





Independent Environmental Audit 1 Waterloo Metro Quarter Basement SSD 10438

6 September 2023

Prepared for:

WL Developer Pty Ltd

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Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127 WL Developer Ltd		Final - Rev 0





TABLE OF CONTENTS

1	E	(ECUTIVE SUMMARY	4
2	IN	TRODUCTION	6
	2.1	BACKGROUND	6
	2.2	PROJECT LOCATION AND SITE DESCRIPTION	6
	2.3	AUDIT TEAM	7
	2.4	AUDIT OBJECTIVES	8
	2.5	AUDIT SCOPE	8
	2.6	Period covered by Audit	8
3	Α	JDIT METHODOLOGY	9
	3.1	DEVELOPMENT OF AUDIT SCOPE	9
	3.2	SUMMARY OF AUDIT PROCESSES	9
	3.3	SITE PERSONNEL	9
	3.4	SITE INSPECTION	10
	3.5	CONSULTATION	10
	3.6	COMPLIANCE DESCRIPTORS	10
4	Α	JDIT FINDINGS - TABLES	11
	4.1	AUDIT FINDINGS SUMMARY	11
	4.2	COMPLIANCE	11
	4.3	NON-COMPLIANCES	12
	4.4	Self-Reported Non-compliances	12
	4.5	OBSERVATIONS	13
	4.6	PREVIOUS AUDIT ACTIONS	14
	4.7	PENALTY NOTICES	14
	4.8	PHYSICAL EXTENT OF THE PROJECT	14
	4.9	COMPLAINTS	14
	4.10	INCIDENTS	15
5	Α	JDIT FINDINGS – DISCUSSION	16
	5.1	REVIEW OF ADEQUACY OF MANAGEMENT PLANS	16
	5.2	REVIEW ENVIRONMENTAL PERFORMANCE	16

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





5.3	ACTUAL AND PREDICTED IMPACTS	. 17
5.4	KEY STRENGTHS	. 17

LIST OF TABLES

Table 1: Audit team	7
Table 2: Compliance descriptors	10
Table 3: Audit findings summary	11
Table 4: Assessment of compliance	11
Table 5: Summary of non-compliances	12
Table 6: Self-reported Non-compliances during the audit period	13
Table 7: Observations identified during the audit period	13

LIST OF APPENDICES

Appendix A – Audit table Appendix B – Planning Secretary Audit Team Agreement Appendix C – Site Photographs Appendix D – Consultation Appendix E – Independent Audit Declaration Form

Appendix F – Audit attendee list

Report	ReportIndependent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	
5222127	WL Developer Ltd	Final - Rev 0





1 EXECUTIVE SUMMARY

SNC-Lavalin Atkins has been engaged by WL Developer Pty Ltd to undertake an audit of the construction of the Waterloo Metro Quarter (WMQ) Basement structure under State Significant Development (SSD) Consent 10438 (SSD 10438). The two-level basement structure is being constructed by John Holland Group (JHG) and Mirvac in a joint venture.

The audit is required by SSD 10438 Conditions A26-A31 and has been undertaken in accordance with the Department of Planning and Environment's (DPE) Independent Audit Post Approval Requirements (IAPAR). This report presents the findings of the initial IEA, undertaken as part of an audit program in accordance with Table 3 of the IAPAR.

The audit consisted of a site inspection as well as a review of relevant and available documents and site management and monitoring records. This IEA represents the initial independent audit for the Project and covers the period from 20 February 2023 to the date of the site inspection on 6 September 2023.

The Project was audited against the development consent conditions relevant to the activities undertaken during the audit period. The audit also included a high-level assessment of adequacy of the project CEMP and Sub-Plans. The implementation of the CEMP was considered to be adequate.

One non-compliance was identified during the audit:

Condition A26: The IAPARs require the initial Independent Audit to be conducted within 12 weeks of construction commencement. Construction commencement was 20/2/2023. The site inspection for this audit was undertaken on 6/9/2023, more than 12 weeks after construction commencement and is therefore non-compliant with IAPAR audit timeframes.

NB: There was a prolonged period of site establishment and archaeological investigation, with construction commencement aligned with CC1 (compliance with Condition A26 was verified from the notification of commencement date rather than issue of the first construction certificate).

One self-reported non-compliance was reported by the project during the audit period:

Condition D3: On 17/7/2023 there was a late concrete pour associated with inground piling works. This was a direct result of delay in service from the concrete supplier once piles had commenced, and the concrete pour subsequently continued until 8:00pm, past the allowable hours of Construction.

Five Observations were raised during the audit:

- > Condition C3: A summary of the stage of the development was on the website but was not current.
- Condition C9: Evidence of submission of the Pre-Construction Dilapidation Report to the church was not available.
- Condition C9: The requirement to prepare a Pre-Construction Dilapidation Report for the Sydney Metro station box was not confirmed via evidence.
- Condition D2: A Site Notice was displayed on the hoarding at the Botany Road access. The notice appeared to satisfy all parts of Condition D2 with the exception of the font size of the contact details, which were smaller than 30-point type size (a).
- CEMP Section 12.3: The concrete pour overrun example could be considered for use in a JHG Lessons Learnt to demonstrate continual improvement in the EMS.

Overall, the Project demonstrated substantial compliance with the Development Consent.

The management of archaeological heritage, contamination, noise, dust and vibration were the most significant environmental risks requiring management during the audit period. These risks were being

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438 6 Se	
5222127	5222127 WL Developer Ltd	





controlled well, as demonstrated during audit interviews, the site inspection, and during the verification of evidence including required documentation and records.

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





2 INTRODUCTION

2.1 BACKGROUND

WL Developer Pty Ltd commissioned SNC-Lavalin Australasia (SNC) to undertake an Independent Environmental Audit (IEA) for the excavation and construction of a two-level basement structure within Waterloo Metro Quarter (WMQ).

The audit was undertaken against the requirements of State Significant Development (SSD) Consent 10438 (SSD 10438) and Independent Audit Post Approval Requirements, DPIE, 2020 (IAPAR). This report presents the findings of the initial IEA, undertaken as part of an audit program in accordance with Table 3 of the IAPAR.

2.2 PROJECT LOCATION AND SITE DESCRIPTION

The Waterloo Metro Quarter is located approximately 3.3km south of the Sydney CBD, 700m south-west of Redfern and 5km north-east of Sydney Airport (refer to Figure 1).



Figure 1 Local Context Map (Source: SSD 10438 MOD 1 Assessment Report, DPE, August 2022)

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127 WL Developer Ltd		Final - Rev 0





The site is situated above and around the future Waterloo Metro Station, which is currently under construction and scheduled to open in 2024. The site is predominantly rectangular in shape and is bound by Cope Street to the east, Raglan Street to the north, Botany Road to the west and Wellington Street to the south.

The sites surrounding the Waterloo Metro Quarter include commercial premises to the north, light industrial and mixed-use development to the south, residential development to the east (Waterloo Estate) and predominantly commercial and light industrial development to the west.

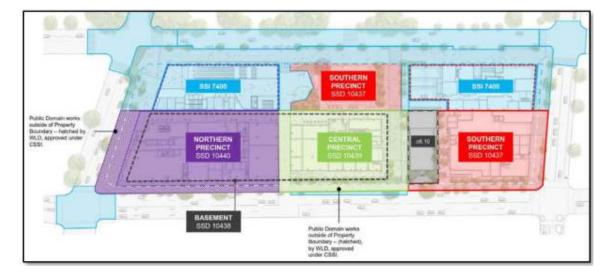


Figure 2 identifies the project site in relation to the Waterloo Metro Quarter Precincts.

Figure 2 Plan of Waterloo Metro Quarter Precincts (Source: SSD 10437 EIS)

2.3 AUDIT TEAM

The audit team approved by DPE to undertake the initial IEA is detailed in **Table 1**. Refer **Appendix B** for DPE Approval Letter.

Table 1:	Audit	team
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Role	Name	Qualifications	Experience
Lead Environmental Auditor	J. Heltborg	Bachelor Science Masters Environmental Management Environmental Management Systems Principal Auditor, Exemplar Global	 20 years of Environmental auditing experience 10 years of construction environmental management experience Member of Environmental Institute of Australia & New Zealand (EIANZ) Certified Environmental Practitioner
			(CEnvP)

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





2.4 AUDIT OBJECTIVES

The purpose of this audit was to undertake the necessary assessment and review of compliance with SSD 10438 Conditions of Approval, and the implementation and effectiveness of environmental management and mitigation measures in the Construction Environmental Management Plan (CEMP) and Sub-Plans.

2.5 AUDIT SCOPE

This is the first Independent Environmental Audit for SSD 10438 and the scope of the audit included the following:

- > Assessment of compliance with the Project Conditions of Approval, Parts A-D of SSD 10438
- > An assessment of the environmental performance of the development including:
 - Actual impacts compared with predicted impacts in the Environmental Impact Statement (EIS)
 - Physical extent of the development in comparison with the approved boundary, and any potential off-site impacts
 - o Incidents, non-compliances and complaints
 - Performance of the development having regard to agency policy and any particular environmental issues identified through consultation carried out when developing the scope of the audit
- > A high level assessment of the adequacy of the project's CEMP and Sub-Plans; and
- > Any other matter considered relevant by the auditor or the Department taking into account relevant regulatory requirements and legislation and knowledge of the development's past performance.

NB: The Department did not request any additional matters be taken into account during this audit. Refer to Section 3.5 for a summary of consultation issued to DPE.

2.6 PERIOD COVERED BY AUDIT

Construction for the Project commenced on 20 February 2023.

