

26 February 2021

Department Planning & Environment  
Sydney NSW 2000  
Issued by email - [compliance@planning.nsw.gov.au](mailto:compliance@planning.nsw.gov.au)

Dear Sir/Madam,

**RE: Stage 2 of the Hornsby Ku-ring-gai Hospital Redevelopment. SSD8647 Condition B41 Independent Environmental Auditor**

On behalf of Health Infrastructure (HI), I write to you in relation to satisfying Condition B41 Independent Environmental Auditor.

In accordance with Condition B41, Independent Environmental Auditor, please find accompanying this cover letter the sixth Independent Environmental Audit Report for the Hornsby Ku-ring-gai Hospital Redevelopment Stage 2 – *Appendix A*. The Independent Environmental Audit was undertaken on 14 December 2020 in accordance with the SSD Conditions and in line with the Environmental Audit Schedule issued to the Department of Planning, Industrial and Environment in a letter dated 20 March 2019. Refer to *Appendix B* for the Environmental Audit Schedule.

No non-conformances were identified during the Environmental Audit. However, two Opportunities for Improvement (OFI) were identified within Section 4.2 of the Independent Environmental Audit Report. The Close Out Comments for the two OFIs are provided in the table below.

Finding No.	Ref.	Finding	Comment/Recommendation	Close Out Comments
OFI-01	SSD Cl. A1 & C19 (Checklist Items 2.10 & 4.40)	<u>Erosion and Sediment Control</u> ErSed Controls were observed during site visit, e.g. sandbags around drains and slit fences. However, no controls were installed around a small stockpile close to the site office. It is noted that no live stormwater drains were close to the stockpile.	It is recommended that additional Erosion and Sediment controls are added around a small stockpile that resulted from retaining wall works recently built close to the site office. installed around the stockpile to address this issue.	Photo evidence was submitted by Watpac shortly after the audit showing environmental controls and AQUAS have confirmed item has been <b>closed out</b> . Refer email thread (Appendix C).

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Finding No.	Ref.	Finding	Comment/Recommendation	Close out Comments
OFI-02	SSD Cl. C27 (Checklist Item 5.9)	<u>Access to Information</u> Sighted in HI website for the HKH2 project – the noise and water monitoring results are now published. However, other information required is now not included, e.g. the CEMP and other sub-plans, the Complaints Register, Audit report for Independent Audit 5, and other.	It is recommended that all the information listed in SSD Clause C27 be published in the Project website as required.	Information has since been uploaded to the HI HKH website, AQUAS have confirmed this item is close. Refer email thread (Appendix D).

Yours sincerely



Antony Giorgini  
**Associate Project Director**

#### *Appendices*

- *Appendix A – Independent Environmental Audit*
- *Appendix B – Proposed Environmental Audit Schedule (Rev.02 – Feb 19)*
- *Appendix C – OFI-01 Close Out Email Thread*
- *Appendix D – OFI-02 Close Out Email Thread*

## **Appendix A - Independent Environmental Audit**



## Hornsby Ku-Ring-Gai Hospital Redevelopment Stage 2 Environmental Audit No. 6



### Assessment of Watpac's Environmental Management System Compliance Against ISO14001: 2015 and Project Conditions of Consent

Audit Reference:	<b>AQ1236.06</b>
Audit Organisation:	<b>Watpac Pty Ltd</b>
Auditor:	<b>Luis Garzon, AQUAS</b>
Date of Audit:	<b>14 December 2020</b>
Draft Report Submitted:	<b>19 January 2021</b>
Final Report Submitted:	<b>27 January 2021</b>

# Amendment, Distribution & Authorisation Record

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This report has been prepared and reviewed in accordance with our Quality control system.

This report has been prepared by:

**Luis Garzon**  
Environmental Auditor

Date: 27/01/2021

This report has been reviewed by:

**Ana Maria Munoz**  
Environmental Auditor

Date: 27/01/2020

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## 1. Executive Summary

This independent environmental audit was conducted to review the implementation of Watpac's Environmental Management System against the requirements of the AS/NZS ISO 14001: 2015 Standard and the requirements of the Project Development Consent SSD 8647. The audit was conducted by AQUAS on 14<sup>th</sup> December 2020.

This report details the findings of the sixth Environmental audit of the construction works undertaken by Watpac for the Hornsby Ku-Ring-Gai Hospital Redevelopment Stage 2. Construction activities since the previous Environmental audit included:

### Main Stage 2 Building South

- Level 1 Temp PECC area – FFE and handrail installation
- Level 3 – final patching and painting
- Level 4 – FFE installation and defects
- Level 5 – No works as site amenities are located here.
- Lifts C1 and C2 being commissioned
- Levels 2, 6 and Helipad are complete

### Main Stage 2 Building North

- Level 3 – final patching and painting
- Level 4 – FFE installation and defects
- Level 5 – Ceiling tile installation
- Stair 4 trimming installation on top of steel structure
- Levels 0-2 and 6 are Complete

### Milestone 3 – Front of House/ ED extension

- ED extension – wall sheeting
- Former Paediatrics – high level services install, wall sheeting and in ground services rectification
- Allied Paediatrics – Noggin install and rough-in
- ME offices – Wall sheeting and noggins install
- Main Entry – Roof install

### Milestone 5

- HAZMAT removal in Building 13 and 43
- Soft demolition of Buildings 1 and 2

Watpac, as the nominated Principal Contractor for the project, has the responsibility for the management of environmental aspects associated with the construction works.

The audit confirmed that Watpac continues to address the requirements of the Conditions of Consent and implement the required environmental controls for current site activities. Compliance with the obligations was demonstrated through the availability of environmental documentation and records which included Crown Certificates, inspection reports, registers, correspondence, performance reports and other. Environmental documentation was available, including the Project Environmental Management Plan Rev. 6 (Dec 2019), Noise and Vibration, Erosion and Sedimentation, Waste, Traffic Management Plans, Asbestos Removal Control Plan and other sub-Plans. There was evidence of inductions and regular toolbox talks to maintain environmental awareness of all workers at the site.

Implementation of environmental controls was observed during the site inspection, which included erosion and sedimentation measures within construction areas, site signage in relevant locations, noise monitoring, waste bins in various locations, traffic controls, ongoing site monitoring and tree protection.

Communications continue to be in place with the Hospital, relevant stakeholders and the community, as required. Watpac has continued to prepare Construction Compliance Reports, with the latest submitted by HI to the Department of Planning on 22 September 2020.

No environmental incidents have occurred during the audited period, and no non-conformances have been raised. The audit identified two (2) opportunities for improvement regarding erosion and sedimentation controls and website project information. The details of the audit process and findings are detailed in the following sections of this report.



## 2. Audit Scope and Objectives

### 2.1 Objective and scope of this Audit

This audit was conducted to confirm compliance of the Watpac Project Environmental Management Plan and its implementation against the requirements of the Standard AS/NZS ISO 14001:2015 and applicable requirements of the Development Consent SSD 8647 for the Hornsby Ku-Ring-Gai Hospital Stage 2 Redevelopment Project.

### 2.2 Scope of Audit

The audit reviewed Watpac's implementation of their Environmental Management System for the construction activities currently taking place as part of the Hospital Stage 2 redevelopment project.

### 2.3 Date and Location of Audit

The audit was conducted on 14 December 2020 at the Hornsby Ku-Ring-Gai Hospital Stage 2 site office – Palmerston Rd, Hornsby NSW 2077.

## 3. Audit Methodology

### 3.1 Opening Meeting

An opening meeting was held with personnel from APP Corporation, Watpac and AQUAS as per the Audit Attendance Sheet (see **Appendix A**) on 14 December 2020 at 8:40am.

Key items were discussed as follows:

- Confirmation of the purpose and scope of the audit.
- Overview of the Project and current status of the works.
- Occurrence of Environmental incidents.
- Overview of the audit process in accordance with the proposed Audit Program.

### 3.2 Audit Process

The audit commenced with a site walk where status of construction works and relevant environmental controls in place were observed. The site walk was followed by review of records and general discussions with Watpac staff for verification of the Environmental Management System implementation on the project.

Name and position of persons interviewed:

Name	Organisation	Position
Mark Cahalin	Watpac	Project Manager
Helena Veljovic	Watpac	Building Cadet / PEO
Yianni Venetis	APP	Project Manager

Details of the outcomes of the review can be found in the completed Audit Checklist (see **Appendix B**).

### 3.3 Audit Criteria

The following audit criteria/ratings were used for the rating of audit findings.

Audit Findings Rating	
N-Major	– Major Non-Conformance
N-Minor	– Minor Non-Conformance
OFI	– Opportunity for Improvement
NA	– Not Triggered/Not Applicable

### 3.4 Closing Meeting

The closing meeting was held on 14 December 2020 at 2:20pm with representatives of APP Corporation, Watpac and AQUAS. General feedback and the findings of the audit were discussed during the closing meeting.

AQUAS auditors acknowledged the cooperation, openness and hospitality of Watpac staff during the conduct of this audit.

## 4. Audit Findings

### 4.1 Audit Overview

The audit determined that Watpac has well implemented controls for environmental management within the construction activities currently being undertaken. Two opportunities for improvement (OFI) were raised during this audit. The following is an overview of key Environmental areas reviewed in this audit:

#### 4.1.1 Environmental Policy

- The HSEQ Policy is in place (last reviewed on 8 November 2019), has been communicated to all personnel and is available on the Watkins internal website and Watpac website.
- The Project Environmental Management Plan (PEMP) – December 2019 (Rev.6) has been implemented to minimise and control any harm to the environment. The Plan outlines environmental objectives and targets which are to be monitored through inspections and audits.

#### 4.1.2 Leadership, Planning and Resources

- The organisational chart was included in the latest update of the Project Management Plan – Rev. 4 of August 2020.
- Roles and responsibilities are defined in the PEMP section 3.2.1.
- The contractor has generally maintained environmental controls onsite, as seen during the site walk. However, additional Erosion and Sediment controls could be added around a small stockpile that resulted from works on a retaining wall recently built close to the site office – **OFI-01**.
- The PEMP contains detailed information of the relevant environmental aspects, impacts and controls. The environmental risk assessment is still at the first revision (12 March 2017) and it gets reviewed at every milestone of the project. There have been changes in the work environment but the risks and controls outlined in the risk assessment are still deemed to be relevant.
- A legal requirements register continues to be in place, the aspects identified in the PEMP have a section where legal requirements are referenced. No major changes have been identified.
- There has been a new change in the SSD Conditions – Modification 4 (MOD 4) was approved by the Department on the 18 November 2020 with changes to the Emergency Department façade.
- Documentation for the cooling towers including tests and a Risk Management Plan has been registered with Council.

#### 4.1.3 Support

- Project site inductions continue to be delivered to Watpac staff and subcontractors. Induction contains awareness of environmental measures to be considered during construction.
- Toolbox Talks and pre-starts continue to be conducted to maintain ongoing awareness of safety and environmental matters onsite. A contractor training was delivered on led and asbestos for Milestone 4.
- Internal and external communications continue to be managed through emails, subcontractor and client meetings, Aconex transmittals, etc. Community communications, e.g. letterbox drops have been delivered to neighbours for extended working hours.
- The current PEMP is Revision 6 of December 2019. Other sub-plans remain in place e.g. Noise and Vibration Management Plan, Waste Management Plan and Traffic and Pedestrian Management Plan.
- Relevant environmental records are maintained in different ways, e.g. hard copies in folders, stored in the Aconex System, Watkins and 3D safety App and/or filed in the office shared drive.

#### 4.1.4 Operation

- Maintenance of plant and equipment used onsite continue to be controlled through the mobile 3D safety App. Service. Sighted documentation for the Merlo Telehandler YG 52 seen onsite.
- Site signage was installed in various locations with all the project required information.
- A dilapidation report by Cardno for the new access road (council access) was completed on 24<sup>th</sup> January 2020.
- Substation works are completed and the substation was handed over and became an Ausgrid asset. The deed of agreement for lease sent by Ausgrid on 17/07/20 was sighted.
- Protection for trees on Palmerston Road was observed.
- Noise monitoring readings continue to be undertaken as part of weekly inspections.
- Waste Diversion Report for Hornsby Hospital November 2020 was available – Recovered 92% of waste (target is above 80%).
- Bins and containers for different waste types were available throughout the site.
- Water discharges have not been required during the audited period, however the Water Meter Report Card template has been updated to include the location where the water is being taken from, as per previous audit improvement opportunity.
- Some inground services works were conducted in the Emergency Department extension site and samples were taken to review for asbestos, but results came back negative.
- Notification to SafeWork NSW “Notice of intention to remove asbestos” has been sent on 12/11/20 for buildings 1, 2, 13 & 43. Removal works will commence in the coming months.
- The perimeter of the project site is fenced and is monitored for graffiti and advertising material.
- Lay down area on Derby road has a caged area for jerry cans and there is a spill kit available within close proximity.
- TMPs have been developed for access to buildings 13, 43, Milestone 3 and Emergency Dept car park.
- Emergency Response Plan Rev. 10 of 3/12/20 was updated with staff changes. Fire warden training was conducted for Watpac staff by Pinnacle on 22/10/20.

#### 4.1.5 Performance Evaluation

- Environmental inspections are conducted by the contractor weekly. Inspection reports were

available including photos of controls in place during each inspection. Sighted inspection conducted on 25/09/2020 and 14/12/2020.

