foreground. Waste station with receptacles in the centre of the image.

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



Covered pits and hoarding. The blue noise blanket erected on the hoarding can be seen in the background of the image.



Site access from Botany Street. Rumble Grid visible for site egress.



Extensive rock rip rap at site ingress/egress.



Spill kit (blue bin) at site access and construction vehicle car park (background).



Material stockpiles behind hoarding.



Bunded containers for storage.

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



Plant with identifier and DAMASTRA QR code.

On-site signage.



Spill kit with clear details on the front. This one is located at the Botany Street access.

Bunded container storage.

Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre



Construction vehicle parking.



On-site noticeboard.



Security fence and hoarding along Botany Street with traffic controls along road.



Site signage erected at the construction access point from Botany Street.

## **Appendix D Audit Consultation**

**From:** [Liam Stanley](#)  
**To:** [Natascha Arens](#)  
**Cc:** [Nicola Smith](#)  
**Subject:** RE: Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Independent audit  
**Date:** Friday, 16 December 2022 9:06:23 AM  
**Attachments:** [image005.png](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)

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Hi Natascha,

Thanks for your email.

I'll confirm with Council's internal departments and get back to you if there are any requested focus areas. More generally, we have found interactions to date with HI and JHG (along with PWC) to be positive and constructive.

I'll be in touch next week.

With thanks,

**Liam Stanley**  
**Senior Strategic Planner**  
**Randwick City Council**  
**(02) 9093 6679**  
[Liam.Stanley@randwick.nsw.gov.au](mailto:Liam.Stanley@randwick.nsw.gov.au)  
[www.randwick.nsw.gov.au](http://www.randwick.nsw.gov.au)



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**From:** Natascha Arens <natascha.a@nghconsulting.com.au>  
**Sent:** Friday, 16 December 2022 8:59 AM  
**To:** Liam Stanley <Liam.Stanley@randwick.nsw.gov.au>  
**Cc:** Nicola Smith <nicola.s@nghconsulting.com.au>  
**Subject:** Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Independent audit

Good Morning Liam

I am the Department of Planning and Environments approved Independent Auditor as required under SSD-10831778 condition of consent C36. The audit team consists of myself and Nicola Smith. We are currently in the process of undertaking the first audit of the project as required by condition C38. As part of this process I am seeking input from relevant agencies. I have noted that there has been consultation with council by the construction contractor JHG and HI has been undertaking during the preparation of the EIS and planning stages as well as in the lead up to construction and at construction commencement.

The audit scope and associated report includes:

- a review of all relevant conditions and an assessment of compliance with each condition
- a summary of the findings undertaken during the assessment of all conditions
- assessment of the environmental performance of the development, and its effects on the surrounding environment including the community
- a review the adequacy of any management plans and other documents required under the consent
- recommendations to improve the environmental performance of the development, and improvements to any document required under this consent.

Is there any aspect of the project that council would like us to focus on?

**NATASCHA ARENS**  
**SYSTEMS MANAGER**

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[natascha.a@nghconsulting.com.au](mailto:natascha.a@nghconsulting.com.au)  
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2010



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**From:** [Bilal Zreika](#)  
**To:** [Natascha Arens](#)  
**Cc:** [Nicola Smith](#)  
**Subject:** RE: Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Independent audit  
**Date:** Wednesday, 11 January 2023 8:05:07 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[image007.png](#)

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Hi Natascha,

Apologies for the delayed response however I was on extended leave.

May I suggest we arrange a meeting tomorrow via Teams to discuss the matter? I have 3 -3:30 available.

Regards

**Bilal Zreika**

Light Rail Interface Manager  
Public Transport Contracts and Partnerships  
Greater Sydney  
**Transport for NSW**

M 0409 078 387 E [bilal.m.zreika@transport.nsw.gov.au](mailto:bilal.m.zreika@transport.nsw.gov.au)

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Level 7, 231 Elizabeth St  
Sydney NSW 2000



**Transport  
for NSW**



I acknowledge the Aboriginal people of the country on which I work, their traditions, culture and a shared history and identity. I also pay my respects to Elders past and present and recognise the continued connection to country.