This IEA represents the initial independent audit for the Project and covers the period from 20 February 2023 to the date of the site inspection on 6 September 2023.

This IEA (desk-top assessment) commenced on 9 May 2023. On this date, the auditor submitted the audit checklists to the proponent's representative requesting documentary evidence of compliance with applicable conditions of the Development Consent.

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





3 AUDIT METHODOLOGY

3.1 DEVELOPMENT OF AUDIT SCOPE

This IEA focused on Development Consent conditions applicable to works undertaken during the reporting period and will be revised in subsequent audits as the project works progress.

The audit scope was developed in consultation with the proponent's representatives to determine the applicability of Development Consent conditions to works undertaken during the reporting period. DPE was also consulted regarding areas of particular focus.

3.2 SUMMARY OF AUDIT PROCESSES

The audit process comprised the following:

- > Preliminary document review to enable the auditor to gain an understanding of the Project, environmental processes, and progress since project commencement
- > Desktop assessment of publicly available documentation
- > Preparation of audit checklist, with audit prompts for project details and requests for documentary evidence to determine compliance
- Provision of the audit checklists to proponent's representatives for collation of information, prior to interview
- > Receipt of compliance information and assessment thereof, prior to interview
- > Update the audit checklists with the new information and reframing of the audit questions to address outstanding information at the interview
- > Opening meeting, interview and walk-through site inspection
- > Consultation with DPE on areas of focus for the audit, and agencies to be consulted
- > Further assessment of information collated
- > Closing meeting via teleconference
- > Preparation and issue of draft compliance tables, noting compliance status with CoA and any requests for further information
- > Emails to resolve and seek clarification on outstanding matters
- > Preparation and issue of draft audit report and compliance tables
- > Finalisation and issue of audit report and compliance tables, following consideration of any comments received.

3.3 SITE PERSONNEL

The following site personnel were in attendance during the audit or parts of:

- > Lefan Lun Environmental Advisor, JHG
- > Tristan Rodrigues Environmental Advisor, JHG
- > Cameron Newling Operations Environmental Manager, JHG

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





- > Nairy Topouzian Assistant Development Manager, JWLD
- > Eugene Choo Project Manager, JHG
- > Ashley Marks Site Manager, JHG
- > Robbie Neen Safety Manager, JHG
- > Ryan Thomas Project Director, WLD
- > Leanna Fuller Stakeholder & Engagement Manager, WLD

Refer Audit Attendee List, Appendix F.

3.4 SITE INSPECTION

A site inspection was undertaken by the Auditor on 6 September 2023. During the site inspection, environmental controls on-site generally appeared to be operating effectively and no non-compliances or observations were raised in relation to Condition D14 - implementation of the CEMP and Sub-Plans.

Refer to **Appendix C** for site photographs.

Refer to Appendix A, Table A2 for observations against the CEMP and Sub-Plans.

3.5 CONSULTATION

The Auditor consulted with DPE via email on 18 August 2023 and by email and phone on 11 September 2023 to seek input from DPE, as required by Section 3.2 of the IAPARs, specifically in relation to:

- > Any particular area(s) of focus for the audit
- > Any consultation with agencies deemed necessary by the Department.

No response was received from DPE.

A copy of email correspondence is provided in **Appendix D** of this report.

3.6 COMPLIANCE DESCRIPTORS

The compliance status of each requirement was determined using the relevant descriptors in Table 2.

Table 2: Compliance descriptors

Status	Description
Compliant	Sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.
Non-compliant	One or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.
Not triggered	A requirement has an activation or timing trigger that has not been met at the time when the audit was undertaken.

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





4 AUDIT FINDINGS - TABLES

4.1 AUDIT FINDINGS SUMMARY

Table 3 summarises the audit findings. Further details on the findings can be found in the relevant section of the report.

Table 3: Audit findings summary

Description	Quantity	Section of Report where addressed
Assessment of Compliance		
Number of Conditions of Approval	191	Section 4.2
Not triggered	124	Section 4.2
Compliant	65	Section 4.2
Non-compliant	1	Section 4.3
Observations identified during the audit	5	Section 4.5
Other		
Self-Reported Non compliances recorded during the audit period	1	Section 4.4
Penalty notices issued during audit period	0	Section 4.7
Complaints reported during audit period	4	Section 4.9
Incidents recorded during the audit period	0	Section 4.10

4.2 COMPLIANCE

An assessment of compliance was undertaken against the Development Consent conditions applicable to works undertaken during the reporting period. **Table 4** provides a summary of the assessment of compliance as per the schedules of the Development Consent. Compliance was assessed using the compliance status descriptors in Section 3.6 of this report.

Table 4: Assessment of compliance

	No. of	Findings			
SSD Requirement	conditions	Compliant	Non- compliant	Not triggered	
Part A – Administrative controls	31	11	1	19	
Part B – Prior to issue of construction certificate	32	1	0	31	
Part C – Prior to Commencement of Works	39	28	0	11	
Part D – During Construction	33	25	1	7	
Part E – Prior to Occupation or Commencement of Use	29	-	-	29	

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





	No. of	Findings		
SSD Requirement	conditions	Compliant	Non- compliant	Not triggered
Part F – Post Occupation	15	-	-	-
Part G – Prior to issue of Subdivision Certificate	12	-	-	-

Overall, the Project demonstrated substantial compliance with the Development Consent. The detailed assessment against each condition of the Development Consent is provided in **Appendix A**, Table A1.

4.3 NON-COMPLIANCES

A total of one non-compliance was identified during the audit, as detailed in Table 5.

Table 5: Summary of non-compliances

ID	Summary of Non-Compliance	Recommendation, Timing & Status
SSD 10438 Condition A26	The IAPARs require the initial Independent Audit to be conducted within 12 weeks of construction commencement.	N/A
	Construction commencement was 20/2/2023. The site inspection for this audit was undertaken on 6/9/2023, more than 12 weeks after construction commencement and is therefore non-compliant with IAPAR audit timeframes.	
	NB: There was a prolonged period of site establishment and archaeological investigation, with construction commencement aligned with CC1 (compliance with Condition A26 was verified from the notification of commencement date rather than issue of the first construction certificate).	

4.4 SELF-REPORTED NON-COMPLIANCES

With the exception of the non-compliances identified by this IEA and documented in Section 4.3, one environmental non-compliance was self-reported by the Project during the reporting period, as detailed in Table 6.

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





Table 6: Self-reported Non-compliances during the audit period

ID	Summary of Non-Compliance
SSD 10438 Condition D3	On 17/7/2023 a non-compliance was identified and self-reported by the project owing to a late concrete pour associated with inground piling works. This was a direct result of delay in service from the concrete supplier once piles had commenced, and the concrete pour subsequently continued until 8:00pm, past the allowable hours of Construction.
	The site management team was advised, and a toolbox talk was completed to reinforce the approved construction hours and that working without approval is unacceptable.
	The following preventative actions have been implemented:
	Construction hours are provided in the induction presentations to all site workers (verified).
	• A site wide toolbox will be given to reinforce approved construction hours (verified).
	 Discussion of compliance and proposed mitigation strategies at monthly HSES project meetings with JHG regional leadership attendance (not verified).
	 Concrete truck scheduling will be conducted to only schedule concrete pours at times when they can be completed within the approved construction hours in accordance with consent condition D3.
	DPE conducted an investigation after the NC was raised and issued a warning letter on 28/8/2023. DPE determined that no formal action was warranted.
	There have been no known instances of work out of hours since the above NC was identified.

4.5 OBSERVATIONS

Five observations were identified during the audit and summarised in Table 7 below, including recommendations to address each observation.

Table 7: Observations identified during the audit period

ID	Summary of Observations	Recommendation, Timing & Status
SSD 10438 Condition C3	A summary of the stage of the development was on the website but was not current.	Recommendation: N/A Timing: Website was updated and evidence provided post-audit, on 8/9/2023 Status: CLOSED
SSD 10438 Condition C9	Evidence of submission of the Pre- Construction Dilapidation Report to the church was not available.	Recommendation: Provide evidence that a copy of the Pre-Construction Dilapidation Report was submitted to the church. Timing: To be verified during IA2 Status: OPEN
SSD 10438 Condition C9	The requirement to prepare a Pre- Construction Dilapidation Report for the Sydney Metro station box was not confirmed via evidence	Recommendation: Confirm whether a Pre- Construction Dilapidation Report for the Sydney Metro station box is required by Sydney Metro. Timing: To be verified during IA2 Status: OPEN

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





ID	Summary of Observations	Recommendation, Timing & Status
SSD 10438 Condition D2	A Site Notice was displayed on the hoarding at the Botany Road access. The notice appeared to satisfy all parts of Condition D2 with the exception of the font size of the contact details, which were smaller than 30-point type size (a).	Recommendation: Review Site Notice and ensure the notice complies with all parts of Condition D2, including required font size for contact details. Timing: Site Notice replaced and photo provided as evidence on 25/9/2023 Status: CLOSED
CEMP Section 12.3 Continual improveme nt	The concrete pour overrun example could be considered for use in a JHG Lessons Learnt to demonstrate continual improvement in the EMS.	Recommendation: To be addressed by JHG in Proponent's response. Timing: To be verified during IA2 Status: OPEN

4.6 PREVIOUS AUDIT ACTIONS

As this is the first independent audit for SSD 10438, there are no previous audit recommendations to address.

4.7 PENALTY NOTICES

No penalty notices have been issued from relevant regulatory authorities including the Department, NSW Environmental Protection Authority (EPA) or local Council.