- The Contractor's Monthly PCG Report for November 2020 was available. Section 8 has summary of environmental results.
- The latest Construction Compliance Report was prepared on the 17 September 2020 and submitted to the DPIE on 22/09/2020.
- Information about the HKH2 project is published in the HI Website. However, not all the information required by SSD condition C27 is included, e.g. the CEMP, the Complaints Register, Audit report for Independent Audit 5, and other – **OFI-02**.

#### 4.1.6 Improvement

- The Non-conformance Register continue to be in place, corrective actions for quality, safety and environmental issues have been raised and actioned, as necessary.
- No environmental incidents or non-compliances have been identified so far in the project.
- A Project Complaint Register continue to be maintained and details about complaints have been recorded including resolution reached. Six new complaints have been recorded since the last independent audit.
- The 24-hour enquiries number and email address continue to be available for the community.

#### 4.2 Review of Previous Audit Findings

Audit findings were reviewed in detail with Watpac and AQUAS confirmed that responses and actions were appropriate to close out the three opportunities for improvement raised during the audit conducted on 23 June 2020, as detailed below.

Finding No.	SSD Ref. No.	Finding	Comment/ Recommendation	Watpac Actions
OFI-01	ISO 14001 Section 7.1	<u>Resources, Roles and Responsibilities</u> The Contractor has identified and provided the resources required to implement the EMS for the project. Project Organisational Chart showing resources in place was updated on the 11 of October 2019.	It was noted that The Project Management Plan (PMP) had an old version of the Project Organisational Chart (Rev. 5 of January 2019). Watpac to update the PMP with latest version of the Organisation Chart.	The latest Organisation chart was updated in the PMP, as noted in PMP Rev. 4 of August 2020 – Appendix B. <b>Closed</b>
OFI-02	SSD Cl. A15	<u>Revision of Strategies Plans and Programs</u> Where revisions are required, the revised document must be submitted to the Planning Secretary for approval within six weeks of the review.	The Project Environmental Management Plan (PEMP) was reviewed during December 2019 (Rev.6) and a copy was sent to the DPIE on 7 April 2020 (about 15 weeks after the review). Proponent needs to ensure that every time the PEMP is reviewed a copy is submitted to the DPIE within six weeks of the review.	Watpac agreed for this to be done when future revisions of the project related Plans are made. <b>Closed</b>

Finding No.	SSD Ref. No.	Finding	Comment/ Recommendation	Watpac Actions
OFI-03	SSD Cl. C36	<u>Trade Waste</u> Liquid trade waste generated on the site must be discharged in accordance with a trade waste agreement with Sydney Water and by a licensed liquid trade waste contractor.	A Water Meter Report Card for control of water quality was completed on the 17 March 2020. The water turbidity and pH were within limits and it was ok to discharge out to the stormwater.  It was suggested that the Water Meter Report Card includes the location where the water was taken from.	Noted that water discharges have not recently been carried out. But the Water Meter Report Card template, has been updated to include location, as suggested.  <b>Closed</b>
OFI-02 (Nov. 2019)	SSD Cl. C27	<u>Access to Information</u> Not all the project information required under Condition C27 a) iv) has been published in the HI website. The audit noted that condition C27 a) iv) regular reporting on environmental performance and monitoring results is missing.	Consider including the records of noise monitoring and water testing in the HI project website.	A Water discharge & Noise monitoring Register has been developed and included as part of the website listed documents.  <b>Closed</b>

#### 4.3 Identified Findings

The table below outlines the findings raised during the audit:

Finding No.	Ref.	Finding	Comment/ Recommendation
OFI-01	SSD Cl. A1 & C19 (Checklist Items 2.10 & 4.40)	<u>Erosion and Sediment Control</u> ErSed Controls were observed during site visit, e.g. sand bags around drains and slit fences. However, no controls were installed around a small stockpile close to the site office. It is noted that no live stormwater drains were close to the stockpile.	It is recommended that additional Erosion and Sediment controls are added around a small stockpile that resulted from retaining wall works recently built close to the site office.  <u>Note:</u> Photo evidence was submitted by Watpac shortly after the audit showing environmental controls installed around the stockpile to address this issue.
OFI-02	SSD Cl. C27 (Checklist Item 5.9)	<u>Access to Information</u> Sighted in HI website for the HKH2 project – the noise and water monitoring results are now published. However, other information required is now not included, e.g. the CEMP and other sub-plans, the Complaints Register, Audit report for Independent Audit 5, and other.	It is recommended that all the information listed in SSD Clause C27 be published in the Project website as required.

## 5. Conclusion

This audit was completed to assess the environmental controls established by Watpac against the requirements of the Development Consent for the project. The audit confirmed that Watpac has implemented its Environmental Management System to a satisfactory level, with two opportunities for improvement identified as part of the review.

The following table summarises this audit findings by rating category:

Findings Rating	Findings
Major Non-Conformance	0
Minor Non-Conformance	0
Opportunity for Improvement	2

It is suggested Watpac takes the feedback from this audit as an opportunity to make improvements in Environmental performance during the progress of the Project.



## Appendix A. [Audit Attendance Sheet]

### Audit Attendance Sheet



PROJECT: Hornsby Hospital Stg 2      AUDIT No.: 6  
 AUDITEE: Watpac      LEAD AUDITOR: Luis Garzon  
 MEETING LOCATION: Watpac Site office  
 OPENING MEETING DATE AND TIME: 14/12/20 8:40am  
 CLOSING MEETING DATE AND TIME: " 2:20pm

NAME	ORGANISATION	POSITION	SIGNATURE	
			OPENING MEETING	CLOSING MEETING
Luis Garzon	AQUAS	Auditor	<i>LG</i>	<i>LG</i>
Helena Vojovic	BESIX Watpac	cadet	<i>HV</i>	<i>Helena</i>
Marie Canavan	BESIX WATPAC	Project Manager	<i>MCC</i>	<i>MCC</i>
Yianni Venetis	APP	Project Manager	<i>YV</i>	<i>YV</i>
AURÉLIE BOLLE	BESIX Watpac	Senior project engineer	<i>AB</i>	<i>AB</i>

## Appendix B. [Audit Checklist]

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
1.0	Environmental Policy (5.2)			
1.1	5.2	The Contractor has an Environmental policy authorised by top management and is communicated to all persons working for or on behalf of the organisation and available to the public	HSEQ Policy reviewed – dated 8/11/19, signed by the CEO. Policy is displayed site office close to the induction room. Available in the Watpac webpage and site office.	Y
1.2	Environmental Objectives and planning to achieve them (6.2)			
1.3	6.2.1	The Contractor has documented and measurable environmental objectives and targets for the project. Objectives and targets are communicated	PEMP section 2.0 and 2.3 has KPIs for each of the environmental aspects.  Objectives are communicated through the use of the PEMP. Sighted weekly environment inspection checklists dated 14/12/20, 25/09/2020, with some targets measured.  Milestone 2 area nearly finished, milestone 3 is new focus.  Has incorporated the area where complaints were received due to workers leaving rubbish (Herbert & Jubilee Ave.). Now it is better.	Y
1.4	6.2.2	The Contractor has established, implemented and maintained a plan(s) for achieving its objectives and targets	Objectives and targets are monitored during PCG meetings. Sighted Contractor's Monthly PCG Report for November 2020. Section 8 has summary of environmental results.	Y
2.0	Leadership (5.0), Planning (6.0) and Resources (7.1)			
2.1	Resources, roles, responsibility and authority (5.3)			
2.2	7.1	The Contractor has identified and provided the resources required to implement the EMS for the project, including: <ul style="list-style-type: none"> <li>- human resources and specialised skills – Org Chart</li> <li>- technology &amp; financial resources</li> </ul>	Has Project Organisational Chart showing resources in place. Latest Organisation chart was updated in the PMP, as noted in PMP Rev. 4 of August 2020 – Appendix B.	Y
2.3	5.3	Roles, responsibility and authority have been defined, documented and communicated in order to facilitate environmental management.	Position descriptions available for each employee. PEMP Section 3.2.1 outlines environmental responsibilities for key roles, e.g. <ul style="list-style-type: none"> <li>- Construction/Operations Manager</li> <li>- Quality and Environmental Manager</li> <li>- Project Manager</li> <li>- Project Environmental Coordinator</li> </ul>	Y

**Audit Compliance Codes:** Y: Compliance achieved; N-Major: Major non-conformance; N-Minor: Minor non-conformance; OFI: Opportunity for Improvement; NA: Not Applicable/Not Triggered

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
			<ul style="list-style-type: none"> <li>- Independent verification staff</li> <li>- Site Manager</li> <li>- Foreman</li> <li>- Contract Administrator</li> <li>- Direct labour</li> <li>- Subcontractors and suppliers.</li> </ul>	
2.4	-	<p>A management representative(s) has been appointed by the Contractor and has defined roles, responsibilities and the authority for:</p> <p>a) ensuring the EMS is established, implemented and maintained in accordance with the Standard</p> <p>b) reporting to top management on EMS performance for review, including recommendations for improvement</p>	Representatives are the Project Manager / QSE Manager assisted by Project Cadet as required.	Y
2.5	Environmental aspects (6.1.2)			
2.6	6.1.2	<p>The Contractor has identified the environmental aspects of its activities, products and services – and those with significant environmental impacts.</p> <p>This has considered planned or new developments, or new or modified activities, products and services.</p>	<p>Aspects outlined in PEMP Section 5.2 and 5.3 lists the most relevant aspects and controls.</p> <p>Environmental Risk Assessment C-FRM-018 in place. It analyses all possible risks, some standard for all projects, some specific, last reviewed on the date 12/03/2017 (version 1 - Appendix 6.2).</p> <p>There have been changes in the work environment, but the controls outlined in the Risk Assessment are the same.</p>	Y
2.7	6.1.2	The Contractor has documented this information and kept it up to date – Aspects/Impacts Register	<p>Documented in section 5.3. Environmental Risk Assessment (PEMP Appendix 6.2) dated 12/3/17 – contains generic aspects/impacts.</p> <p>That is still at the first revision and will be reviewed at every milestone of the project. No changes have been made as it is still relevant to the project at this time.</p>	Y
2.8	Compliance Obligations (6.1.3)			
2.9	6.1.3 9.1.2	The Contractor has identified all legal and other requirements relevant to its environmental aspects and how they apply to the project. There is a procedure for periodically evaluating compliance and records are maintained?	<p>Legal Requirements Register in place (Appendix 6.6) includes the general requirements for project - not specific; also, section 5, under each of the listed aspects has as legal reference.</p> <p>Last change to the SSD Conditions was MOD 4 of 18/11/2020.</p>	Y

**Audit Compliance Codes:** Y: Compliance achieved; N-Major: Major non-conformance; N-Minor: Minor non-conformance; OFI: Opportunity for Improvement; NA: Not Applicable/Not Triggered

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
			Any legislation updates are provided by the Head Office. Sighted examples of email correspondence with legislation updates, mostly from WHS perspective.	
2.10	A1	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 than may result from the construction and operation of the development.	<p>The contractor has generally maintained environmental controls onsite – as per the site walk. No environmental issues have occurred.</p> <p>Additional Erosion and Sediment controls could be added around a small stockpile resulting from a retaining wall recently built close to the site office – OFI</p>	OFI-01
2.11	A2	<p>The development may only be carried out:</p> <ul style="list-style-type: none"> <li>a) in compliance with the conditions of this consent;</li> <li>b) in accordance with all written directions of the Secretary;</li> <li>c) generally, in accordance with the EIS as amended by the RtS and RtS Addendum;</li> <li>d) generally, in accordance with HHR Stage 2 Statement of Environmental Effects Section 4.55(1A) Modification to Incorporate Extensions of the Vertical Circulation Structures and Roof Form to Accommodate a Future Helipad;</li> <li>e) generally, in accordance with HHR Stage 2 Statement of Environmental Effects Section 4.55(1A) Modification for the establishment and use of Helipad structure; and</li> <li>f) in accordance with the approved plans.</li> </ul>	<p>The development has generally been carried out in accordance with consent requirements and the approved plans.</p> <p>Had a MOD 4 dated 18/11/2020 – change to the Emergency Department façade – received updated design drawings.</p> <p>Sighted copy of the Statement of Environmental Effects, which was prepared in collaboration with Watpac.</p>	Y
2.12	A9, A10	<b>Applicability of Guidelines</b> – If directed by the Planning Secretary, the Contractor has ensured compliance with <b>updated or revised versions</b> of applicable guidelines, protocols, Standards or policies referenced in the Conditions of Consent (otherwise compliance is required with any referenced guidelines, protocols, Standards or policies in the form they are in as at the date of this consent).	<p>Has received a SSD MOD 4 (18th Nov. 20) – change to the Emergency Department façade – received updated drawings design.</p> <p>Sighted Aconex correspondence of 7th Dec WTPC-GCOR-021344. from Mark to BMG Certifier, sending the information and asking for any changes in Crown Certificates. Response not yet received.</p>	Y
2.13	A8	<b>Structural Adequacy</b> – All new buildings and structures, and any alterations or additions that are part of the development, must be constructed in accordance with the relevant requirements of the BCA.	Crown Certificates CC1 - 12/07/2018 and CC2 - 11/10/2018.	Y

**Audit Compliance Codes:** Y: Compliance achieved; N-Major: Major non-conformance; N-Minor: Minor non-conformance; OFI: Opportunity for Improvement; NA: Not Applicable/Not Triggered