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**From:** Natascha Arens <[natascha.a@nghconsulting.com.au](mailto:natascha.a@nghconsulting.com.au)>  
**Sent:** Friday, 16 December 2022 9:03 AM  
**To:** Bilal Zreika <[bilal.m.zreika@transport.nsw.gov.au](mailto:bilal.m.zreika@transport.nsw.gov.au)>  
**Cc:** Nicola Smith <[nicola.s@nghconsulting.com.au](mailto:nicola.s@nghconsulting.com.au)>  
**Subject:** Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Independent audit

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Good Morning Bilal

I am the Department of Planning and Environments approved Independent Auditor as required under SSD-10831778 condition of consent C36. The audit team consists of myself and Nicola Smith. We are currently in the process of undertaking the first audit of the project as required by condition C38. As part of this process I am seeking input from relevant agencies. I have noted that there has been consultation with TfNSW during the preparation of the EIS and planning stages as well as in the lead up to construction and at construction commencement.

The audit scope and associated report includes:

- a review of all relevant conditions and an assessment of compliance with each condition
- a summary of the findings undertaken during the assessment of all conditions
- assessment of the environmental performance of the development, and its effects on the surrounding environment including the community
- a review the adequacy of any management plans and other documents required under the consent
- recommendations to improve the environmental performance of the development, and improvements to any document required under this consent.

Is there any aspect of the project that TfNSW would like us to focus on?

Regards

**NATASCHA ARENS**  
**SYSTEMS MANAGER**

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**From:** [Natascha Arens](#)  
**To:** [DPE PSVC Compliance Mailbox](#)  
**Cc:** [Nicola Smith](#)  
**Subject:** Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre Independent audit - SSD-10831778  
**Date:** Friday, 16 December 2022 9:05:08 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

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I am the approved independent auditor for the above project (SSD-10831778). The scope of this audit will broadly include:

- Conditions of consent applicable to the construction phase of the project
- All post approval documents required by the conditions of consent (e.g. implementation of Environmental management plans and sub plans)
- All environmental licences and approvals applicable to the development
- An assessment of the environmental performance of the development
- A high-level review of the project's EMPs

As required by the Independent Audit Post Approvals Requirements (2020), I am consulting with relevant stakeholders. Are there any other matters that the Department would like addressed as part of this first compliance audit?

Kind regards

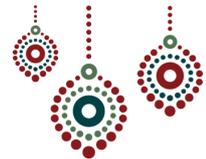
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**SYSTEMS MANAGER**

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## **Appendix E Statement of Independence**

## Appendix E – Independent Audit Report Declaration Form Template

### Independent Audit Report Declaration Form

Project Name	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre
Consent Number	SSD-10831778
Description of Project	Sydney Children's Hospital Stage 1 and Minderoo Children's Comprehensive Cancer Centre
Project Address	Prince of Wales Hospital Campus, High Street, Randwick
Proponent	Health Administration Corporation
Title of Audit	Sydney Children's Hospital Stage 1 and CCCC Independant Environmental Audit Cancer Centre
Date	1August 2022

I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:

- i. the audit has been undertaken in accordance with relevant condition(s) of consent and the *Independent Audit Compliance Requirements (Department 2019)*;
- ii. the findings of the audit are reported truthfully, accurately and completely;
- iii. I have exercised due diligence and professional judgement in conducting the audit;
- iv. I have acted professionally, objectively and in an unbiased manner;
- v. I am not related to any proponent, owner or operator of the project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child;
- vi. I do not have any pecuniary interest in the audited project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;
- vii. neither I nor my employer have provided consultancy services for the audited project that were subject to this audit except as otherwise declared to the Department prior to the audit; and
- viii. I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so.

Notes:

- a) Under section 10.6 of the *Environmental Planning and Assessment Act 1979* a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and
- b) The *Crimes Act 1900* contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both)

Name of Auditor Natascha Arens

Signature



Qualification BAppSc MEBM Exemplar certified lead auditor

Company NGH Pty Ltd

Company Address 17/21 Mary Street Surry Hills NSW 2010