4.8 PHYSICAL EXTENT OF THE PROJECT

Construction Certificates prepared by McKenzie Group confirm the architectural and interior design of the development, architectural set of drawings, is consistent with BCA and the Development Consent, including the approved plans. During the site inspection there were no unapproved works identified outside of the site boundary, marked by physical hoardings.

4.9 COMPLAINTS

There were three complaints received during the reporting period that could be attributed to the project. The complaints were in relation to vibration and received on 4/4/23, 9/5/23 & 8/8/23.

After the initial vibration complaint Stantec (acoustic and vibration consultant) was engaged to conduct a vibration assessment at the affected property. Vibration criteria was set at 7.5mm/s for cosmetic damage and 0.4mm/s for human exposure. The assessment demonstrated that vibration levels were below the threshold for cosmetic damage. A slight exceedance in human comfort vibration levels was identified in the kitchen of one apartment, which was considered acceptable due to being a non-habitable area. No recommendations were made in the Stantec assessment.

The communication and complaints management process was discussed with the Stakeholder & Communications Manager. In accordance with the Community Communications Strategy (CCS) all complaints must be responded to within 2 hours and closed out within 48 hours. Complaint data is uploaded to the project website in the Complaints Register.

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





No other complaints have been received that could be attributed to the Project.

4.10 INCIDENTS

No environmental incidents requiring DPE notification have been recorded to date on the Project.

5222127 WL Developer Ltd Final - Rev 0	Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
	5222127	WL Developer Ltd	Final - Rev 0





5 AUDIT FINDINGS – DISCUSSION

5.1 REVIEW OF ADEQUACY OF MANAGEMENT PLANS

The following management plans were reviewed as detailed in Appendix A, Table A2.

- > Air Quality Management Sub-Plan (AQMP)
- > Construction Environmental Management Plan (CEMP)
- > Construction Noise and Vibration Management Plan (CNVMP)
- > Construction Traffic and Pedestrian Management Plan (CTPMP)
- > Construction Waste Management Sub-Plan (CWMP)
- > Dewatering Management Plan (DWMP)

The sub-plans were found to meet the full requirements of the Development Consent.

The Project's performance against the requirements of the management plans is provided in Section 5.2.

5.2 REVIEW ENVIRONMENTAL PERFORMANCE

The audit found that the project was overall operating in compliance with identified audit requirements, including the CEMP, Sub-Plans, and SSD conditions of approval.

One non-compliance was raised in relation the initial independent audit being conducted late, and another self-reported non-compliance was reviewed that related to a late concrete pour.

The management of archaeological heritage, contamination, noise, dust and vibration are the most significant environmental risks the project has had to manage during the audit period. These risks were being managed well, as demonstrated during audit interviews, the site inspection, and during the verification of evidence including required documentation and records.

As per the Ministers Condition of Approval B29 AMBS prepared an Archaeological Method Statement (AMS) from July 2020 that outlined the need for further historical archaeological excavations within the project area. Evidence of implementation of the Archaeological Management Strategy (AMS) was reviewed during the audit. AMBS archaeologists had been engaged for the first 22 weeks of construction to undertake excavation and salvage works in accordance with the requirements of the AMS, Condition C39 of SSD 10438 (and Conditions E17 & E18 of SSI 15-7400), the CFEMP and applicable legislative requirements and guidelines. It is understood that 200-300 boxes of artefacts have been removed from the site during archaeological investigations and salvage. At the time of IA1, one area of the site in the southern portion remained undisturbed that will require future archaeological monitoring (under a concrete slab). Refer to the Audit Table **Appendix A**, Condition C39 for more information.

Unexpected finds of asbestos were encountered during archaeological investigation and other surface works and were supervised by consultants JBS&G (Licensed Asbestos Assessor – LAA) and undertaken in accordance with SafeWork NSW Code of Practice – How to Safely Remove Asbestos (2022). Asbestos clearance reports were prepared as required during the works. Refer to the Audit Table **Appendix A**, Condition D27 for more information.

Future risks will be extended to the dewatering process for the management of surface water and groundwater. Relevant approvals and the review of water quality monitoring data in accordance with the Dewatering Management Plan will be assessed during the next audit.

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0





Observations raised during the audit are documented in Section 4.5, the Independent Audit Table, **Appendix 1**, and photos of the site are included **Appendix C**.

5.3 ACTUAL AND PREDICTED IMPACTS

The following issues were identified as potential for impact in the EIS:

- > Social and economic
- > Traffic and accessibility
- > Noise and vibration
- > Sediment, erosion and dust control
- > Ecology

The project is operating within the approval boundary, and this is delineated with hoarding around the perimeter. Dust, vibration, and noise monitoring is regularly occurring for the Project to ensure any potential off-site impacts are prevented and minimised. All monitoring complies with the project criteria. No offsite incidents have been reported.

Controls had been installed to mitigate against any potential risks arising from these activities including:

- > ERSED controls (e.g., sediment fences, sediment basins, vehicle washdown)
- > Security fencing (with visible site signage)
- > Environmental monitoring (e.g. dust, noise and vibration via attended and unattended monitoring)
- > Regular community consultation
- > Appropriate offsite disposal of contaminated material

The environmental impacts observed were consistent with those predicted in the EIS (as relevant to this stage of works).

5.4 KEY STRENGTHS

The Project is at an early stage with construction works commenced in February 2023, about 6 months prior to the initial audit. Works for the first 22 weeks of construction were focused on archaeological monitoring, excavation and salvage, and the implementation of the unexpected finds protocol for contamination.

The project team demonstrated a systematic approach to compliance and environmental management with continual improvement achieved throughout the construction delivery phase to date.

Report	Independent Environmental Audit 1 Waterloo Metro Quarter – Basement SSD 10438	6 September 2023
5222127	WL Developer Ltd	Final - Rev 0







APPENDIX A – AUDIT TABLE



+ Table A1: SSD 10438 Requirements

Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status					
SCHEDULE	2								
PART A AD	PART A ADMINISTRATIVE CONDITIONS								
OBLIGATIO	N TO MINIMISE HARM TO THE ENVIRONMENT								
A1	In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction and operation of the development, and any rehabilitation required under this consent	 Refer the findings from this audit Interview with Auditees 	At the time of IA1 archaeological investigations were complete and piling under CC1 had commenced. No material harm is known to have occurred to date.	Compliant					
TERMS OF	CONSENT								
A2	 The development may only be carried out: a) in compliance with the conditions of this consent b) in accordance with all written directions of the Planning Secretary; c) in accordance with the EIS and RtS; d) in accordance with the management and mitigation measures; e) in accordance with the approved plans in the table below (except where modified by the conditions of this consent). 	 EIS/RtS: <u>Waterloo Metro Quarter</u> OSD - Basement Car Park Detailed Design SSDA Planning Portal - Department of Planning and Environment (nsw.gov.au) Interview with Auditees 	Refer the findings from this audit	Compliant					

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023	
SSD 10438	WL Developer Pty Ltd	Final – Rev0	



Approval (ID)	Requirement			E	idence Collected	Independent Audit Findings & Recommendations	Compliance Status
	Architectural drawings prepared by V	Voods	Bagot				
	Drawing Number	Rev	Name of Plan	Date			
	WMQ-BMNT-WBG-AR-DRG-DA0001	ε	Cover Sheet	11/03/	6 J		
	WMQ-BMNT-WBG-AR-DRG-DA0090	E	Basement - Floor Plan Level 00	11/03/			
	WMQ-BMNT-WBG-AR-DRG-DA0091	F	Basement – Floor Plan Level P1	11/03/			
	WMQ-BMNT-WBG-AR-DRG-DA0092	F	Basement – Floor Plan Level P2	11/03/			
	WMQ-8MNT-W8G-AR-DRG-DA0101	Ε,	Basement - Longitudinal Section 01	11/03/			
	WMQ-BMNT-WBG-AR-DRG-DA0102	E	Basement - Cross Section 01	11/03/			
	WMQ-BMNT-WBG-AR-DRG-DA0103	E	Basement - Cross Section 02	11/03/			
	WMQ-BMNT-WBG-AR-DRG-DA0121	E	Basement - Deep Planter Section 01	11/03/			
	WMQ-BMNT-WBG-AR-DRG-DA0122	E	Basement - Deep Planter Section 02	11/03/	E		
	WMQ-BMNT-WBG-AR-DRG-DA0190	E	Basement – Area Plan 01	11/03/	E. S.		
	Draft Stratum Subdivision plans prep	ared t	y Yecis				
	202254.01b DSUB	Shee	ts 1 to 3	Printe 01.09			
A3	 Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to: a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary; and b) the implementation of any actions or measures contained in any such document referred to in condition A3(a). 			•	Interview with Auditees	The Planning Secretary has not made any written directions.	Not triggerec
A4	The conditions of this co Planning Secretary prev inconsistency, ambiguity document listed in condi	ail t / or ition		•	Interview with Auditees	No inconsistencies have been identified between this condition of consent and any planning documents.	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023	
SSD 10438	WL Developer Pty Ltd	Final – Rev0	