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
			<p>Crown Certificates received covers 30/4/19 for remaining works (CC3), including extension of Emergency Dept, front of house and others.</p> <p>Crown Certificate CC4 No. CRO-18155 dated 25/09/2019 for Helipad structural works. Includes: architectural design, lift design certificate, compliance statement, piling design statement and structural design statement.</p> <p>New evidence:</p> <p>Has CC5 CRO-20065 of 2 July – Balancing of the Helipad. Refers to BCA compliance.</p> <p>Sighted Aconex correspondence of 7<sup>th</sup> Dec WTPC-GCOR-021344. from M. Cahalin to BMG Certifier, sending the information and asking for any changes in Crown Certificates. Response not yet received.</p>	
2.14	B9	The Contractor has ensured works are designed and constructed to provide access and facilities for people with a disability in accordance with the BCA. The Certifying Authority must ensure that evidence of compliance with this condition from an appropriately qualified person is provided and that the requirements are referenced on any certified plans.	<p>iAccess consultants provided a report 25 September 2017 with all the provisions for DDA requirements. This forms part of submission to the certifying authority (Blackett Maguire) for certification.</p> <p>Crown Certificate 3 references the iAccess Report dated 25 February 2019 with design changes incorporated.</p>	Y
2.15	B13	<p><b>Structural Drawings</b></p> <p>Prior to commencement of works, the Applicant must submit for approval of the Certifying Authority structural drawings prepared and signed by a suitably qualified practising Structural Engineer that demonstrates compliance with:</p> <p>a) the relevant clauses of the BCA; and</p> <p>b) this development consent.</p>	<p>BCA Crown Certificate references the SSD 12/07/2018 Blackett Maguire and Goldsmith – drawings and other docs received (e.g. certifications)</p> <p>BCA Crown Certificate 2 of 11/10/2018 – sighted certificate with drawings and structural adequacy.</p> <p>Crown Certificate 3 of 30/4/19 includes any remaining drawings.</p>	Y
2.16	B15	All <b>mechanical ventilation systems</b> must be installed in accordance with Part F4.5 of the BCA and must comply with the AS 1668.2-2012. Details must be submitted for approval of the Certifying Authority prior to commencement of the relevant works.	<p>This is a permanent design item, done to BCA and relevant Australian Standards.</p> <ul style="list-style-type: none"> <li>- Item 19 of Crown Certificate</li> <li>- Item 7 of Crown Certificate</li> </ul> <p>Dewpoint Report of 6/2/2019 has references to SSD conditions B15, B16 and others (part of Crown Cert. 3).</p>	Y

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2.17	B16	The installation, operation and maintenance of <b>warm water systems and water-cooling systems</b> must comply with the Public Health Act 2010, Public Health Reg. 2012 and Pts 1 and 2 (or Pt 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.	Dewpoint Group is the mechanical contractor. Sighted Certificate of Design Mechanical dated 6/2/2019 and revised on 22/3/2019.  Cooling Towers have been put in place in March 2020. Presented registration with Council of documentation for the cooling towers, tests and Risk Management Plan – as per Aconex WTPC-GCOR-020735 of 4/11/20.	Y
2.18	A21	For work costing \$25,000 or more, a Long Service Levy must be paid.	Long Service Levy has been paid – Receipt No. 00399139 of 2 October 2019.	Y
2.19	C24	To protect the safety of work personnel and the public, the Subject Site must be adequately secured to prevent access by unauthorised personnel, and work must be conducted at all times in accordance with relevant Work Cover requirements.	The layout of the site has changed, e.g. the contractor has taken possession of new areas and there is a new site access.  Inspections are conducted to ensure that the gates are locked.  Sighted HI Inspection Form – 3 <sup>rd</sup> December 2020, always checks if the site is securely fenced. An issue with a missing panel was raised, then photo evidence was provided of rectification.	Y
3.0	Support (7.0)			
3.1	Competency, training and awareness (7.2, 7.3)			
3.2	7.2	The Contractor has ensured that employees and subcontractors are competent on the basis of appropriate education, training or experience.  Relevant training and competency records have been retained.	HR recruitment process managed by head office.  - Subcontractors competencies managed tendering process – selection of qualified personnel – questionnaire to be completed.  - Workers go through a Watpac online induction (general) and then there is a site-specific induction.	Y
3.3	7.3	The Contractor has established a procedure to provide awareness to employees and subcontractors on: a) the importance of conformity with the environmental policy, procedures and requirements of the EMS b) the significant environmental aspects and related actual or potential impacts associated with their work, and the environmental benefits of improved personal performance,	All staff go through project induction. This includes working hours, hazardous substances, emergencies, lighting, and other specific environmental elements.  Sighted induction form including Environment section. Sighted example of induction #1560 dated 10/12/19 and re-induction for quick plumbing dated 19/7/2019.	Y



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		c) their roles and responsibilities in achieving conformity with the EMS d) the potential consequences of not following the relevant procedures.	Have some subcontractors providing training in other language e.g. partition and façade contractor delivered training in Chinese. Toolbox talks are conducted every Monday (whole site) and daily pre-start (3D safety app). Sighted attendance record of contractor's training conducted for led and asbestos – Milestone 4, Building 1, 13 & 43, done on 22/09/2020 at 9am.	
3.4	C31	The Contractor must ensure that all of its employees, contractors (and their subcontractors) 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.	Apart from inductions and Toolbox Talks, Watpac provides to subcontractors the SSD conditions and the requirement to comply with all applicable project requirements. Toolbox talks were suspended during the Covid restrictions, but they've been resumed recently. Sighted TT for 14/12/20 – discussed demolition in M3 soft strip, hazmat removal, new shed, etc.	Y
3.5	Communication (7.4)			
3.6	7.4.2	Procedures are in place for ensuring internal communication with regard to the environmental aspects and the EMS	<ul style="list-style-type: none"> <li>- Communications about updated forms and other system updates from Head Office are received via email.</li> <li>- Conduct internal team meetings – suspended for now but will resume in next year</li> <li>- Conduct meetings with APP and HI fortnightly</li> <li>- Disruption meetings with hospital weekly – e.g. sighted Disruptive Works Notices Register updated 10 December 2020.</li> </ul>	Y
3.7	7.4.3	Procedures are in place for communications with external parties, e.g. a) EPA, Council, Hospital, others b) Community engagement – provision of information, sensitive receivers, follow up	Contractors meeting – every 2 weeks APP, HI and Watpac, go through design, HSE, program, construction. Any community communications are managed through HI – e.g. Notification of out of hours Works sent by HI for letter box drops 7/12/20. Sighted email 8/12 by the PM to Council with notification.	Y
3.8	A7	<b>Evidence of Consultation</b> – 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 approval; and	As above – there have been letter box drops delivered to neighbours. Extension of hours was approved by HI, per email 8/12/20 of H. Bell.	Y

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		b) provide details of the consultation undertaken, including: i) a description of how matters raised by those consulted have been resolved to the satisfaction of both the Applicant and the party consulted; and ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.		
3.9	B1	<b>Notice of commencement of works</b> If the construction or operation of the development is to be staged, the Contractor has notified the Department, Certifying Authority and Council, of the date of commencement and the development to be carried out in that stage. This is to be done in writing and at least 48 hours before commencement of each stage	Sighted letter of 28 <sup>th</sup> June – 'Notification of Commencement' A letter was dropped to neighbours for info +/- 130 residents. Next stage will be part of a different approval.	Y
3.10	Documentation (7.5)			
3.11	7.5	The Contractor has procedures for control of documents and records, which includes: a. approval of documents for adequacy prior to issue b. review and update and re-approval c. ensuring that changes and the current revision status of documents are identified d. ensuring that relevant versions of applicable documents are available at points of use e. ensuring that documents remain legible and readily identifiable f. ensuring that relevant documents of external origin for the planning and operation of the EMS are identified and their distribution controlled g. preventing the unintended use of obsolete documents and applying suitable identification to them if they are retained for any purpose	<ul style="list-style-type: none"> <li>- Uses 'Watkins' system – has all current system documents, templates, forms, etc.</li> <li>- Aconex – project specific documentation e.g. the EMP + reports</li> <li>- Authorisation in the plan.</li> <li>- Documents are available in the server.</li> <li>- Have access to the NSW Gov. page for the project e.g. for SSD conditions.</li> <li>- Aconex docs – only have the current versions (older not shown)</li> <li>- G-Drive – have a 'superseded docs' folder</li> <li>- Some docs / records in G:/ Drive</li> <li>- Web FM – web-based portal for management of defects.</li> <li>- Evidence of reviews/ updates / approval, e.g. sighted transmittal from Watpac to APP of updated drawings on 27/11/19, then APP would circulate to others, as required.</li> </ul>	Y
3.12	B22, B23	Construction Environmental Management Plan a. Prior to the commencement of construction works, a CEMP must be submitted for the <b>approval</b> of the Certifying Authority. The CEMP must address, but not be limited to, the following matters where relevant: i) hours of work;	Sighted PEMP dated December 2019 (Rev.6) authorised by PM. a) Transmittal to HI/APP 20/03/2018 via Aconex – original plan Email of 19/09/2018 – sent updated plans to Planning NSW.	Y

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		<ul style="list-style-type: none"> <li>ii) 24-hour contact details of site manager;</li> <li>iii) traffic management, in consultation with Council and TfNSW;</li> <li>iv) construction noise and vibration management prepared by a suitable qualified person;</li> <li>v) management of dust and odour to protect the amenity of the neighbourhood;</li> <li>vi) erosion and sediment control;</li> <li>vii) stormwater control and discharge;</li> <li>viii) measures to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the Subject Site;</li> <li>ix) procedures for encountering groundwater during construction works;</li> <li>x) external lighting in compliance with AS4282:1997 Control of the Obtrusive Effects of Outdoor Lighting;</li> <li>xi) a protocol detailing appropriate procedures for identifying and dealing with unexpected finds of site contamination (including asbestos containing materials, Polycyclic aromatic hydrocarbons (PAHs), Total recoverable hydrocarbons (TRH) and lead-based paint);</li> <li>xii) a protocol detailing appropriate proceed. for identifying and dealing with unexpected finds of archaeological heritage;</li> <li>xiii) 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;</li> <li>xiv) waste storage, recycling and litter control;</li> </ul> <p>b. The CEMP must not include works that have not been explicitly approved in this development consent. In the event of any inconsistency between the consent and the CEMP, the consent must prevail; and</p> <p>c. The Applicant must submit a copy of the CEMP to the Department and Council prior to commencement of work.</p> <p>The CEMP must be implemented by the contractor for the duration of the construction works</p>	<p>Sighted Aconex email of 12/04/2018 to the Certifier; no comments have been received from either party.</p> <p>Aconex internal submission of CMP and WMP dated 17/12/19 was provided as supplementary evidence. Submission was made after the Independent Environmental Audit – Note.</p> <p>Aspects required in SSD Cl. B22 addressed generally in:</p> <ul style="list-style-type: none"> <li>- PEMP and Sub-Plans and Emergency Response Plan</li> <li>- Traffic mgt is an Appendix to the Safety Management Plan.</li> <li>- PEMP Aspects (Section 5)</li> </ul> <p>b) Has a Noise and Vibration for Hospital as a 'sensitive receiver' (not in the SSD) – but not been submitted to the client.</p> <p>c) Plan was submitted – as per item a) above.</p> <p>No recent updates.</p>	

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3.13	B24, B25	<p><b>Construction Noise and Vibration Management Plan</b> to be submitted for approval of the Certifying Authority, to be implemented for the duration of the project and to be revised from time to time. Plan to address the following:</p> <ul style="list-style-type: none"> <li>i) be prepared by a suitably qualified expert;</li> <li>ii) be prepared in consultation with Council and all adjoining noise sensitive receivers where noise levels exceed the construction noise management levels, in accordance with EPA guidelines;</li> <li>iii) describe the measures to be implemented to ensure               <ul style="list-style-type: none"> <li>&gt; best management practice is being employed;</li> <li>&gt; compliance with the relevant conditions of this consent;</li> </ul> </li> <li>iv) describe the proposed noise and vibration management measures in detail;</li> <li>v) include strategies that have been developed to address impacts to noise sensitive receivers where noise levels exceed the construction noise management level, for managing high noise generating works;</li> <li>vi) describe the consultation undertaken to develop the strategies in v) above;</li> <li>vii) evaluate and report on the effectiveness of the noise and vibration management measures; and</li> <li>viii) include a complaints management system that would be implemented for the duration of the construction works.</li> </ul> <p>The Contractor must submit a copy of the plan to the Dept. and to the Council prior to commencement of work.</p> <p>B25 – The CNVMP must be implemented by the contractor for the duration of the construction works.</p>	<p>CNVMP in place Rev 0 by Acoustic Logic, Doc 20180872.1/0624A/R0/TT of 24/06/18. Sighted submission to Blackett Maguire &amp; Goldsmith, Aconex communication WTPC-GCOR-000647 of 29/6/18. No recent updates.</p> <p>Acoustic logic Report – has recommendations for noise &amp; vibration controls. Baseline reference noise measured.</p> <p>The Council has copy of the Plan. Follow requirements for noise management, e.g. excavation works not to start before 8:00am.</p> <p>Strategies e.g. Acoustic logic did measurements/ monitoring to get info for preparation of the Plan.</p> <p>Consultation was not required specifically for the Plan at this stage. Any disruptions managed during the DW process, E.g. DW No. 144 dated 12/6/2020 for noisy works due to removal of trees to be conducted next week.</p> <p>The Plan includes recommendations for complaints management.</p> <p>There are 6 points for noise monitoring outlined in the Plan. The monitoring will be undertaken at the points as they become relevant through different milestones.</p> <p>There were 2 permanent vibration monitors during the demolition in April/May 2020. Exceedances were reported to the Hospital. Sighted report dated 14 May to 27 May 2020.</p> <p>No recent updates.</p>	Y
3.14	B26, B27	<p><b>Construction Waste Management Plan</b> to be submitted for approval of the Certifying Authority, to be implemented for the duration of the project and to be revised from time to time. Plan to address the following:</p> <ul style="list-style-type: none"> <li>i) recycling of demolition materials including concrete; and</li> <li>ii) removal of hazardous materials 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 any building works.</li> </ul>	<p>CWMP in place, Rev. 01 27/June 2018 – Submitted to the Certifier via Aconex communication WTPC-GCOR-000647 of 29/6/18. Sighted Crown Cert. of 12/7/18 referencing the Plan.</p> <p>Plan was updated 30/10/19 (Rev.2) to change the template to reflect new branding and new Appendix 1.</p> <p>Use grasshopper as removal subcontractor.</p> <p>Purpose, Goal is to reuse / recycle 80% of waste.</p> <p>Has +/- 8 different waste streams: concrete, steel/ metal, timber, plastic/ paper/ cardboard.</p>	Y

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		<p>Details demonstrating compliance with the relevant legislative requirements, associated with the removal of hazardous waste, particularly the method of containment and control of emission of fibres to the air, are to be submitted for the approval of the Certifying Authority prior to the removal of any hazardous materials;</p> <p>The Contractor must notify the RMS Traffic Management Centre of the truck route(s) to be followed by trucks transporting waste material from the Subject Site, prior to the commencement of the removal of any waste material from the Subject Site; and</p> <p>The Contractor must submit a copy of the plan to the Department and the Council prior to commencement of work.</p> <p>B27 – The CWMP must be implemented by the contractor for the duration of the construction works</p>	<p>Has identification and management of hazardous materials. Also, has tracking of vehicles transporting hazardous materials (take number plates) and they send dockets.</p> <p>Grasshopper would collect, and segregate waste offsite as required.</p> <p>Copy of the Plan submitted – as part of the Crown Certificate.</p> <p>No recent updates.</p>	
3.15	B28, B29	<p><b>Construction Traffic and Pedestrian Management Plan</b> to be submitted for approval of the Certifying Authority, to be implemented for the duration of the project and to be revised from time to time. Plan to address the following:</p> <ul style="list-style-type: none"> <li>i) location of proposed work zones &amp; haulage routes;</li> <li>iii) construction vehicle access arrangements;</li> <li>iv) construction hours &amp; construction program;</li> <li>vi) predicted construction traffic volumes and vehicle movements, types and routes including any known road closures and consideration of alternate routes;</li> <li>vii) assessment of road safety at key intersections and locations subject to heavy vehicle movements and high pedestrian activity;</li> <li>viii) details of construction vehicle movements including parking, dedicated vehicle turning areas and ingress and egress points;</li> <li>ix) details of anticipated peak hour and daily truck movements to and from the site;</li> <li>x) details of access arrangements for workers to/from the site, emergency vehicles and service vehicle movements;</li> <li>xi) details of temporary cycling and pedestrian access during construction;</li> </ul>	<p>CTMP – Part of the Safety Management Plan (Appendix F) Rev. 1 March 2018. There are new TMPs submitted to APP on 4/12/19 to include a new entrance for Milestone 3 (demolition area). Plan was sent to Hornsby Council 12/12/19 approved by APP/HI on the 19/12/19. Plan was communicated to any other relevant parties.</p> <p>Plans are implemented. 3 main types of plans:</p> <ol style="list-style-type: none"> <li>1. CTMP – overarching prepared by RMS <ul style="list-style-type: none"> <li>- Approved routes</li> <li>- Not affected by peak hour traffic</li> </ul> </li> <li>2. TCPs – e.g. for general site entry and egress; for crane erection, delivery of equipment. Sighted TCP 084/01 dated 6/3/2020 for Milestone 3, vehicle access via Palmerston Road.</li> <li>3. VMP (Vehicle Movement Plans) – e.g. delivery of tower crane equipment. Sighted VMP dated 06/12/19 for Milestone 3.</li> </ol> <p>Sighted permit for a temporary full/partial road closure at Palmerston Road dated 23/03/2020 from Hornsby Shire Council, (helping the trucks flow to the construction entrance). Permit was granted from 23/3/2020 to 23/9/2020 from 6.30am to 5.30pm.</p>	Y



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		<p>xii) details of proposed construction vehicle access arrangements at all stages;</p> <p>xiii) loading and unloading;</p> <p>xiv) details of management measures to minimise traffic impacts, including temporary road works and/or implementation of traffic control measures;</p> <p>xv) pedestrian and traffic management methods;</p> <p>xvi) any potential impacts to general traffic, cyclists, pedestrians and bus services within the vicinity of the site from construction vehicles during the works;</p> <p>xvii) consideration of the cumulative construction traffic impacts of surrounding projects under construction, including those within the Hornsby Ku-ring-gai Hospital precinct. Existing CTPMPs for developments within or around the Site should be referenced in the CTPMP to ensure that the coordination of work activities is managed to minimise impacts on the surrounding road network; and</p> <p>xviii) traffic and transport impacts during construction and how these impacts will be mitigated for any associated traffic, pedestrian, cyclists, parking and public transport, which must include vehicle routes, number of trucks, hours of operation, access arrangements and traffic control measures for all demolition/ construction activities.</p> <p>The Contractor must submit a copy of the CTPMP to the Department and to the Council, prior to the commencement of works.</p> <p>B29 – The CTPMP must be implemented by the contractor for the duration of the construction works</p>	<p><b>New Evidence:</b></p> <p>TMPs have been developed for access to buildings 13 and 43 - sighted.</p> <p>Also another showing access for Milestone 3 &amp; Emergency Dept car park.</p> <p>Plans were prepared by OTMS Roads and Traffic Management Services.</p>	
3.16	A15, A16	<p>If necessary the strategies, plans and programs required under this consent must be revised, to the satisfaction of the Secretary (e.g. after submission of a compliance report, or incident report, changes in the SSD conditions, or issue of a direction from the Secretary)</p> <p>Where revisions are required, the revised document must be submitted to the Planning Secretary for approval within six weeks of the review.</p>	<p>The Project Environmental Management Plan (PEMP) was reviewed during December 2019 (Rev.6) and a copy was sent to the DPIE on the 7 April 2020 (about 15 weeks after the review). An opportunity for improvement was raised noting that every time the PEMP is reviewed a copy is to be submitted to the DPIE within six weeks of the review. Watpac agreed that this to be done for future revisions of the project related Plans.</p>	Y
3.17	B2 C1	<p>Certified Plans are to be submitted to the Certifying Authority and the Department prior to commencement of each stage.</p>	<p>Certified Plans (as per Mod 2 and Mod 3) were submitted to CA as part of the CC4 (25/9/2019) sighted drawings listed in the CC4.</p>	Y

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		A copy of the approved and certified plans, specifications and documents incorporating conditions of approval and certification must be kept onsite at all times and must be readily available.	Plans were sent to Department as part of Mod 3 and were approved on the 6/4/2020. Plans are available in site office and in Server (G: Drive). - 2 REFs - SSD - Certifications (e.g. Crown Cert) – G: Drive - Plans in Aconex.	
3.18	Control of records (7.5)			
3.19	7.5.3	The Contractor has established and maintained necessary records to demonstrate conformity to the requirements of its EMS and the Standard, and the results achieved.	PEMP Sec. 4.12. - Some are part of safety e.g. Inductions, Toolbox Talks (hard copies, kept in folder in Safety Advisor bookshelf) - Inspections, other environmental records – have a folder in shared drive e.g. complaints, waste diversion reports, meeting inspections - Reports – Aconex e.g. EIS, contamination, others within SSD, Drawings Specific records sighted as per further sections of this checklist.	Y
3.20	7.5.3	Procedures have been established for the identification, storage, protection, retrieval, retention and disposal of records.	Part of the Head Office Management System procedures – Document Control procedure. There is a document controller.	Y
4.0	Operation			
4.1	Operational controls (8.1)			
4.2	8.1	The Contractor has identified, and planned controls associated with the significant environmental aspects to ensure that operations are carried out under conditions that minimise harm to the environment.	All Aspects identified in the PEMP have Management Strategy and specific actions e.g. Noise controls: - Noise monitoring in specific sensitive points Sedimentation controls: - Socks around drains - Silt fences Washout drums Signage, etc.	Y
4.3	Conditions of Development Consent – Before Commencement of Works			

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4.4	A6	No consent is granted for the demolition of the 'Palmerston' building.	Not part of SoW. This was a provision under the submission, not approved at this point.	NA
4.5	A17	All plant and equipment used on site, or to monitor the performance of the development must be: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient manner.	Plant and equipment are managed through 3D Safety app. Asbestos air monitoring done by EHO Consulting during the demolition, sighted 15/5/2020 and 20/4/2020 No vibration monitors are currently installed. Sighted air monitor outside the site office. A hygienist comes daily to inspect the monitor. Merlo Telehandler YG 52 seen onsite – has certificate of conditional registration 76200D, Exp 8/4/21, quarterly inspection dated 2/6/20, 250-hour service, etc.	Y
4.6	A19, EPA Reg. Cl 98A, C23	Prescribed conditions – <b>Signage</b> : 2) A sign must be erected in a prominent position on any site on which building work, subdivision work or demolition work is being carried out: (a) showing the name, address and telephone number of the principal certifying authority for the work; (b) showing the name of the principal contractor (if any) for any building work and a telephone number on which that person may be contacted outside working hours; (c) stating that unauthorised entry to the work site is prohibited.	Signage sighted during site walk complies with this condition. Authorised hours of work are posted in a different site sign.	Y

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		Site Notice – to include certifying authority, structural engineer, the approved hours of work.		
4.7	B3, B4	<b>Reflectivity, Outdoor lighting</b> The building materials used on the facades of the structure and the all outdoor lighting must comply with requirements of B3 and B4.	Certifier has provided all the architectural drawings including exterior finishing schedule. Sighted: - Certificate of Design for reflectivity of 7/09/18 by Bonacci Group. - Electrical Design Cert. Wood & Grieve Eng. 15/8/18 Crown Certificate 11/10/2018 items 11, 12, 6, 17	Y
4.8	B5-B8	<b>Hazards – design of oxygen supply</b> The Contractor has ensured that: <b>B5</b> The design and operation of the hospital's oxygen supply system (including the use of the liquid oxygen bulk storage tanks, any oxygen cylinders connected to the oxygen supply system and any temporary oxygen supply tanks) be in accordance with AS 1894 'The storage and handling of non-flammable cryogenic and refrigerated liquids' (AS 1894). <b>B6</b> All control measures or safeguards described in the Preliminary Hazard Analysis (PHA, 9 February 2018) will be implemented. <b>B7</b> As necessary and in accordance with AS 1894, the hospital's <b>Emergency Plan</b> and emergency procedures have been updated to include emergency situations involving the hospital's oxygen supply system, as described in the PHA (9 February 2018). <b>B8</b> If temporary oxygen supply tanks are to be installed prior to demolition of existing liquid oxygen bulk storage tanks for the purpose of hospital oxygen supply prior to commissioning of new tanks, the design and operation of these temporary tanks must be verified with AS 1894 and/or other relevant Australian Standards.	HealthShare has coordinated the replacement of the oxygen tank. Logistics were coordinated with Watpac, as access had to be given through the worksite. The protection shed was lowered after the tank was replaced. There is signage indicating a minimum exclusion zone for hot works and clear access to the tanks at all times (in case access is required). Communications are in place when refilling. The Hospital presented their current emergency procedures, which refer to the old oxygen tank. The Project Manager has asked for them to be updated to reflect any changes with the new tank, e.g. provider is now Coregas. The emergency response procedure from LHD has been updated in section 6.2 'Medical Gases Supply – Engineering Response' to include the liquid oxygen and nitrous oxide. Procedure was approved 17/6/2018. No new evidence to review.	Y

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Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
4.9	B10	<p>The Contractor has submitted Plans demonstrating compliance with the following requirements for <b>bicycle parking</b>, to the satisfaction of the Certifying Authority:</p> <p>a) provision of a minimum of 18 bicycle parking spaces;</p> <p>b) layout, design and security to comply with all applicable minimum requirements of AS 2890.3:2015 Parking facilities - Bicycle parking, and be located in secure, convenient and accessible areas close to the main entries, incorporating adequate lighting and opportunities for passive surveillance; and</p> <p>c) provision of end-of-trip facilities for staff including showers, change room and lockers.</p>	<p>The initial design and architectural drawings have been submitted for certification. Part of Crown Certificate No.3. Final design is still in progress, as part of landscaping.</p> <p>Note: Construction of the bicycle parking will become relevant at the very end of the project.</p>	Y
4.10	B12	<p><b>Pre-Construction dilapidation reports</b></p> <p>Qualified structural engineer to prepare a Pre-Construction Dilapidation Report. Report submitted to the satisfaction of the Certifying Authority &amp; copy to Council.</p>	<p>Email was sent on 19/09/2018 to Planning and Council with dilapidation reports.</p> <ul style="list-style-type: none"> <li>- Presented 4 reports: <ul style="list-style-type: none"> <li>- Derby – Watpac</li> <li>- Star and Hope – Structural Engineer (Cardno)</li> <li>- Cottage 93 – Watpac</li> <li>- Little Learning School – Structural Eng. 04/09/18</li> </ul> </li> </ul> <p>Photographic report / condition of building</p> <p>A new dilapidation report by Cardno for the new access road (council access) was done 24/01/2020. This was not sent to Council or the Certifier, was from an internal perspective, to cover any potential issues.</p>	Y
4.11	B18	<p><b>Public Footpath</b></p> <p>The existing concrete footpath along the boundary of the site is to be reinstated where impacted by the proposed works to relevant Council specifications and standards</p>	<p>Not Triggered. Footpath not affected at the moment under this SSD. There has been an agreement with Council that they will reinstate the footpath after all the construction is completed (late 2021).</p> <p>Sighted email to Hornsby Council 29/11/19 from Nick Limbrey with summary of agreement – Note.</p>	NA
4.12	B19	<p><b>Stormwater and Drainage Works</b></p> <p>Designed in accordance with Council's relevant specifications and standards and other specific requirements.</p> <p>Water treatment system designed as per Council requirements</p>	<p>Crown Certificate – Hydraulic outside fence – covered by another works conditions (REF determination – approval 004/2018 – 04/04/2018) – Not relevant to this SSD.</p> <p>For internal stormwater drainage, the design would be approved as part of Crown Certs 1, 2.</p>	Y