			SNO	NC·LAVALIN	
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status	
	or conflict between any of the documents listed in condition Error! Reference source not found. , the most recent document prevails to the extent of the inconsistency, ambiguity or conflict				
LIMITS ON	CONSENT	·			
A5	This consent will lapse five years from the date of consent unless the works associated with the development have physically commenced	Noted	N/A	Not triggered	
A6	The Applicant must comply with all relevant prescribed conditions of development consent under Part 6, Division 8A of the EP&A Regulation.	None	As per the findings of this audit	Compliant	
PLANNING SECRETARY AS MODERATOR					
A7	In the event of a dispute between the Applicant and a public authority, in relation to an applicable requirement in this approval or relevant matter relating to the Development, either party may refer the matter to the Planning Secretary for resolution. The Planning Secretary's resolution of the matter must be binding on the parties.	Interview with Auditees	No disputes are known to have arisen between the Applicant and a public authority during the project.	Not triggered	
LEGAL NO	TICES				
A8	Any advice or notice to the consent authority must be served on the Planning Secretary.	Interview with Auditees	No legal advice or notices are known to have been served during the project.	Not triggered	
EVIDENCE	OF CONSULTATION				
A9	 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 to the Planning Secretary for approval; and b) provide details of the consultation undertaken including: 	 Interview with Auditees The findings from this audit relevant to consultation 	Consultation has occurred as required. As per the findings of this audit related to consultation.	Compliant	

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 i) the outcome of that consultation, matters resolved and unresolved; and ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved. 			
STRUCTUR	RAL ADEQUACY	1		
A10	All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development, must be constructed in accordance with the relevant requirements of the BCA. Notes: Under Part 6 of the EP&A Act, the Applicant is required to obtain construction and Occupation Certificates for the proposed building works. Part 8 of the EP&A Regulation sets out the requirements for the certification of the development.	 McKenzie Group Basement 10438 201049.SP04-01NOC, dated 16/2/2023 	Construction Certificates (CCs) issued for the development include various statements of compliance related to the BCA. NB : It is outside the scope of the Auditor's engagement to ensure the development is BCA compliant. The issue of CCs is the responsibility of the Certifier.	Not triggered
OPERATIO	N OF PLANT AND EQUIPMENT			
A11	 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. 	Interview with Auditees	Plant Pre-acceptance checklists are completed for all plant that comes to site. Hard copy system is set up currently in the office. Site Hive is constantly monitoring for noise and dust exceedances on site. Records are available on request.	Compliant
APPLICAB	ILITY OF GUIDELINES	·		
A12	References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this consent.	None	N/A	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
A13	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	None	N/A	Not triggered
MONITORI	NG AND ENVIRONMENTAL AUDITS		·	
A14	Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non- compliance notification and independent environmental auditing. Note: For the purposes of this condition, as set out in the EP&A Act, "monitoring" is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development.	None	See conditions related to monitoring in Part D.	Compliant
INCIDENT N	NOTIFICATION, REPORTING AND RESPONSE			
A15	The Department must be notified in writing to compliance@planning.nsw.gov.au immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the	Interview with Auditees	There have been no incidents requiring notification to the Department during the audit period.	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status		
	development if it has one) and set out the location and nature of the incident.					
A16	Subsequent notification must be given and reports submitted in accordance with the requirements set out in Error! Reference source not found. .	Interview with Auditees	As per A15	Not triggered		
NON-COMF	LIANCE NOTIFICATION					
A17	The Department must be notified in writing to compliance@planning.nsw.gov.au within seven days after the Applicant becomes aware of any non- compliance. The Certifying Authority must also notify the Department in writing to compliance@planning.nsw.gov.au within seven days after they identify any non-compliance.	 Interview with Auditees Email from WLD to DPE RE: Waterloo Metro Quarter - Basement SSD 10438 Conditions A17 and D11 Notification, dated 24/7/2023 	The project notified DPE (compliance@planning.nsw.gov.au) of a non-compliance with Condition D3 on 24/7/2023. The NC occurred on 17/7/2023. Notification was within seven days of becoming aware of the NC. Refer D3 for details.	Compliant		
A18	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.	 Interview with Auditees Email from WLD to DPE RE: Waterloo Metro Quarter - Basement SSD 10438 Conditions A17 and D11 Notification, dated 24/7/2023 	The NC notification identified the development including application number (SSD 10438) and applicable condition of consent (D3), details and reasons for the NC and proposed actions for implementation to address the non-compliance.	Compliant		
A19	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	Noted	N/A	Not triggered		
REVISION	REVISION OF STRATEGIES, PLANS AND PROGRAMS					
A20	 Within three months of: a) the submission of a compliance report under this consent; b) the submission of an incident report under this consent; 	Email from WLD to DPE RE: Waterloo Metro Quarter - Basement SSD 10438 Conditions A17 and D11 Notification, dated 24/7/2023	A Non-Compliance with Condition D3 was identified on 17/7/2023. The actions associated with the NC did not include a requirement to update to strategies, plans and programs.	Not triggered		

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evi	idence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 c) the approval of any modification of the conditions of this consent (excluding modifications made under section 4.55(1) of the EP&A Act); or 				
	 the issue of a direction of the Planning Secretary under this consent which requires a review, 				
	the strategies, plans and programs required under this consent must be reviewed, and the Department must be notified in writing that a review is being carried out.				
A21	If necessary, to either improve the environmental performance of the development, cater for a modification or comply with a direction, the strategies, plans and programs required under this consent must be revised, to the satisfaction of the Planning Secretary. Where revisions are required, the revised document must be submitted to the Planning Secretary for approval within six weeks of the review. <i>Note:</i> This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.	•	Email from WLD to DPE RE: Waterloo Metro Quarter - Basement SSD 10438 Conditions A17 and D11 Notification, dated 24/7/2023	As per Condition A20	Not triggered
COMPLIAN	CE REPORTING				·
A22	Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Requirements outlined in the Compliance Reporting Post Approval Requirements (2020).			It is understood there is currently no	
A23	Compliance Reports must be submitted to the Department in accordance with the timeframes set out in the Compliance Reporting Post Approval Requirements (2020), unless otherwise agreed to by the Planning Secretary.	•	DPE Compliance Reporting Post Approval Requirements-2020	requirement for compliance reporting for the project during Construction (or Pre-Construction) in accordance with DPE's Compliance Reporting Post Approval Requirements (2020).	Not triggered
A24	The Applicant must make each Compliance Report publicly available 60 days after submitting it to the				

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	Planning Secretary, unless otherwise agreed by the Planning Secretary.			
A25	Notwithstanding the requirements of the Compliance Reporting Post Approval Requirements (2020), the Planning Secretary may approve a request for ongoing annual operational compliance reports to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that an operational compliance report has demonstrated operational compliance.			
INDEPEND	ENT ENVIRONMENTAL AUDIT			
A26	Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020).	 DPE Independent Audit Post Approval Requirements, 2020 This audit (IA1 SSD 10438, dated 6/9/2023) Notification of construction commencement (A26_Post Approval Form_20230216005548) John Holland Letter to the Planning Secretary, Notification of Commencement, dated 15/2/2023 	The IAPARs require the initial Independent Audit to be conducted within 12 weeks of construction commencement. <u>Non-compliance</u> : Construction commencement was 20/2/2023. The site inspection for this audit was undertaken on 6/9/2023, more than 12 weeks after construction commencement and is therefore non-compliant with IAPAR audit timeframes. <u>NB</u> : There was a prolonged period of site establishment and archaeological investigation, with construction commencement aligned with CC1 (compliance with Condition A26 was verified from the notification of commencement date rather than issue of the first construction certificate). With the exception of the above, this audit (IA1 SSD 10438, dated 6/9/2023) is being conducted in	Non- Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			accordance with the Independent Audit Post Approval Requirements (2020).	
A27	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.	Appointment of Experts_17082023_123749 (Revised Independent Auditor Approval Request), dated 17/8/2023	DPE has approved Josephine Heltborg as the Lead Auditor for the SSD 10438 project.	Compliant
A28	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified above, upon giving at least 4 weeks' notice (or timing) to the Applicant of the date upon which the audit must be commenced.	 Interview with Auditees 	No such request has been received from the Planning Secretary.	Not triggered
A29	 In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Applicant must: a) review and respond to each Independent Audit Report prepared under this consent; b) submit the response to the Planning Secretary; and c) make each Independent Audit Report, and response to it, publicly available 60 days after submission to the Planning Secretary. 	 This audit (IA1 SSD 10438, dated 6/9/2023) 	This audit (IA1 SSD 10438, dated 6/9/2023) is being conducted in accordance with the Independent Audit Post Approval Requirements, 2020. Compliance with Condition A29 will be verified during the second Independent Audit (IA2).	Not triggered
A30	Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approvals Requirements (2020) unless otherwise agreed by the Planning Secretary.	• This audit (IA1 SSD 10438, dated 6/9/2023)	This audit (IA1 SSD 10438, dated 6/9/2023) is being conducted in accordance with the Independent Audit Post Approval Requirements, 2020. Compliance with Condition A30 will be verified during the second Independent Audit (IA2).	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SNO)) C+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
A31	Notwithstanding the requirements of the Independent Audit Post Approvals Requirements (2020), the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance	Interview with Auditees	No such request has been received from the Planning Secretary.	Not triggered
PART B PR	IOR TO ISSUE OF CONSTRUCTION CERTIFICATE			
LONG SER	VICE LEVY			
B1	Prior to the issue of any Construction Certificate, the Applicant must submit to the satisfaction of the Certifier details confirming payment of a Long Service Levy. For further information on the current levy rate and methods of payment, please contact the Long Service Payments Corporation Helpline on 131 441 or visit <u>https://www.longservice.nsw.gov.au/bci/levy/about-the- levy</u> .	Noted	NA	Not triggered
DESIGN EX	CELLENCE AND INTEGRITY	•		
B2	The architectural design team comprising Bates Smart Architects (the Design Team) is to have direct involvement in the design documentation, contract documentation and construction stages of the project.	Noted	NA	Not triggere
В3	The Design Team is to have full access to the site, following safety induction, and is to be authorised by the Applicant to respond directly to the consent authority where information or clarification is required in the resolution of any design issues throughout the project	Noted	NA	Not triggere
B4	Evidence of the Design Team's commission is to be provided to the Planning Secretary prior to the release of the relevant Construction Certificate	Noted	NA	Not triggere