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Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
4.13	B20	<b>On-site Stormwater detention and Water Quality</b> An on-site stormwater detention system must be designed by a chartered civil engineer and constructed in accordance with the following requirements: <ul style="list-style-type: none"> <li>a) the developing area of the site shall ensure its 5-year average recurrence interval (ARI) runoff reduced to the pre-development site cover rate. The volume of the onsite detention system shall ensure its capable of detaining the 20-year ARI post-development site cover storm;</li> <li>b) the water quality treatment system shall be designed and constructed to provide water quality outcomes as per Council's HDCP2013 Section 1 C.1.2.i requirements;</li> <li>c) have a surcharge/inspection grate located directly above the outlet;</li> <li>d) discharge from the detention system must be controlled via 1 metre length of pipe, not less than 50 millimetres diameter or via a stainless plate with sharply drilled orifice bolted over the face of the outlet discharging into a larger diameter pipe capable of carrying the design flow to an approved Council system;</li> <li>e) where above ground and the average depth is greater than 0.3 metres, a 'pool type' safety fence and warning signs must be installed; and</li> <li>f) not be constructed in a location that would impact upon the visual or recreational amenity of residents.</li> </ul>	Civil Design Certificate (Crown Certificate, Item 4).  The onsite stormwater detention system will be done in Milestone 4 (Sep 2020 to June 2021).	Y
4.14	B21	<b>Road Works</b> Kerb and gutter, stormwater drainage, full road width pavement including traffic facilities (vehicle crossings, if applicable) and paved footpaths must be constructed along the area where road works are to be undertaken. In relation to public roads or classified road (as defined under the Roads Act 1993), all roads and traffic facilities must be designed to meet the requirements of Council and RMS (if applicable) and obtain any necessary permits and approvals from the relevant road authority, prior to the commencement of road or pavement construction works.	There were some works on the Derby Road (from Dec 2019 to Feb 2020) to connect stormwater to the sewer. Council reinstated some footpaths and will upgrade the road in August 2020. Sighted site inspection 17/03/2020 with Watpac and Council.  Road reinstatement as part of the REF determination, as per checklist item 4.12.	Y

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4.15	B32, B33	<b>Utility Services</b> Prior to the commencement of construction work the Contractor is to negotiate (as necessary) with the utility authorities (e.g. Ausgrid and Telcos) in connection with the relocation and/or adjustment of the services affected by the construction of the building structure.  Prior to the commencement of above-ground works written advice must be obtained from the electricity supply authority, an approved telco carrier and an approved gas carrier (as relevant) stating that satisfactory arrangements have been made to ensure provision of adequate services	Has communicated with Telcos, Ausgrid about low power lines. A new substation is being built. Ausgrid has come to check works progress. Sighted Chamber Substation – Civil Building Handover Certificate 21/02/2020. Correspondence with Ausgrid indicates that substation will be energised on the 13/07/2020 – sighted network access request No. 58506-T1 from Ausgrid. Sydney Water has been contacted, sighted copy of the notice of requirements 24/03/2020 – still in progress. Gas is with the existing Hospital. Update: The substation was built and handed over, so now it is an Ausgrid asset. Sighted Deed of agreement for lease sent by Ausgrid on 17/7/20.	Y
4.16	B34	<b>External Walls and Cladding</b> The external walls of all buildings, including additions to existing buildings, must comply with the relevant requirements of the NCC	Final Design has been submitted. Sighted various Certificates for Alcadex, Deco, Finesse, Terracade, etc. Will use composite, non-combustible panels, glass, aluminium. Covered in previous Crown Certificates. Sighted Façade Installation Certificate from Foxville (façade contractor) – for levels 0, 1 and 2 of Clinical Services building, dated 10/9/20. Additional certificate (not mandatory) was issued per Certifier's requirement, noting compliance of the materials.	Y
4.17	B42  B45	<b>Tree Protection</b> The tree protection measures outlined in the <i>Arboricultural Development Assessment Report</i> , prepared by Moore Trees, dated October 2017, are to be implemented and maintained. Certification from the arborist required.	Have a report from Moore Trees – provided a Tree Protection Plan There are trees to be removed as part of Milestone 3 (sighted during site visit), approved by Council. Retained trees are not near the construction site (map sighted from the Arborist Report Oct. 2017). Sighted Aconex correspondence of 13/9/18 from Watpac to BM+G with submission of package for Crown Certificate 2, which included Arborist certification. Also sighted CC2 Item 16.	Y



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4.18	B43	A project arborist with AQF Level 5 qualifications must be appointed to provide monitoring and certification throughout the construction period.	Moore Trees is the project arborist	Y
4.19	B44, C32	Tree protection fencing for the trees to be retained must be erected around trees to be retained at a minimum distance based on the trees structural root zone  C32. Building materials and Site Waste  The filling or stockpiling of building materials, the parking of vehicles or plant, the disposal of cement slurry, waste water or other contaminants must be located outside the tree protection zones as prescribed in the conditions of this consent.	Not Triggered. Item may not become relevant (as per item 4.17) Two trees have been protected – sighted during site inspection. C32 – tree protection zones are outside of the site compound. Sighted trees to be protected during site walk – on Palmerston Road.	NA
4.20	B46	Ecologically sustainable development – details of design measures to be submitted, equivalent to Green Star Health Care 4-star rating	Steensen Varming (consultant) Energy Analysis Report dated 21/02/2018 has options regarding façade, ventilation, mechanical (design stage). Presented Design Certificate – BCA 2016 Section J from RENYi Australian Engineering Consultants certifying that the project is design with relevant Ecological Sustainable Design (ESD) standards including: Energy efficiency; external glazing and shading; artificial lighting; facility to monitor energy use, etc. Reference is made to RENYi BCA JV3 Verification Assessment Report Rev. A dated 12/7/2018.	Y
4.21	Conditions of Development Consent – During Construction			
4.22	C2, C3	<b>Construction Hours</b> Compliance with requirements for construction hours. Notification of any activities outside of these hours must be given to affected residents before undertaking the activities or as soon as is practical afterwards. Compliance with hours for noisy works (rock breaking, hammering, etc.)	7am – 6pm weekdays – usually end at 4pm 8am – 1pm Saturday No work on Sundays or Public Holidays. No extended hours are required for now. Planning regulations due to Covid-19 changed last week of March 2020 allowing construction work to proceed on Sundays. Works were carried out on Sunday 5/4/2020 (outside of normal hours) for façade and internal fit-out works.	Y

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			<p>There was a complaint in relation to the active concrete pump at 7pm on Tuesday 7/4/2020.</p> <p>Has maintained same working hours. There was a notice sent to residents regarding out of hours works on 12-14 December 2020.</p>	
4.23	B14	<p><b>Construction Noise Management</b></p> <p>Contractor must incorporate all relevant noise mitigation recommendations in the letter <i>Hornsby Ku-ring-gai Hospital Stage 2 Redevelopment - Response to Planning NSW Queries</i> prepared by Acoustic Logic, dated 26 April 2018, in the detailed design drawings and submit for the approval of the Certifying Authority.</p>	<p>Some design elements for final building are included in Crown Certificates, e.g. generators insulation. – done. Crown Cert for Noise mitigation recommendations included in detail design drawings &amp; sent for approval by the Cert. Authority.</p> <p>Noise management during construction is as per the CNVMP.</p> <p>Contractor follows the Plan which covers more detail than the Acoustic Logic report dated 24/6/2018.</p> <p>New Evidence:</p> <p>Not very noisy works currently taking place onsite. Continue to carry out the weekly inspections, where noise levels are monitored.</p> <p>Sighted Environmental Inspection Checklist dated 14/12/20 – readings conducted on Derby Rd and Palmerston Rd (61.3 DbA and 64.9 DbA).</p>	Y
4.24	C4	<p>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 CNVMP required under condition B25.</p>	<p>Controls continue to be maintained as per Acoustic Logic Report:</p> <ul style="list-style-type: none"> <li>- Vehicles and machinery on site had flashing lights, some with squawkers (avoid use of reverse beep where possible).</li> <li>- Bored piles (rather than driven piles) – still in progress in Milestone 3</li> <li>- Use of plywood panels</li> </ul> <p>Noise monitoring readings continue in place. Checked during weekly environmental inspections at the nominated monitoring points.</p> <p>Sighted results during inspection on the 10 February 2020, Derby Road entry (62.6dB) and Palmerston Rd (69.1dB) both within the noise limits. Inspection 24 April 2020 indicates 67.3dB at Palmerston Rd and 11/6/2020 75.3dB due to trucks coming in and out for backfilling taking the reading for 2 minutes.</p> <p>There are not very noisy works at the moment apart from Demo.</p>	Y
4.25	C5	<p>If the noise from a construction activity is substantially tonal or impulsive in nature (as described in Chapter 4 of the Noise</p>	<p>This is generally in accordance with the Noise and Vibration Plan from Acoustic Logic. This is associated with checklist item 4.31.</p>	Y

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Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
		Policy for Industry, 5 dB(A) must be added to the measured construction noise level when comparing the measured noise with the construction noise management levels.		
4.26	C6	The Contractor must ensure construction vehicles do not arrive at the Subject Site or surrounding residential precincts outside of the construction hours of work outlined under condition C2.	<p>There is a specific area for construction vehicles to park to bring materials or load with waste. Vehicles only scheduled during working hours.</p> <p>Note: Sometimes workers arrive before 7am to get ready – there is a shuttle bus from 6am – 5pm taking them to the train, but this is generally is not an issue.</p> <p>There haven't been any issues related to trucks arriving to site outside construction hours.</p>	Y
4.27	C7	The Contractor must schedule intra-day 'respite periods' for construction activities identified in the Interim Construction Noise Guideline	<p>Some exceedances are expected – e.g. vibration during pouring. In these cases has communication with the hospital and/or other receivers.</p> <p>Respites taken during staff breaks (two breaks in the day, morning tea and lunch), but would consider others per communications with the Hospital. Currently no noise/ respite periods required – no noisy works.</p> <p>No noisy works currently taking place.</p>	Y
4.28	C8	Wherever practical, and where sensitive receivers may be affected, piling activities are completed using bored piles	<p>Done, as per checklist item 4.24.</p> <p>Piling works to be completed – within compound, not too close to sensitive receivers and will only go 2-4 meters down.</p>	Y
4.29	C9	The Contractor must implement, where practicable and without compromising the safety of construction staff or members of the public, the use of audible movement alarms of a type that would minimise noise impacts on surrounding noise sensitive receivers.	<p>Minimise use of reversing in vehicles – vehicles had squawkers.</p> <p>Have a regime for maintenance of equipment – records kept in hard copy in safety folder at the site office, e.g. sighted maintenance records of the Merlo Telehandler (see checklist item 4.5)</p>	Y
4.30	C10	Any noise generated during construction of the development must not be offensive noise within the meaning of the Protection of the Environment Operations Act 1997 or exceed approved noise limits for the Subject Site	<p>Noise monitoring devices in place, used in nominated locations. 75 – 80 dB(A) as per Noise &amp; Vibration Management Plan, no more than 15min.</p> <p>Presented map with sensitive receivers and showing noise monitoring locations. Evidence of noise monitoring noted as part of environmental inspections.</p> <p>No exceedances as per inspections.</p>	Y