Audit Table	Audit Table Waterloo Metro Quarter Basement Car Park	
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SNO)) C+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
B5	The Design Team is not to be changed without prior written notice and approval of the Planning Secretary.	Noted	NA	Not triggered
B6	To ensure the scheme retains, or is an improvement upon, the approved design excellence qualities, the Applicant shall notify the Planning Secretary of any proposed modifications to the approved architectural drawings.	Noted	NA	Not triggered
B7	The Planning Secretary is to determine whether any proposed modifications to the approved architectural drawings require review by the Sydney Metro Design Review Panel (DRP) or other appropriate person(s).	Noted	NA	Not triggered
STRUCTUR	AL DETAILS			
B8	 Prior to the issue of the relevant Construction Certificate, the Applicant must submit to the satisfaction of the Certifying Authority structural drawings prepared and signed by a suitably qualified practicing Structural Engineer that demonstrates compliance with: a) the relevant clauses of the BCA; and b) his development consent 	McKenzie Group Basement 10438 201049.SP04-01NOC, dated 16/2/2023	Construction Certificates (CCs) issued for the development include various statements of compliance related to the BCA. NB : It is outside the scope of the Auditor's engagement to ensure the development is BCA compliant. The issue of CCs is the responsibility of the Certifier.	Not triggered
FIRE AND F	RESCUE CONSULTATION			
B9	Prior to the issue of the relevant Construction Certificate, the Applicant must consult with Fire and Rescue NSW by a Fire Engineering Brief Questionnaire (FEBQ) process to identify and address agency requirements at an early stage of the detailed design.	Noted	NA	Not triggered
ACCESS A	ND SANITARY FACILITIES FOR PEOPLE WITH DISABIL	ITES		
B10	Prior to the issue of the relevant Construction Certificate, the Applicant must submit to the satisfaction of the Certifier details prepared by a suitability qualified	Noted	NA	Not triggered

Audit Table	Idit Table Waterloo Metro Quarter Basement Car Park	
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SI)) NC+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	professional demonstrating that the building has been designed and will be constructed to provide access and facilities for people with a disability in accordance with the BCA.			
MECHANIC	CAL VENTILATION			
B11	The premises must be ventilated in accordance with the BCA and AS1668.1 and AS1668.2.	Noted	NA	Not triggered
B12	Prior to the issue of the relevant Construction Certificate, the Applicant must submit to the satisfaction of the Certifier details that any mechanical ventilation and/or air conditioning system for the development complies with AS1668.1, AS1668.2, the BCA and relevant Australian Standards, prepared by a suitably qualified person certified in accordance with Clause A2.2(a)(iii) of the BCA, to ensure adequate levels of health and amenity to the occupants of the building and to ensure environment protection	Noted	NA	Not triggered
SITE STAB	ILITY AND CONSTRUCTION WORK			
B13	 Prior to the issue of the relevant Construction Certificate, the Applicant must submit to the satisfaction of the Certifier a report obtained from a suitably qualified and experienced professional engineer/s, which includes the following details: a) geotechnical details which confirm the suitability and stability of the site for the development and relevant design and construction requirements to be implemented to ensure the stability and adequacy of the development and adjacent land b) details to demonstrate that the proposed methods of support and construction are suitable for the site and should not result in any damage to the adjoining premises, buildings or any public place, 	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SI)) NC+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
CRIME PRE	 as a result of the works and any associated vibration c) the adjoining land and buildings located upon the adjoining land must be adequately supported at all times throughout building work d) written approval must be obtained from the owners of the adjoining land to install any ground or rock anchors underneath the adjoining premises (including any public roadway or public place) and details must be provided to the Certifying Authority. EVENTION THROUGH ENVIRONMENTAL DESIGN Prior to the issue of the relevant Construction Certificate, the Applicant shall submit to the satisfaction of the Certifier evidence demonstrating that the design of the development has incorporated the CPTED management and mitigation measures included within 	Noted	NA	Not triggered
	the Crime Prevention Through Environmental Design Assessment as relevant for the Basement Car Park.			
ECOLOGIC	ALLY SUSTAINABLE DEVELOPMENT	1		
B15	Prior to the issue of the relevant Construction Certificate, the Applicant shall submit to the satisfaction of the Certifier evidence demonstrating the development incorporates all design, construction and operation measures as identified in the Ecologically Sustainable Development Report and Sustainability Strategy.	Noted	NA	Not triggered
INSTALLA	TION OF WATER EFFICIENT FIXTURES AND FITTINGS			
B16	 Prior to the issue of the relevant Construction Certificate, the Applicant shall submit to the satisfaction of the Certifier evidence demonstrating: a) All toilets installed must be of water efficient dual-flush capacity with at least a 4-star rating under 	Noted	NA	Not triggered

Audit Table	Audit Table Waterloo Metro Quarter Basement Car Park	
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 the Water Efficiency and Labelling Scheme (WELS). b) All taps and shower heads installed must be water efficient with at least a 3-star rating under the Water Efficiency and Labelling Scheme (WELS). c) New urinal suites, urinals and urinal flushing control mechanisms may use waterless technology. Where it is submitted that this is not feasible, it must be demonstrated that products have been selected with at least a 4-star rating under the Water Efficiency and Labelling Scheme (WELS). d) Systems must include "smart controls" to reduce unnecessary flushing. Continuous flushing 			
MECHANIC	systems are not approved. AL PLANT NOISE MITIGATION			
B17	Prior to the issue of the relevant Construction Certificate, the Applicant shall submit to the satisfaction of the Certifier details of noise mitigation measures for all mechanical plant are detailed on relevant Construction Certificate drawings and certification from an appropriately qualified acoustic engineer that the proposed measures will achieve compliance with the Noise Policy for Industry and other guidelines applicable to the development.	Noted	NA	Not triggered
SYDNEY W	ATER ASSETS	•		
B18	All building, plumbing and drainage work must be carried out in accordance with the requirements of the Sydney Water Corporation. The approved plans must be submitted to the Sydney Water Tap in [™] online service, to determine whether the development will affect Sydney Water's wastewater and water mains,	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



					S)) NC+LAVALI
Approval (ID)	Require	ment		Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	requirem <i>Note:</i>	ter drains and/or easement nents need to be met. Sydney Water's Tap in™ ir available at: https://www.sydneywater.c -building-developing/buildir in/index.htm	n online service is om.au/SW/plumbing			
CAR PARK	ING					
B19	Prior to the issue of the relevant Construction Certificate, the Applicant shall submit to the satisfaction of the Certifier plans demonstrating compliance with the following traffic and parking requirements:NotedNAa)An allocation of 155 on-site car parking spaces as follows:NotedNA		cate, the Applicant shall submit to the action of the Certifier plans demonstrating iance with the following traffic and g requirements: An allocation of 155 on-site car parking spaces as		NA	Not triggere
Precinct	-	Land use	Proposed car	spaces		
Southern p 10437)	recinct (SSD	social housing		accessible spaces)		
Central pro 10439)	ecinct (SSD	residential apartments		accessible spaces)		
	ecinct (SSD	childcare <u>centre</u> commercial / office	1 63 (including 2	2 accessible spaces)		
Other u	ses (SSD 10438 and	residential visitor parking	2 (both access	sible spaces)		
10437, 10440)	0400 allu	ride share	4			

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement		Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
v	Vaterloo Congregationa	I church 2			
С	ar wash	1			
S	ervices vehicles	5			
S	ydney Metro spaces	2			
BICYCLE F	PARKING				
B20	 Prior to the issue of the relevant Construction Certificate, the Applicant shall submit to the satisfaction of the Certifier plans demonstrating compliance with the following: a) An allocation of 315 spaces are provided within the basement as follows: 		Noted	NA	Not triggered
Precinct	La	nd use	Proposed bike parking spaces		
Central Pre (SSD 1043	9)	idential Idcare <u>centre (</u> staff)	65 spaces (Class 1) 3 spaces (Class 2)	•	
Northern P (SSD 1044		mmercial / office	236 spaces (Class 2)		
All Precinc (SSD <u>104</u> 10438)	ts ret 140 <u>, 10439</u> and	ail (staff)	11 spaces (Class 2)		