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4.31	C11	<b>Vibration Criteria</b> Vibration caused by construction works to meet the established limitations.	Criteria to work to: 1mm/s. Current vibration works are: pilling	Y
4.32	C14	<b>Waste</b> All waste generated during construction must be assessed, classified and managed in accordance with the Waste Classification Guidelines Part 1: Classifying Waste (EPA, 2014)	Sighted Waste Report as part of the monthly PCG report, e.g. waste data from Oct 2019 by Grass Hopper - 94% recycling for the month. Report for March 2020 91% recycled. Sighted EPA Licenses for: <ul style="list-style-type: none"> <li>- Cleanaway Co Pty Ltd, license No. 12628 – 4 January/20</li> <li>- Dial-A-Dump (EC) Pty Ltd, license No. 13426 – 2 March/20</li> <li>- Kimbriki Environmental Enterprises Pty Ltd, license No. 13091 – 30 June/20</li> </ul> Waste managed by Grasshopper, they remove waste from site and do the classification offsite. The contractor sends monthly reports with results of recycling – e.g. sighted Waste Diversion Report for Hornsby Hospital November 2020 – Recovered 92% of waste.	Y
4.33	B17	Storage and Handling of Waste ( <b>end product</b> ) An appropriate area will be provided within the premises for the storage of garbage bins, recycling containers and all waste and recyclable material generated by the site.	Loading dock is the area being used for the waste storage and Grasshopper pick up the bins every 2 days. Waste gets segregated offsite, sighted inspection report 21/5/19 showing the process for segregation at Eastern Creek. Truck routes with EPL number sighted from Bingo, Auburn EPL No. 10935 and KLF Recycling, Asquith EPL No. 20582. Tipping and Greenstar report 17/08/2018. Acceptance letter for Genesis Landfill & recycle centre 9/3/2018. There will be waste storage facilities as per the "Modification of Development Consent" dated 8 <sup>th</sup> May 2019, where separate storage and collection of organics/food waste is no longer required, this is part of the Green Star Building.	Y
4.34	C15	The body of any vehicle or trailer used to transport waste or excavation spoil must be covered before leaving the premises to prevent any spillage or escape of any dust, waste of spoil. Mud, splatter, dust and other material likely to fall from or be cast off the wheels, underside or body of any vehicle, trailer or motorised plant leaving the site must be removed before leaving the premises.	Trucks loads are covered coming out of a mast. Grass Hopper covers material, except steel bins. Drivers are liable if the trucks don't get covered. Truck routes with EPL number sighted from Bingo, Auburn EPL No. 10935 and KLF Recycling, Asquith EPL No. 20582. Dust suppression being used for demolition. Currently for Milestone 3 there is normal watering for dust suppression and street sweeper on the roads.	Y

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Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
			New Evidence: Currently any vehicles access an area of the site that is clean and does not require cattle grid. All construction vehicles are required to have the load covered when they leave the site.	
4.35	C16	The Contractor must ensure that concrete waste and rinse water are not disposed of on the Subject Site and are prevented from entering any natural or artificial watercourse.	Sighted concrete washout bay during site walk.	Y
4.36	C34	<b>Excavated Material</b> All excavated material removed from the site must be classified by a suitably qualified person in accordance with the Department of Environment, Climate Change and Water NSW Waste Classification Guidelines prior to disposal to an approved waste management facility.	There was no excavated material as part of the current works onsite. Asbestos material as a result of demo was removed. Sighted asbestos assessment completed by Douglas Partners 28/9/19 and Asbestos Removal Control Plan dated 25/11/19 (Issue 1) by ASP Australia. New evidence: Engaged Douglas Partners to prepare a report for all excavated material – Area 1. Senversa – Auditors, they audited the Douglas Partners report and prepared a subsequent report, which was submitted to the Certifier on 9/10 /20 (this covers Condition D12, to be reviewed in future audits).	Y
4.37	C36	<b>Trade Waste</b> Liquid trade waste generated on the site must be discharged in accordance with a trade waste agreement with Sydney Water and by a licensed liquid trade waste contractor.	Sighted Water Meter Report Card for control of water quality, last one done on the 17/3/2020. Water turbidity and pH were within limits. Ok to pumped out to stormwater after verification of measurements. Has not carried out any water discharges recently. Sighted the Water Meter Report Card template, which was updated to include Location as per OFI from previous audit.	Y
4.38	C21	All construction vehicles associated with the proposed development are to be contained on site, unless otherwise approved through the approval for a construction zone on the Council roadway	Approval letter from Hornsby Shire Council for the 'Work Zone' 5/6/18 – applied on 29/05/18. Ref No. F2004/09773. Vehicles load and unload within the site, the works zone is more for vehicles waiting, as necessary. There is currently no need to have vehicles outside the worksite.	Y
4.39	C22	Demolition	Demolition works (structural) started as part Milestone 3 in April 2020, demolition of building 2.	NA

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Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
		<p>To protect the surrounding environment, all demolition work must be carried out in accordance with "Australian Standard 2601-2001 - The Demolition of Structures" and the following requirements:</p> <ul style="list-style-type: none"> <li>- Demolition material must be disposed of to an authorised recycling and/or waste disposal site and/or in accordance with an approved waste management plan</li> <li>- Any asbestos to be removed by a licenced contractor</li> <li>- Meet signage requirements</li> </ul>	<p>Waste analysis and classification report by Geotesta by Delta Group 3/3/2020 No. NE596.3. Asbestos clearance inspection by EHO Consulting completed on the 6/3/2020.</p> <p>Certificate of analysis done by Douglas Partners 25/3/2020.</p> <p>Has sent notification to SafeWork NSW "Notice of intention to remove asbestos" – for 1, 2, 13 &amp; 43, dated 12/11/20. Will commence removal works soon. This will be reviewed during next audit.</p>	
4.40	B11, C19	<p><b>Erosion and Sediment Control</b></p> <p>Soil erosion and sediment control measures must be designed in accordance with Blue Book &amp; approved by certifying authority.</p> <p>Control measures to be effectively implemented and maintained for the duration of the works.</p>	<p><b>B11.</b> TTW – civil consultants – provided a Sediment Control Plan – mostly from Blue Book – CIV-DNG-00-902 Rev. A 28/06/2018 issued for construction. Erosion and Sediment Control Plan has been reviewed 21/08/2019 and sighted the new revision issued 24/06/2020. Has periodic inspections with TTW.</p> <p><b>C19.</b> ErSed Controls were observed during site visit, e.g. sand bags around drains and slit fence. However, Additional Erosion and Sediment controls could be added around a small stockpile resulting from a retaining wall recently built close to the site office – OFI.</p>	<b>OFI-01</b>
4.41	C20	<p><b>Disposal of Seepage and Stormwater</b></p> <p>Not to be pumped to the street stormwater system unless approved</p>	<p>Wastewater is tested. Sighted Water Meter Report Card for control of water quality, reading on 18/9/19, turbidity, pH within limits. Ok to discharge.</p> <p>No disposal of seepage or stormwater has been required within the last six months.</p>	Y
4.42	C12, C13	<p><b>Contamination</b></p> <p>Remediation works at the site are to be undertaken in accordance with the recommendations and findings of the Remediation Action Plan prepared by Douglas Partners and dated May 2018.</p> <p><b>C13</b> Should any new information come to light during construction works which has the potential to alter previous conclusions about contamination, the Certifying Authority must be immediately notified, and works must cease in the vicinity of the suspected contamination. The Certifying Authority will determine whether further investigation, or the</p>	<p>Demolition of Building 2 (structural) started in April 2020. Remediation works records sighted as part of the asbestos records.</p> <p>Sighted Remediation Action Plan 18 May 2020 (Rev.2 - amended) from Douglas Partners, to include Building 2 for the sub-floor.</p> <p>New evidence:</p> <p>For the Emergency Extension site some inground services works were conducted and took samples to review for asbestos, but all came back negative. – Sighted Envirolab Certificate of Analysis 256415 of 23/11/20 validation sampling 73224.19.</p>	Y



Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
		need for remediation, is required before construction works can recommence		
4.43	C17	<b>Handling of Asbestos</b> The Applicant is to consult with SafeWork NSW concerning the handling of any asbestos waste that may be encountered during construction	Remediation Action Plan 18 May 2020 (Rev.2) from Douglas Partners, to include Building 2 for the sub-floor. Asbestos Removal Control Plan by ASP Australia dated 25 November 2019 was sighted. ASP is the licenced removal contractor. Sighted Aconex communication of 6/12/19. Asbestos clearance inspection by EHO Consulting completed on the 6/3/2020. Certificate of analysis done by Douglas Partners 25/3/2020. New Evidence: Has sent notification to SafeWork NSW "Notice of intention to remove asbestos" – for 1, 2, 13 & 43, dated 12/11/20. Will commence removal works soon. This will be reviewed during next audit.	Y
4.44	C18	<b>Unexpected Finds - Non-Aboriginal Heritage</b> Procedure in place, cease works, contact OEH, assess, take action.	Not Triggered. No cultural / non-Aboriginal Heritage finds. Mentioned statues of lions, which have been saved and will be relocated.	NA
4.45	C25, C26	<b>Hoarding/Fencing Requirements</b> A temporary hoarding, fence or awning must be erected between the work site and adjoining lands before the works begin and must be kept in place until after the completion of the works; Other requirements: no advertising material, no graffiti. Permit for hoardings over council footways or road reserve.	Have a mixture of solid hoardings and fencing in the perimeter of the site. Condition monitored daily. No issues identified during the site walk. New fencing, in accordance with the areas recently handed over e.g. former main entry (building 1) and buildings 2, 13, 43.	Y
4.46	C33	<b>Council Property</b> – no building materials, waste, machinery or related matter is to be stored on the road or footpath	Site is well enclosed; no materials present on footpath as observed during site walk.	Y
4.47	C35	Storage of <b>Flammable and Combustible Goods</b> in banded area	Sighted Hazardous Chemicals register S08-04-10.01 with oxygen compressed from Sparten Steel expiry date 27/06/2022. Other flammable liquids were banded and diesel containers in place.	Y

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			<p>Spill kits available on site. <b>Note:</b> Watpac to ensure that spills kits are accessible at all times with no obstructions around them.</p> <p>Lay down area on Derby road has a caged area for jerry cans and there is a spill kit available within close proximity.</p>	
4.48	C37	<p><b>Traffic Control Compliance</b></p> <p>The development must be carried out in accordance with the Construction Traffic Management Plan prepared under this consent.</p>	<p>Permanent traffic controllers were sighted at the site entry as per TMP. TMP prepared by RTMS (staff blue card).</p> <p>Will submit plans as required, e.g. Traffic control Plans have been approved for the new access on Palmerston Road. RTMS is the Traffic Management Contractor. Sighted email correspondence between RTMS and Council (10/12/19 &amp; email trail below) regarding permit approval. Sighted Hornsby Shire Council Permit Ref. CLOSE/17/2019 of 9 December 2019.</p> <p>New Evidence:</p> <p>TMPs have been developed for access to buildings 13 and 43 - sighted. Also another showing access for Milestone 3 &amp; Emergency Dept car park.</p> <p>Plans were prepared by OTMS Roads and Traffic Management Services.</p>	Y
4.49	Emergency preparedness and response (8.2)			
4.50	8.2; B7	<p>The Contractor has established procedures to:</p> <ul style="list-style-type: none"> <li>- identify potential emergency situations and potential accidents that can have an impact(s) on the environment</li> <li>- determine how it will respond to them</li> </ul>	<p>Have an Emergency Response Plan Rev.6 of 13/11/19 signed by the PM. Includes different scenarios of safety and environmental emergencies. Have flowcharts for:</p> <ul style="list-style-type: none"> <li>- Notifications; - Injuries; - Evacuation; - Medical emergencies;</li> <li>- Fire</li> </ul> <p>New evidence:</p> <p>Sighted Emergency Response Plan Rev 10 of 3/12/20 – updated with staff changes.</p>	Y
4.51	8.2	The emergency response procedures include measures to prevent or mitigate associated adverse environmental impacts.	As above	Y

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
4.52	8.2	Emergency preparedness and response procedures are periodically reviewed and revised, as necessary, in particular, after the occurrence of accidents or emergency situations. Emergency preparedness and response procedures are periodically tested, where practicable	<p>The Emergency Plan is reviewed periodically, as the site layout changes. For Rev. 6 some roles were updated, and the Hospital St. evacuation plan was included. Has Emergency Contacts List in place.</p> <p>Sighted Emergency evac plans for the different areas, e.g. level 0, level 1, etc. – Dated 3/12/2020</p> <p>Sighted Toolbox talk for awareness of evac plans.</p> <p>Sighted Fire warden training conducted by Pinnacle on 22/10/20 – e.g. for Aurelie Bolle. – Module: Operate as part of an emergency control organisation.</p>	Y
<b>5.0</b>	<b>Performance Evaluation (9.0)</b>			
<b>5.1</b>	<b>Monitoring and measurement (9.1)</b>			
5.2	9.1	Documented procedures have been established to monitor and measure on a regular basis the key characteristics of operations that can have significant environmental impacts.	<p>Conduct weekly Environmental Inspections – have a folder with inspections e.g. sighted environment Inspection checklist dated 10/02/2020; includes photos of controls in place during the inspection. The report was revamped and reduced to 1 page.</p> <p>E.g. sighted inspection for 14/12/20.</p> <p>Also Inspection for 25/9/2020 – checking spill kits, cleanliness, noise, etc.</p>	Y
5.3	9.1.1	<p>The procedures include:</p> <ul style="list-style-type: none"> <li>- the documenting of information to monitor performance</li> <li>- effectiveness of applicable operational controls</li> <li>- conformity with the organization's environmental objectives and targets</li> </ul>	<p>Monitoring is documented in the PEMP.</p> <p>Effectiveness to be assessed when preparing Performance Report for Planning. Conformity with environmental objectives and targets assessed.</p> <p>Monthly reports, e.g. Sighted Contractor's Monthly PCG Report for November 2020. Section 8 has summary of environmental results.</p>	Y
5.4	9.1.1	Monitoring and measuring equipment is calibrated, maintained and stored as necessary. Records or calibration are maintained	<p>Noise monitor self-calibrates – gets a new device each year.</p> <p>No vibration monitors required for this period.</p>	Y
5.5	A11	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	Environmental monitoring, e.g. Independent Environmental Audits (by AQUAS) – as per SSD Conditions B39, B40; Environmental inspections.	Y

**Audit Compliance Codes:** Y: Compliance achieved; N-Major: Major non-conformance; N-Minor: Minor non-conformance; OFI: Opportunity for Improvement; NA: Not Applicable/Not Triggered