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
VEHICLE A	CCESS DESIGN			
B21	 Prior to the issue of the relevant Construction Certificate, the Applicant shall submit to the satisfaction of the Certifier plans demonstrating compliance with the following traffic and parking requirements: a) all vehicles should enter and leave the subject site in a forward direction; b) all vehicles are to be wholly contained on site before being required to stop, c) parking associated with the proposal (including driveways, grades, turn paths, sight distance requirements, aisle widths, aisle lengths and parking bay dimensions) should be in accordance with AS 2890.1-2004, AS/NZS 2890.6:2009 and AS 2890.2-2002; d) appropriate pedestrian advisory signs are to be provided at the egress from parking areas; e) all works/regulatory signposting associated with the proposed developments shall be at no cost to the relevant roads authority; and f) the swept path of the longest vehicle (including garbage trucks) entering and exiting the Site, as well as manoeuvrability through the subject site, shall be in accordance with AUSTROADS. 	Noted	NA	Not triggered
	AND UNLOADING AREAS AND BICYCLE ACCESS			
B22	All loading and unloading operations associated with servicing the Waterloo Metro Quarter development must be carried out within the signposted loading spaces within the basement	Noted	NA	Not triggered
B23	The service vehicle bays, car parking spaces and access driveways must be kept clear of goods at all	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	times and must not be used for storage purpose including garbage storage	S,		
FREIGHT A	ND SERVICING MANAGEMENT PLAN			
B24	 Prior to the issue of the relevant Occupation Cer the Applicant shall update the Freight and Servic Management Plan for the Waterloo Metro Quarts development (SSD 10437, SSD 10438, SSD 10458, SSD 10440) in consultation with TfNSW and sub final copy to TfNSW for endorsement. The Plan ensure that potential traffic and safety impacts a effectively managed. The Plan shall specify, but limited to, the following: (a) details of the development's loading and servicing profile, including the forecast loa and servicing traffic volumes by vehicle size, frequency, time and duration of stay; (b) details of the development's loading and servicing traffic volumes by vehicle size, frequency, time and duration of stay; (c) details of measures to manage the use an occupancy of the service bays; and (d) details of measures to manage any potential traffic and safety impacts of the loading docks operation in particular queuing on public roads and potential conflicts between vehicles accessing the loading docks and transport users accessing the Sydney Metro station 	sing er 439 and omit a shall re not be ading of day ading of day	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SN)) C+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
B25	The Freight and Servicing Management Plan shall be implemented by the Applicant following the issue of the Occupation Certificate. A copy of the final Loading and Servicing Management Plan must be submitted to the Planning Secretary and Certifying Authority.	Noted	NA	Not triggered
STORMWA	TER MANAGEMENT SYSTEM	•		
B26	 Prior to the issue of the relevant construction certificate, the Applicant must design an operational stormwater management system for the development at the Southern Precinct and submit it to the satisfaction of the Certifier and Council's Public Domain Unit. The system must: a) be designed by a suitably qualified and experienced person(s); b) be generally in accordance with the conceptual design in the EIS; c) be in accordance with applicable Australian Standards; and d) ensure that the system capacity has been designed in accordance with <i>Australian Rainfall and Runoff</i> (Engineers Australia, 2016) and Managing Urban Stormwater: Council Handbook (EPA, 1997) guidelines. 	Noted	NA	Not triggere
FLOOD EN	ERGENCY MANAGEMENT PLAN			
B27	Prior to the issue of the relevant occupation certificate, the Applicant must prepare a Flood Emergency Management Plan in consultation with the NSW State Emergency Service including detailed emergency management procedures and submit it to the satisfaction of the Certifying Authority. The Plan must include calculations of persons, identification of risks and consideration of suitable shelter.	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SI) NC+LAVALII		
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status		
HERITAGE	INTERPRETATION					
B28	Within six months of commencement of works, the Applicant must prepare and submit to the satisfaction of the Planning Secretary a detailed Heritage Interpretation Plan generally in accordance with the Heritage Interpretation Strategy submitted with the EIS. City of Sydney Council should be consulted in the finalisation, adoption and implementation of the Heritage Interpretation Plan	Noted	NA	Not triggere		
B29	The Heritage Interpretation Plan is to be implemented prior to the issue of the final occupation certificate.	Noted	NA	Not triggere		
FLOOD PL	LOOD PLANNING LEVELS					
B30	Prior to the issue of the relevant Construction Certificate details must be submitted to the certifying authority demonstrating that the development will comply with the recommended flood planning levels within <i>the Supplementary Flood Risk Assessment Memo</i> dated 15 February 2021 prepared by WSP Engineers and submitted with the Response to Submissions	Noted	NA	Not triggere		
STORMWA	TER QUALITY	•	·	·		
B31	Prior to the issue of the relevant Construction Certificate details must be submitted to the certifying authority demonstrating that the development will comply with the approved stormwater quality assessment <i>Stormwater Management Strategy and Flood Impact Assessment</i> dated 30 September 2020 prepared by WSP Engineers.	Noted	NA	Not triggere		
PUBLIC DO	MAIN WORKS AND DAMAGE BOND					
B32	Prior to commencement of any works within Council's public domain area, the Applicant is to meet the following Council's requirements:	B32_WLD Letter Public Domain Works Bond, dated 6/2/2023	 a) Letter from WLD to McKenzie Group, dated 6/2/2023 confirms that the Public Domain Works Bond referenced in Basement SSD 10438 Condition B32 item 	Compliant		

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
(12)	 a Public Domain Works Bond will be required as security for the public domain works and for repairing damage that may be caused to the public domain in the vicinity of the site, in accordance with the City of Sydney's adopted fees and charges and the Public Domain Manual. The Public Domain Works Bond must be submitted as cash, an unconditional bank guarantee or insurance bond as per the Council's Performance Bond Policy in favour of the City as security for completion of the obligations under this consent (Guarantee). The Council's Public Domain Unit must be contacted to determine the guarantee amount prior to lodgement of the guarantee. The Guarantee will be retained in full until all Public Domain works, including rectification of damage to the public domain, are completed to City of Sydney standards and approval and the required certifications, warranties and works-as- 	B32_Basement Public Domain Damage Bond (receipt), Bond No:	 (a) is not applicable for the Basement SSD 10438 consent as there are no public domain works associated with the Basement consent. b) Public Domain Works Bond (receipt), dated 7/2/2023 sighted. c) Noted. 	Status
	executed documentation are submitted and approved by the City in writing. On satisfying the above requirements, 90% of the security will be released. The remaining 10% will be retained for the duration of the specified Defects Liability Period.			
	 a Public Domain Damage Bond calculated on the basis of 900 square metres of concrete unit paved site frontage must be lodged with Council in accordance with the City of Sydney's adopted Schedule of Fees and Charges. The Public Domain Damage Bond must be submitted as an unconditional bank guarantee or insurance bond as per the Council's Performance Bond Policy in favour of Council as security for repairing any 			

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 damage to the public domain in the vicinity of the site (Guarantee). c) all costs associated with the construction of any new road works including kerb and gutter, road pavement, drainage system and footway shall be borne by the developer. The new road works must be designed and constructed in accordance with the City's Sydney Streets Technical Specification including amendments and Sydney Streets Code. All works to the Council's public domain, including rectification of identified defects, are subject to a 6-month defects liability period from the date of final completion. Copy of any receipts of payment of Council's bonds and endorsed plans must be provided to the certifying authority for information. 			
PART C	PRIOR TO COMMENCEMENT OF WORKS			
NOTIFICAT	ION OF COMMENCEMENT			
C1	The Department must be notified in writing of the dates of commencement of physical work at least 48 hours before those dates.	 A26_Post Approval Form_20230216005548 John Holland Letter to the Planning Secretary, Notification of Commencement, dated 15/2/2023 CFEMP, Section 9.3 	Date notified of commencement of physical works is 20/2/2023 , as per John Holland letter to DPE, dated 15/2/2023, and submitted to DPE on 16/2/2023. Notification was within the 48 hours timeframe.	Compliant
C2	If the construction of the development is to be staged, the Department must be notified in writing at least 48 hours before the commencement of each stage, of the date of proposed commencement and the development to be carried out in that stage.	 A26_Post Approval Form_20230216005548 John Holland Letter to the Planning Secretary, Notification of Commencement, dated 15/2/2023 CFEMP, Section 6 Basement SSD 10438 CC1, dated 19/5/2023 	Date notified of commencement of physical works is 20/2/2023 , as per John Holland letter to DPE, dated 15/2/2023, and submitted to DPE on 16/2/2023. Notification was within the 48 hours timeframe. Foundation piling was being undertaken at the site boundary at the time of IA1, including FRP for the	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evi	dence Collected	Independent Audit Findings & Recommendations	Compliance Status
		•	Basement SSD 10438 CC2a, dated 30/6/2023	 capping beam. Piling had commenced on Raglan Walk in early July 2023, which is required to be open to the public by Mid-2024 to allow access to the Sydney Metro station. Construction staging is set out in Section 6 of the CFEMP. SSD 10438 basement construction consists of the following stages: NOC, dated 24/1/2023 CC1 – Stage 1 Retention Piling CC2A – Stage 2A - Raglan Walk Top Down Structure CC3 cast-in services for structure (Q3 2023-Q2 2024) CC2B – excavation, structure and ground anchors CC2B had not commenced at the time of IA1. 	
ACCESS TO	INFORMATION				
C3	At least 48 hours before the commencement of construction until the completion of all works under this consent, or such other time as agreed by the Planning Secretary, the Applicant must: a) make the following information and documents (as they are obtained or approved) publicly available on its website: (i) the documents referred to in condition Error! Reference source not found. of this consent; (ii) all current statutory approvals for the development;		Project website: <u>Home - Waterloo</u> <u>Integrated Station Development</u> (wisd.com.au) Interview with Auditees	 a) (i) Link to Condition A2 Documents on website verified (ii) Each SSD approval sighted on the planning website provided (iii) Documents – CEMP & Sub-Plans available & current (iv) N/A – No performance reporting triggered 	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



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Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 (iii) all approved strategies, plans and programs required under the conditions of this consent; (iv) regular reporting on the environmental performance of the development in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent; (v) a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs; (vi) a summary of the current stage and progress of the development; (vii) contact details to enquire about the development or to make a complaint; (viii) a complaints register, updated monthly; (ix) 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; (x) any other matter required by the Planning Secretary; and b) keep such information up to date, to the satisfaction of the Planning Secretary. 		 (v) There is no requirement for reporting of monitoring results set out in the CEMP & Sub-Plans (vi) Observation: A summary of the stage of the development was on the website but was not current. Recommendation: NA – Updated post-audit. (vii) 1800 number and project email address provided (viii) Complaints Register current and on website (ix) N/A – No audit reports prepared to date (x) N/A – No other matters known to be required by the Planning Secretary b) The website is updated monthly and as otherwise required c) No other matters known to require upload to the project website. 	
SURVEY C	ERTIFICATE			
C4	Prior to the commencement of works, the Applicant must submit to the satisfaction of the Certifier a Registered Surveyor's certificate detailing the setting out of the proposed building on the site, including the	 Veris (registered Surveyor) Letter RE: Waterloo Integrated Station Development, dated 31/1/2023 	Veris (registered Surveyor) Letter RE: Waterloo Integrated Station Development, dated 31/1/2023 sighted & states: <i>"I hereby certify that</i>	Complian

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	relationship of the set out building to property boundaries.	 McKenzie Group Basement 10438 201049.SP04-01NOC, dated 16/2/2023 	Condition C4, that the proposed building, based on architectural plans received (230119Reference Point.dwg), will be erected wholly within the subject land. The Design offsets from walls and grid intersections relative to the boundaries are shown on the sketch herewith". McKenzie Notice of Commencement (NOC) refers to Letter regarding Consent Condition C4 prepared by Veris dated 31 January 2023 (Item 18) (evidence of submission to the Certifier).	
PROTECTI	ON OF PUBLIC INFRASTRUCTURE AND STREET TREES	; 	a) WLD advised part (a) of Condition	
C5	 Prior to the commencement of works, the Applicant must: a) consult with the relevant owner and provider of services that are likely to be affected by the development to make suitable arrangements for access to, diversion, protection and support of the affected infrastructure; b) prepare a dilapidation report identifying the condition of all public infrastructure in the vicinity of the site (including roads, gutters and footpaths); and submit a copy to the Certifier, Planning Secretary and Council; and c) ensure all street trees directly outside the site not approved for removal are retained and protected in accordance with the Australian Standard 4970 Protection of Trees on Development Sites. 	 Demlakian Consulting Engineers Dilapidation Report of the Council/Public Infrastructure, Waterloo Station Cope Street, 30/1/2023 Demlakian Consulting Engineers Dilapidation Report – Waterloo Congregational Church, 103 Botany Road, 24/1/2023 C5 & C9_DPE Post Approval Form_20230130054302 John Holland Letter RE: Condition C5(c) Protection of Public Infrastructure and Street Trees, dated 3/2/2023 Interview with Auditees Construction Management Plan 	 a) WED advised pair (a) of Condition C5 is not applicable b) Dilapidation Reports of the Council/Public Infrastructure and Waterloo Congregational Church sighted. C5 & C9 submission to the Planning Portal sighted, dated 30/1/2023. Condition C5 submission to Council sighted, dated 30/1/2023. Submission to DPE & Council was prior to commencement of works on 20/2/2023 in compliance with Condition C5. John Holland letter, dated 3/2/2023 sighted confirming that "John Holland and all of John Holland's employees will ensure all street trees outside the 	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



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Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
		 Flora & Fauna Management Procedure & Arborist Report CFEMP Section 9.3 McKenzie Group Basement 10438 201049.SP04-01NOC, dated 16/2/2023 John Holland email to CoS Council (M. Burge) RE: Basement SSD 10438 – Condition C5, dated 30/1/2023 McKenzie Group Email RE: WMQ Basement SSD 10438 – Conditions C5 and C9, dated 31/1/2023 	site not approved for removal are retained and protected in accordance with AS4970 Protection of Trees on Development Sites". McKenzie Notice of Commencement (NOC) refers to Dilapidation Report for Waterloo Congregational Church as per Conditions C5 & C9 prepared by Demlakian dated 24 January 2023 (Item 8) (evidence of submission to the Certifier). c) there are no street trees known to require protection. McKenzie Group Email RE: WMQ Basement SSD 10438 – Conditions C5 and C9, dated 31/1/2023 confirms Certifier satisfaction that Conditions C5(b) and C9 are closed.	
UTILITIES A	ND SERVICES			
C6	Before the construction of any utility works associated with the development, the Applicant must obtain relevant approvals from service providers.	Interview with AuditeesConstruction Management Plan	No utility work associated with the Basement SSD had commenced at the time of the audit.	Not triggere
C7	Prior to the commencement of above ground works written advice must be obtained from the electricity supply authority, an approved telecommunications carrier and an approved gas carrier (where relevant) stating that satisfactory arrangements have been made to ensure provisions of adequate services.	Interview with AuditeesConstruction Management Plan	No above ground works commenced at the time of the audit.	Not triggere

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
DIAL BEFO	RE YOU DIG SERVICE			
C8	Prior to the commencement of any excavation on or near the site, the Applicant must submit to the satisfaction of the Certifier written confirmation from NSW Dial Before You Dig Service that proposed excavation will not conflict with any underground utility services.	 DBYD Job No 33207153, 85 Botany Road Waterloo NSW, dated 18/1/2023 DBYD Response, City of Sydney, dated 29/11/2022 McKenzie Group Basement 10438 201049.SP04-01NOC, dated 16/2/2023 Interview with Auditees 	DBYD (sighted) have been obtained for archaeological investigations and piling (no bulk excavation to date). McKenzie Notice of Commencement (NOC) advises that the proposed demolition works for Waterloo Metro Quarter, Basement Building 1 & 2 are expected to begin in 2 days from the date of this, under SSD 10438 (dated 16/2/2023) and refers to list of attachments as evidence of satisfying Conditions of Consent. List includes reference to Sydney Water Asset Demarcation Plan prepared by DBYD dated 16 January 2023.	Compliant
PRE-CONS	TRUCTION DILAPIDATION REPORTS			
C9	Unless already carried out under CSSI 7400 for all relevant affected adjoining buildings, infrastructure and roads, the Applicant is to engage a suitably qualified person to prepare a Pre-Construction Dilapidation Report and submit the Report to the satisfaction of the Certifier. The Report is to detail the current structural condition of all adjoining buildings, infrastructure and roads (including the public domain site frontages, the footpath, kerb and gutter, driveway crossovers and laybacks, kerb ramps, road carriageway, street trees and plantings, parking restrictions and traffic signs, and all other existing infrastructure along the street) within the 'zone of influence'. Any entry into private land is subject to the consent of the owner and any inspection of buildings on privately affected land shall include details of the whole building where only part of the building may fall within the 'zone	 Demlakian Consulting Engineers Dilapidation Report of the Council/Public Infrastructure, Waterloo Station Cope Street, 30/1/2023 Demlakian Consulting Engineers Dilapidation Report – Waterloo Congregational Church, 103 Botany Road, 24/1/2023 C5 & C9_DPE Post Approval Form_20230130054302 John Holland Letter RE: Condition C5(c) Protection of Public Infrastructure and Street Trees, dated 3/2/2023 	Dilapidation Reports of the Council/Public Infrastructure and Waterloo Congregational Church sighted. C5 & C9 submission to the Planning Portal sighted, dated 30/1/2023. <u>Observation</u> : Evidence of submission of the Pre- Construction Dilapidation Report to the church was not available. <u>Recommendation</u> : Provide evidence that a copy of the Pre- Construction Dilapidation Report was submitted to the church. According to RBG (Structural Engineer) the scope has been	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	of influence'. A copy of the report is to be forwarded to the Planning Secretary and each of the affected property owners.	 RBG (Structural Engineer) Zone of Influence Confirmation, SSD Condition C9, dated 13/12/2022 McKenzie Group Email RE: WMQ Basement SSD 10438 – Conditions C5 and C9, dated 31/1/2023 Interview with Auditees 	defined as "any structure within a radius equal to the depth of the basement excavation" and would include the church, Council assets & public domain, and the Sydney Metro station box (TBC by SM). The items identified by RGB do not include any other affected property owners. McKenzie Group Email RE: WMQ Basement SSD 10438 – Conditions C5 and C9, dated 31/1/2023 confirms Certifier satisfaction that Conditions C5(b) and C9 are closed. <u>Observation</u> : The requirement to prepare a Pre-Construction Dilapidation Report for the Sydney Metro station box was not confirmed via evidence. <u>Recommendation</u> : Confirm whether a Pre-Construction Dilapidation Report for the Sydney Metro station box is required by Sydney Metro.	
C10	In the event that access for undertaking a Pre- Construction Dilapidation Report is denied by an adjoining owner, the Applicant must demonstrate, in writing, to the satisfaction of the Certifier that all reasonable steps have been taken to obtain access and advise the affected property owner of the reason for the report and that these steps have failed.	Interview with Auditees	No access denied for undertaking a Pre-Construction Dilapidation Report.	Not triggered
C11	Any damage to the public way including trees, footpaths, kerbs, gutters, road carriageway and the like must be made safe and functional by the Applicant. Damage must be fully rectified by the Applicant in accordance with the Council's standards prior to the	Interview with Auditees	No known damage to the public way including trees, footpaths, kerbs, gutters, road carriageway and the like.	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	final Occupation Certificate being issued for public domain works or before the final Occupation Certificate is issued for the development, whichever is sooner.			
COMPLIAN	CE			
C12	The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the development.	Interview with AuditeesProject induction	JHB confirmation that conditions of consent form part of the documentation in subcontractor contracts (confidential) and in the project induction.	Compliant
COMMUNIT	Y COMMUNICATION STRATEGY			
C13	 Prior to the commencement of works, the Applicant must either: a) amend, or prepare an addendum to, the Community Consultation Strategy (CCS) applicable to the CSSI approval (CSSI 7400) to apply to the development; or b) prepare a CCS for the development, independent of the CCS applicable to the CSSI approval, to provide mechanisms to facilitate communication between the Applicant, the relevant Council and the community (including adjoining affected landowners and businesses, and others directly impacted by the development), during the design and construction of the development and for a minimum of 12 months following the completion of construction. The CCS for the development must: (i) identify people to be consulted during the design and construction phases; (ii) set out procedures and mechanisms for the regular distribution of accessible information about or relevant to the development; 	 Waterloo Metro Quarter Community Communications Strategy (CCS): Station Construction and Over Station Development, Rev 5.1 December 2022 Interview with Auditees 	 a) The CCSI approved CCS was amended. The project was not responsible for Council consultation. b) N/A (see (a)) 	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 environmental management issues for the development; (iv) set out procedures and mechanisms: through which the community can discuss or provide feedback to the Applicant; through which the Applicant will respond to enquiries or feedback from the community; and to resolve any issues and mediate any disputes that may arise in relation to construction and operation of the development, including disputes regarding rectification or compensation. 			
C14	The CCS must be submitted to the Planning Secretary for approval no later than one month before the commencement of construction.	DPE Submission: C14 & C15_Approval of Plan Strategy or Study_13122022_013716, dated 13/12/2022	Evidence of submission of the CCS to DPE sighted, dated 13/12/2022, more than one month prior to commencement of Construction on 20/2/2023.	Compliant
C15	Construction must not commence until the CCS has been approved by the Planning Secretary, or within another timeframe agreed with the Planning Secretary.	DPE Letter RE: Waterloo Metro Quarter – Basement Car Park Community Communications Strategy, dated 13/12/2022	DPE Letter of approval of the CCS sighted, dated 13/12/2022. Approval was prior to commencement of Construction on 20/2/2023.	Compliant
C16	The CCS, as approved by the Planning Secretary, must be implemented for a minimum of 12 months following the completion of construction.	 Project website Site inspection 6/9/2023 Interview with Auditees Stakeholder & Communications Manager Waterloo Metro Quarter Community Communications Strategy (CCS): Station Construction and Over Station Development, Rev 5.1 December 2022 	Section 10.1 of the CCS sets out approvals and communication timeframes. The CCS has been uploaded to the Waterloo Metro Quarter (WMQ) website. Project contact details are displayed on the project hoarding as required. Letterbox notifications are available on the Sydney Metro website.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