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
		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, noncompliance notification and independent environmental auditing.	Last internal audit carried out by Watpac on 18/06/19 by Quality Manager, no other audits so far.	
5.6	B35, B36	<b>Compliance Reporting</b> A Pre-Construction Compliance Report must be prepared for the development and submitted to the Certifying Authority for approval before the commencement of construction works.	Report by Blackett and McGuire Goldsmith.	Y
5.7	B37, B38, C30	Construction Compliance Reports must be submitted to the Department at <a href="mailto:compliance@planning.nsw.gov.au">compliance@planning.nsw.gov.au</a> for information every six months from the date of commencement of construction, for the duration of construction. The Construction Compliance Reports must provide details on the compliance performance of the development for the preceding six months and must be submitted within one month following the end of each six-month period for the duration of construction of the development, or such other timeframe as required by the Secretary. The Construction Compliance Reports must include: <ul style="list-style-type: none"> <li>i. a results summary and analysis of environmental monitoring;</li> <li>ii. the number of any complaints received, including a summary of main areas of complaint, action taken, response given and proposed strategies for reducing the recurrence of such complaints;</li> <li>iii. details of any review of the CEMP and the Environmental Management Strategy and associated sub-plans as a result of construction carried out during the reporting period;</li> <li>iv. a register of any modifications undertaken and their status;</li> <li>v. results of any independent environmental audits and details of any actions taken in response to the recommendations of an audit;</li> <li>vi. a summary of all incidents notified in accordance with this consent; and</li> <li>vii. any other matter relating to compliance with the terms of this consent or requested by the Secretary.</li> </ul>	Construction Compliance Report dated 1/02/2020 for August 2019 to February 2020 period has been submitted to the DPIE on 7/4/2020, sighted email dated 7/4/2020. Report was sent just few days outside of the timeframe requirement. Report includes: <ul style="list-style-type: none"> <li>- Compliance status summary in section 4;</li> <li>- Complaints in section 8 – Appendix B;</li> <li>- Environmental Monitoring in section 3;</li> <li>- Authorities (SSD Approvals and Crown certificate) in section 2.5.1;</li> <li>- Non-compliances from independent environmental audits in section 5 and previous report actions in section 6;</li> <li>- Incidents section 7;</li> <li>- Appendices</li> </ul> Sighted the Construction Compliance Report dated 17 September 2020, submitted to HI for submission to DPIE. Sighted email from Rachel Mitchell on 22/09/20 confirming that the Construction Compliance Report has been submitted to Planning. The email has attached form showing details of the submission to the Planning Portal.	Y

**Audit Compliance Codes:** Y: Compliance achieved; N-Major: Major non-conformance; N-Minor: Minor non-conformance; OFI: Opportunity for Improvement; NA: Not Applicable/Not Triggered

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
5.8	B39, B40, B41	<p><b>Independent Environmental Audit</b></p> <p>No later than a month before the commencement of construction works or as agreed with the Secretary, a program of independent environmental audits must be prepared for the development in accordance with the latest version of ASINZS ISO 19011-2014: Guidelines for Auditing Management Systems (Standards Australia, 2014) and submitted to the Secretary for information.</p> <p>The scope of each audit must be defined in the program. The program must ensure that environmental performance of the development in relation to each compliance requirement that forms the audit scope is assessed at least once in each audit cycle.</p> <p>The environmental audit program prepared and submitted to the Secretary must be implemented and complied with for the duration of the development.</p> <p>&gt; All independent environmental audits of the development must be conducted by a suitably qualified, experienced and independent team of experts and be documented in an audit report which:</p> <ol style="list-style-type: none"> <li>assesses the environmental performance of the development, and its effects on the surrounding environment including the community;</li> <li>assesses whether the development is complying with the terms of this consent;</li> <li>reviews the adequacy of any document required under this consent; and</li> <li>recommends measures or actions to improve the environmental performance of the development, and improvements to any document required under this consent.</li> </ol> <p>&gt; Within three months of commencing an Independent Environmental Audit, or as agreed with the Secretary, a copy of the audit report must be submitted to the Secretary, and any other NSW agency that requests it, together with a response to any recommendations contained in the audit report, and a timetable for the implementation of the recommendations. The</p>	<p>Environmental Audits conducted by AQUAS in September 2018, January, June and December 2019, as per the Audit Program submitted to the client.</p> <p>Presented confirmation of receipt of the August 2019 to February 2020 Construction Compliance Report by DPIE on the 7/4/2020, which included submission of the December 2020 Audit Report.</p> <p>Notification was sent to HI on 12/2/2020 with a copy of the audit report for Dec 2019.</p> <p>Environmental audits conducted by AQUAS, last one done in June 2020. Audit report for the June 2020 audit was submitted with the latest Compliance Report on 17 September 2020.</p>	Y

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
		recommendations must be implemented to the satisfaction of the Secretary		
5.9	C27	<p>At least 48 hours before commencement of construction until the completion of all works under this consent, or such other time as agreed by the Secretary, the Applicant must:</p> <ol style="list-style-type: none"> <li>make the following information and documents (as they are prepared, obtained or approved) publicly available on its website: <ol style="list-style-type: none"> <li>the documents referred to in condition A2 of this consent;</li> <li>all current statutory approvals for the development;</li> <li>all approved strategies, plans and programs required under the conditions of this consent;</li> <li>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;</li> <li>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;</li> <li>a summary of the current stage and progress of the development;</li> <li>contact details to enquire about the development or to make a complaint;</li> <li>a complaints register, updated monthly;</li> <li>audit reports prepared as part of any independent environmental audit of the development and the Applicant's response to the recommendations in any audit report;</li> <li>any other matter required by the Secretary; and</li> </ol> </li> <li>keep such information up to date, to the satisfaction of the Secretary.</li> </ol> <p><b>Note:</b> This condition does not require any confidential information to be made available to the public.</p>	<p>Information has been published to Infrastructure and NSLHD webpages.</p> <p>HI website includes a copy of the Compliance report for Feb 2020; However, no monitoring results/records have been published.</p> <p>Opportunity for Improvement from previous audit is not yet closed.</p> <p>Sighted in HI website for the HKH2 project – the noise and water monitoring results are now published. However, other information required is now not included, e.g. the CEMP and other sub-plans, the Complaints Register, Audit report for Independent Audit 5, and other – OFI.</p>	OFI-02



Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
5.10	Internal Audit (9.2)			
5.11	9.2	The Contractor has ensured that internal audits of the EMS are conducted at planned intervals to determine: <ol style="list-style-type: none"> <li>whether it conforms to planned arrangements for environmental management including the requirements of the Standard</li> <li>whether it has been properly implemented and is maintained</li> </ol>	An internal audit was carried out by Watpac H.O. on 18/06/19. No further internal audits, but maintains weekly WHSE Inspections. Will have a Quality audit Wednesday in late December 2020.	Y
5.12	Management Review (9.3)			
5.13	9.3	Top management reviews the EMS at planned intervals to ensure its continuing suitability, adequacy and effectiveness. Reviews include assessing opportunities for improvement and the need for changes to the EMS, including the environmental policy and environmental objectives and targets.	Happens at a Head Office level. Evidence not available onsite	NA
6.0	Improvement (10.0)			
6.1	Nonconformity, corrective and preventive action (10.2)			
6.2	10.2	Procedures are in place for: <ol style="list-style-type: none"> <li>identifying and correcting nonconformities and taking actions to mitigate their environmental impacts</li> <li>investigating nonconformities, determining their causes and taking actions in order to avoid their recurrence</li> <li>evaluating the need for actions to prevent nonconformities or avoid their occurrence</li> <li>recording the results of corrective and preventive actions taken</li> <li>reviewing the effectiveness of corrective and preventive actions</li> </ol>	Sighted Non-Conformance Register N206-FRM-003 Rev.01 (last one printed in May 2020). Register has actions for quality, safety environmental issues e.g. item WTPC-NCR-000023 refers to sedimentation controls requiring rectification, dated 8/7/19. Action closed out.  Last Non-conformance was raised on the 6/6/2020. NCs 11 and 12 have been closed.  Has the same non-conformance register. Latest was raised on 25/11/2020, however that was not environmental related.	Y
6.3	10.2	Any necessary changes arising from corrective and preventive actions are reflected in the EMS documentation.	None triggered by environmental NCRs. Reviews would be made as required.	NA

**Audit Compliance Codes:** Y: Compliance achieved; N-Major: Major non-conformance; N-Minor: Minor non-conformance; OFI: Opportunity for Improvement; NA: Not Applicable/Not Triggered

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
6.4	A12 A13 A14	The Department must be notified in writing to <a href="mailto:compliance@planning.nsw.gov.au">compliance@planning.nsw.gov.au</a> within seven days after the Applicant becomes aware of any non-compliance. The Certifying Authority must also notify the Department within seven days after they identify any non-compliance. 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. A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	Not Triggered. No non-compliances identified so far that need to be notified.	NA
6.6	Complaints Management			
6.7	B30	Complaints and enquiries procedure  The following must be made available for community enquiries and complaints for the duration of construction:  a) a toll-free 24-hour number for complaints and enquiries about the works; b) a postal address to which written complaints and enquires may be sent; and c) an email address to which electronic complaints and enquiries may be transmitted.	Have a Complaints Register.  24-hour number and email address available in signage at worksite entrance.	Y
6.8	B31	A Complaints Management System must be implemented, including a Complaints Register to be maintained recording information about all complaints associated with the project, e.g.  d) number of complaints received; e) number of people affected in relation to a complaint; f) nature of the complaint and means by which the complaint was addressed and whether resolution was reached, with or without mediation.	Sighted Complaints Register – Status date 21/11/20, 6 new complaints recorded since the last audit, e.g. 15/07/20 regarding noise, smoking, waste, another one on 22/07 regarding rubbish.	Y
6.9	Incident Management			

**Audit Compliance Codes:** Y: Compliance achieved; N-Major: Major non-conformance; N-Minor: Minor non-conformance; OFI: Opportunity for Improvement; NA: Not Applicable/Not Triggered

Item	Part	Audit Criteria	Documentation Reference	Compliance Rating
6.10	A23, C28	The Department must be notified in writing to <a href="mailto:compliance@planning.nsw.gov.au">compliance@planning.nsw.gov.au</a> within 24 hours 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.	Not Triggered. No notifiable environmental incidents have been reported.	NA
6.11	A24	<p>a) A written incident notification must also be emailed to the Department at the following address:  <a href="mailto:compliance@planning.nsw.gov.au">compliance@planning.nsw.gov.au</a> within seven days after the Applicant becomes aware of an incident.  Notification is required to be given under this condition even if the Applicant forms the view that an incident has not occurred.</p> <p>b) Written notification of an incident must:</p> <ul style="list-style-type: none"> <li>i) identify the development and application number;</li> <li>ii) provide details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident);</li> <li>iii) identify how the incident was detected;</li> <li>iv) identify when the Applicant became aware of the incident;</li> <li>v) identify any actual or potential non-compliance with conditions of consent;</li> <li>vi) describe what immediate steps were taken in relation to the incident;</li> <li>vii) identify further action(s) that will be taken in relation to the incident; and</li> <li>viii) identify a project contact for further communication regarding the incident.</li> </ul>	As above.	NA
6.12	C29	Within seven days of the detection of the incident, the Applicant must provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested in accordance with condition A 19.	As above.	

**Appendix B – Proposed Environmental Audit Schedule (Rev.02 – Feb 19)**

- Proposed Environmental Audit Schedule

13 - June 20)

Item	Area	Scope of Audit	Auditor	Risk**	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
1	Environmental Management System compliance	AS/NZS ISO 14001:2015 Environmental Management System	AQUAS Auditor*	High																																			
2	CEMP	As per CEMP requirements (focus on training, incidents and risk management) and Development Consent SSD 8647	AQUAS Auditor*	High																																			
3	Community Consultation, Enquiries and Complaints Management	As per the CEMP and Consent Requirements	AQUAS Auditor*	High																																			
4	Traffic Management	As per the Traffic Management Sub-Plan	AQUAS Auditor*	High																																			
5	Erosion and Sedimentation Controls; Soil and Water	As per the Erosion and Sedimentation Control Sub-plan, Soil and Water Sub-Plans	AQUAS Auditor*	High																																			
6	Noise and Vibration	As per Noise and Vibration Sub-plan	AQUAS Auditor*	Medium																																			
7	Hazardous Substances and Dangerous Goods (including Asbestos management and Graffiti Removal)	As per the HS&DG Sub-plan	AQUAS Auditor*	Medium																																			
8	Air Quality	As per Air Quality Sub-plan	AQUAS Auditor*	Medium																																			
9	Waste and Recycling	As per Waste and Recycling Sub-Plans	AQUAS Auditor*	Medium																																			
10	Emergency Evacuation and Business Continuity	As per the CEMP requirements	AQUAS Auditor*	Medium																																			
11	Vegetation and Pest Management	As per Vegetation and Pesticides Sub-plans	AQUAS Auditor*	Medium																																			
12	Heritage Finds	As per Heritage Management Sub-Plan	AQUAS Auditor*	Low																																			
13	Sustainability and Out of Hours Energy	As per Sustainability Sub-plan and Energy Management Plan	AQUAS Auditor*	Low																																			

\* The specific auditor for each audit will be selected from the nominated auditors in Proposal P15106.01

\*\* Risk level to be discussed and agreed with the relevant stakeholders

Planned  
Postponed  
Actual

## Appendix C – OFI-01 Close Out Email Thread



## Venetis, Yianni

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**From:** Garzon, Luis  
**Sent:** Monday, 21 December 2020 5:19 PM  
**To:** Venetis, Yianni  
**Subject:** RE: Audit Issue

Hi Yianni,

Thank you for sending the photos. Yes, this is good to close the OFI.

Regards,

**Luis Garzon** | Consultant |  
**AQUAS** | Level 7, 116 Miller Street, North Sydney NSW 2060 |  
phone: +61 2 9963 9908 | fax: +61 2 9954 1951 | mobile: +61 403 461 040 |  
email: [luis.garzon@aquas.com.au](mailto:luis.garzon@aquas.com.au) | ABN 40 050 539 010 |

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**From:** Venetis, Yianni  
**Sent:** Monday, 21 December 2020 1:34 PM  
**To:** Garzon, Luis <[luis.garzon@aquas.com.au](mailto:luis.garzon@aquas.com.au)>  
**Subject:** FW: Audit Issue

Hi Luis,

Please see attached photos for the environmental controls installed around the pile located near the retaining wall leading to the site offices.

We trust this closes out the OFI you raised during the December 2020 Environmental Audit.

Let me know if you require anything further.

Kind Regards,

**Yianni Venetis** | [Project Manager](#) | [Connect with me on LinkedIn](#)



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**From:** Mark Cahalin <[mcahalin@watpac.com.au](mailto:mcahalin@watpac.com.au)>  
**Sent:** Thursday, 17 December 2020 4:15 PM  
**To:** Venetis, Yianni <[Yianni.Venetis@app.com.au](mailto:Yianni.Venetis@app.com.au)>

**Cc:** Helena Veljovic <[hveljovic@watpac.com.au](mailto:hveljovic@watpac.com.au)>; Aurelie Bolle <[abolle@watpac.com.au](mailto:abolle@watpac.com.au)>  
**Subject:** RE: Audit Issue

Yianni,

Photos attached.

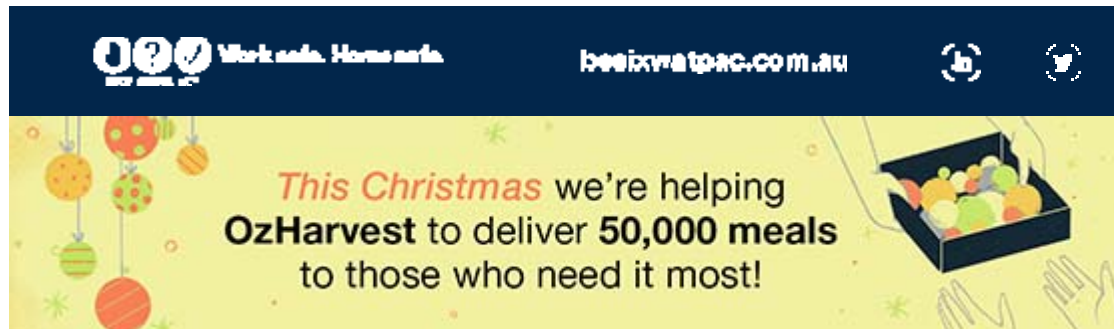


**Mark Cahalin**

Project Manager

P 02 8741 7400 M 0411 679 160

Palmerston Road  
Hornsby NSW 2007



---

**From:** Venetis, Yianni <[Yianni.Venetis@app.com.au](mailto:Yianni.Venetis@app.com.au)>  
**Sent:** Wednesday, 16 December 2020 1:12 PM  
**To:** Mark Cahalin <[mcahalin@watpac.com.au](mailto:mcahalin@watpac.com.au)>  
**Subject:** FW: Audit Issue

Hi Mark,

Please see below response from Luis regarding the pile at the retaining wall adjacent to the substation, he has agreed to keep this item as an OFI.

Can you please set up environmental controls around the pile in the meantime before the wall is backfilled and send through a photo to close out the below OFI?

Kind Regards,

**Yianni Venetis** | Project Manager | [Connect with me on LinkedIn](#)



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**From:** Garzon, Luis  
**Sent:** Wednesday, 16 December 2020 12:37 PM

**To:** Venetis, Yianni <[Yianni.Venetis@app.com.au](mailto:Yianni.Venetis@app.com.au)>

**Subject:** RE: Audit Issue

Hi Yianni,

Thank you for your response. I will raise this as an Opportunity for Improvement in the audit report.

As this won't be there in the next audit, can I ask you to please take photo of the controls once they are installed for issue closeout.

Cheers,

**Luis Garzon** | Consultant |

**AQUAS** | Level 7, 116 Miller Street, North Sydney NSW 2060 |

phone: +61 2 9963 9908 | fax: +61 2 9954 1951 | mobile: +61 403 461 040 |

email: [luis.garzon@aquas.com.au](mailto:luis.garzon@aquas.com.au) | ABN 40 050 539 010 |

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---

**From:** Venetis, Yianni

**Sent:** Wednesday, 16 December 2020 11:49 AM

**To:** Garzon, Luis <[luis.garzon@aquas.com.au](mailto:luis.garzon@aquas.com.au)>

**Subject:** RE: Audit Issue

Hi Luis,

Thanks again for coming out on Monday.

I had a chat and went over to inspect the pile near the retaining wall with Watpac and I can confirm that there are no drain pits nearby and as such there is no way run off can end up in the stormwater.

If you are happy with the above confirmation please let me know if you will note that item as an OFI?

Kind Regards,

**Yianni Venetis** | Project Manager | [Connect with me on LinkedIn](#)



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**From:** Garzon, Luis

**Sent:** Monday, 14 December 2020 4:42 PM

**To:** Venetis, Yianni <[Yianni.Venetis@app.com.au](mailto:Yianni.Venetis@app.com.au)>

**Subject:** Audit Issue

Hi Yianni,

I've looked at the issue identified with Erosion/Sedimentation controls around the pile next to that retaining wall next to the site office. Seeing that the area is small and as long as there are no drain pits nearby where runoff could go, I can raise it as an Opportunity for Improvement.

Can you please confirm with Watpac and let me know.

Regards,

Luis Garzon | Consultant | AQUAS |  
Level 7, 116 Miller Street, North Sydney NSW 2060 Australia |  
Office: +61 2 9963 9917 | mobile: +61 403 461 040 |  
email: [luis.garzon@aquas.com.au](mailto:luis.garzon@aquas.com.au) |  
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## **Appendix D – OFI-02 Close Out Email Thread**

## Venetis, Yianni

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**From:** Garzon, Luis  
**Sent:** Wednesday, 10 February 2021 5:16 PM  
**To:** Venetis, Yianni  
**Subject:** RE: Documents to be Uploaded to HI HKH Stage 2 Website

Hi Yianni,

I've checked the website and found the information required is in place to close out the OFI raised during our last audit. A couple of comments:

1. there's a "Water Discharge & Noise Monitoring Register" and "Water and Noise Testing Register" – I think they both refer to the same; however one is updated and the other isn't. Suggest to delete the outdated register.
2. As I understand from our recent chat, the response to AQUAS audit findings is included in your Compliance Reports, so that should be Ok.
3. Pls remember the site needs to be maintained up to date, e.g. the most recent AQUAS report (Jan 2021) is to be uploaded within a certain timeframe.

Cheers,

**Luis Garzon** | Consultant |  
**AQUAS** | Level 7, 116 Miller Street, North Sydney NSW 2060 |  
phone: +61 2 9963 9908 | fax: +61 2 9954 1951 | mobile: +61 403 461 040 |  
email: [luis.garzon@aquas.com.au](mailto:luis.garzon@aquas.com.au) | ABN 40 050 539 010 |  
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**From:** Venetis, Yianni  
**Sent:** Tuesday, 9 February 2021 3:08 PM  
**To:** Garzon, Luis <[luis.garzon@aquas.com.au](mailto:luis.garzon@aquas.com.au)>  
**Subject:** RE: Documents to be Uploaded to HI HKH Stage 2 Website

Hi Luis,

Following up to see if you have had a chance to review the docs uploaded to the HI project website?

Kind Regards,

**Yianni Venetis** | Project Manager | [Connect with me on LinkedIn](#)



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**From:** Garzon, Luis  
**Sent:** Tuesday, 2 February 2021 12:09 PM  
**To:** Venetis, Yianni <[Yianni.Venetis@app.com.au](mailto:Yianni.Venetis@app.com.au)>  
**Subject:** RE: Documents to be Uploaded to HI HKH Stage 2 Website

Hi Yianni,  
Thank you for that. I'll check the website sometime this week and let you know.

Regards,

**Luis Garzon** | Consultant |  
**AQUAS** | Level 7, 116 Miller Street, North Sydney NSW 2060 |  
phone: +61 2 9963 9908 | fax: +61 2 9954 1951 | mobile: +61 403 461 040 |  
email: [luis.garzon@aquas.com.au](mailto:luis.garzon@aquas.com.au) | ABN 40 050 539 010 |  
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**From:** Venetis, Yianni  
**Sent:** Monday, 1 February 2021 2:32 PM  
**To:** Garzon, Luis <[luis.garzon@aquas.com.au](mailto:luis.garzon@aquas.com.au)>  
**Subject:** FW: Documents to be Uploaded to HI HKH Stage 2 Website

Hi Luis,

Please see below conformation that all required project documents raised as OFI-02 during the Dec 2020 audit have now been uploaded to the HI HKH Project website (refer to link below).

Can you please have a look at the website and confirm that what has now been uploaded closes out OFI-02 raised during the Dec 2020 audit?

Kind Regards,

**Yianni Venetis** | Project Manager | [Connect with me on LinkedIn](#)



Property and Infrastructure Specialists

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**From:** Alice Brodie (Health Infrastructure) <[Alice.Brodie@health.nsw.gov.au](mailto:Alice.Brodie@health.nsw.gov.au)>  
**Sent:** Monday, 1 February 2021 11:24 AM  
**To:** Venetis, Yianni <[Yianni.Venetis@app.com.au](mailto:Yianni.Venetis@app.com.au)>  
**Cc:** Antony Giorgini (Health Infrastructure) <[Antony.Giorgini@health.nsw.gov.au](mailto:Antony.Giorgini@health.nsw.gov.au)>; Embury, Bradley <[Bradley.Embury@app.com.au](mailto:Bradley.Embury@app.com.au)>  
**Subject:** RE: Documents to be Uploaded to HI HKH Stage 2 Website

Hi Yianni,

The documents have now been uploaded to the HI website;

<https://www.hinfra.health.nsw.gov.au/our-projects/project-search/hornsby-ku-ring-gai-hospital-redevelopment-stage-2>

Alice

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**From:** Alice Brodie (Health Infrastructure)  
**Sent:** Sunday, 31 January 2021 7:12 PM  
**To:** 'Venetis, Yianni' <[Yianni.Venetis@app.com.au](mailto:Yianni.Venetis@app.com.au)>  
**Cc:** Antony Giorgini (Health Infrastructure) <[Antony.Giorgini@health.nsw.gov.au](mailto:Antony.Giorgini@health.nsw.gov.au)>; Embury, Bradley <[Bradley.Embury@app.com.au](mailto:Bradley.Embury@app.com.au)>  
**Subject:** RE: Documents to be Uploaded to HI HKH Stage 2 Website

Hi Yianni – the documents are with out internal comms team for upload. I'll notify you once they confirm it's all uploaded.

Thanks,  
Alice

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**From:** Venetis, Yianni <[Yianni.Venetis@app.com.au](mailto:Yianni.Venetis@app.com.au)>  
**Sent:** Friday, 29 January 2021 10:59 AM  
**To:** Alice Brodie (Health Infrastructure) <[Alice.Brodie@health.nsw.gov.au](mailto:Alice.Brodie@health.nsw.gov.au)>  
**Cc:** Antony Giorgini (Health Infrastructure) <[Antony.Giorgini@health.nsw.gov.au](mailto:Antony.Giorgini@health.nsw.gov.au)>; Embury, Bradley <[Bradley.Embury@app.com.au](mailto:Bradley.Embury@app.com.au)>  
**Subject:** RE: Documents to be Uploaded to HI HKH Stage 2 Website

Hi Alice,

Just following up to see how you progressing with the below request?

Kind Regards,

**Yianni Venetis** | Project Manager | [Connect with me on LinkedIn](#)



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**From:** Venetis, Yianni  
**Sent:** Friday, 22 January 2021 3:55 PM  
**To:** Alice Brodie (Health Infrastructure) <[Alice.Brodie@health.nsw.gov.au](mailto:Alice.Brodie@health.nsw.gov.au)>  
**Cc:** Antony Giorgini (Health Infrastructure) <[Antony.Giorgini@health.nsw.gov.au](mailto:Antony.Giorgini@health.nsw.gov.au)>; Embury, Bradley <[Bradley.Embury@app.com.au](mailto:Bradley.Embury@app.com.au)>  
**Subject:** Documents to be Uploaded to HI HKH Stage 2 Website

Hi Alice,

During our last Environmental Audit in Dec 2020 the auditor identified that we did not have all the documents we require as per SSD Condition C27 uploaded onto the HI HKH Stage 2 website and raise this as an 'opportunity for improvement' (OFI).

In order to close out this OFI can you please upload the attached documents onto HI's HKH Stage 2 project website? The documents include;

- Latest Construction Environmental Management Plan (Rev 6)
- Construction Report 4 - September 2020
- Updated water discharge & noise monitoring register (up until Dec 2020) – (replace outdated register currently on the website)
- AQUAS Independent Audit Report 5 Jun/2020
- Latest Complaints register

Kind Regards,

**Yianni Venetis** | Project Manager | [Connect with me on LinkedIn](#)



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