A Stakeholder & Community Manager has been engaged. Weekly E-News is distributed via Consultation Manager & Monthly notification –via letterbox drop & uploaded to the Sydney Metro website. Covers ISD &	
OSD. The communication and complaints	
management process was discussed with the Stakeholder & Communications Manager. In accordance with the CCS all complaints must be responded to within 2 hours and closed out within 48 hours. Complaint data is uploaded to the project website in the Complaints Register.	
A number of complaints have been received by the residents of the apartment block at 62-72 Botany Road, directly opposite the site. Complaints have predominantly been related to vibration. In response, attended vibration monitoring was conducted after the first complaint in April 2023. Results of the vibration monitoring were within the adopted	
section of this report for more information. Redwatch is a Waterloo Social Housing Group. Project	
	 with the Stakeholder & Communications Manager. In accordance with the CCS all complaints must be responded to within 2 hours and closed out within 48 hours. Complaint data is uploaded to the project website in the Complaints Register. A number of complaints have been received by the residents of the apartment block at 62-72 Botany Road, directly opposite the site. Complaints have predominantly been related to vibration. In response, attended vibration monitoring was conducted after the first complaint in April 2023. Results of the vibration monitoring were within the adopted criteria – refer to vibration monitoring section of this report for more information. Redwatch is a Waterloo Social

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			Comms also attends Ozharvest Outreach monthly. Quarterly information sessions are held at a local café. The Stakeholder & Communications Manager maintains a good relationship with the church directly adjacent to the development which will be open some evenings and Sundays (not during approved construction hours).	
COMMUNIT	Y CONSULTATIVE COMMITTEE			
C17	Unless the CCS applicable to the CSSI approval (CSSI 7400) has been amended or augmented in accordance with this consent, prior to the commencement of works, a Community Consultative Committee (CCC) must be established for the development in accordance with the Department's <i>Community Consultative Committee Guidelines: State Significant Projects.</i> The CCC must begin to exercise functions in accordance with such Guidelines before the commencement of construction and continue to do so for the duration of construction and for at least six months following the completion of construction. <i>Notes:</i>	Interview with Auditees	WLD confirmed the establishment of a CCC under the CCS is not required as the CCS prepared under CSSI was amended to include the SSD 10438 project.	Not triggered
	 The CCC is an advisory committee only. In accordance with the Guidelines, the Committee should comprise an independent chair and appropriate representation from the Applicant, Council and the local community. 			
CONSTRUC	Prior to the commencement of any earthwork or construction, the Applicant shall:	 Waterloo Over Station Development Construction Pedestrian and Traffic 	a) N/A	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 a) amend, or prepare an addendum to, the Construction Pedestrian and Traffic Management Plan (CPTMP) applicable to the CSSI approval (CSSI 7400) to apply to the development. The amended CPTMP must be prepared in consultation with the Sydney Coordination Office within TfNSW, and submitted for approval to the Planning Secretary and a copy provided to the Certifying Authority; or b) prepare a final CPTMP in consultation with the Sydney Coordination Office within TfNSW. The CPTMP shall specify matters including, but not limited to, the following: (i) a description of the development; (ii) location of any proposed work zone(s); (iii) details of crane arrangements including location of any crane(s) and crane movement plan; (iv) haulage routes; (v) proposed construction hours; (vi) predicted number of construction vehicle movements, detail of vehicle types and demonstrate that proposed construction vehicle movements can work within the context of road changes in the surrounding area, noting that construction vehicle movements are to be minimised during peak periods; (vii) construction program and construction methodology, including any construction staging; (ix) a detailed plan of any proposed hoarding and/or scaffolding; 	 Management Plan (CPTMP) Rev09, 16/2/2023 DPE CEMP & Sub-Plan Approval Letter, RE: C2S Waterloo OSD Basement CFEMP Package, dated 30/3/23 McKenzie - Basement 10438 201049.SP04-01NOC, dated 16/2/2023 C18_Post Approval Form_20230201 234105, Basement Car Park Detailed Design SSDA - SSD-10438-PA-10, CPTMP TfNSW Submission, dated 1/2/2023 TfNSW CPTMP Endorsement Letter, dated 14/2/2023 Interview with Auditees Interview with Stakeholder & Communications Manager 	 b) CPTMP Rev09 sighted. Section 12 states the Plan forms part of the consultation process with the Sydney Coordination Office (SCO), City of Sydney (CoS) and TfNSW. Section 1 of the CPTMP states "As part of the SSD submission process, Transport for NSW (TfNSW) and City of Sydney (Council) have reviewed and commented on the preliminary version of this report. Comments raised during this consultation process have been discussed and incorporated into this construction stage CPTMP". i) Section 8.11, 9.11 ii) Section 8.11, 9.11 iii) Section 8.10.2 & 9.10.2 v) Section 8.2.4 & 9.2.4 vi) Section 8.2.3 & 9.2.4 vi) Section 8.4.1.2 & 9.4.1.2 x) Section 8.2.3 & 9.2.23 xii) Section 8.2.3 & 9.2.23 xii) Section 8.2.3 & 9.2.23 xii) Section 8.2.3 & 9.2.3 c) Evidence of CPTMP submission to SCO sighted, dated 1/2/2023 & Endorsement Letter, dated 14/2/2023. d) The Stakeholder & Comms Manager confirmed the 1800 	

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



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Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 (x) measures to avoid construction worker vehicle movements within the precinct; (xi) consultation strategy for liaison with surrounding stakeholders, including other developments under construction and Sydney Metro City and Southwest; (xii) identify any potential impacts to general traffic, cyclists, pedestrians, bus services within the vicinity of the site from construction vehicles during the construction of the proposed works. Proposed mitigation measures should be clearly identified and included in the CPTMP; and (xiii) identify the cumulative construction activities of the development and other projects within or around the development site, including the Sydney Metro City and Southwest and private development. Proposed measures to minimise the cumulative impacts on the surrounding road network should be clearly identified and included in the CPTMP. c) Submit a copy of the final development specific CPTMP to Sydney Coordination Office within TfNSW for endorsement; d) Provide the builder's direct contact number to small businesses adjoining or impacted by the construction work and the Transport Management Centre and Sydney Coordination Office within Transport for NSW to resolve issues relating to traffic, public transport, freight, servicing and pedestrian access during construction in real time. The Applicant is responsible for ensuring the builder's direct contact number is current during any stage of construction; and 		number is provided via the project notification process and during doorknocking, drop card etc. TfNSW & CoS Council are all included on the weekly notification email, which includes the 1800 number. e) The CPTMP Rev 9, Reference PA-10 was approved by the Department on 30/3/23 (approval letter sighted). McKenzie Notice of Commencement (NOC) refers to Photo Evidence of Consent Condition C18 CPTMP Submission to NSW Department of Planning (Item 63) (evidence of submission to the Certifier).	

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 a copy of the final development specific CPTMP must be submitted for approval to the Planning Secretary and a copy provided to the Certifying Authority 			
CONSTRU	TION ENVIRONMENTAL MANAGEMENT PLAN			
C19	 Prior to the commencement of any earthwork or construction, the Applicant shall: a) amend, or prepare an addendum to, the Construction Environmental Management Plan (CEMP) applicable to the CSSI approval (CSSI 7400) to apply to the development. The amended CEMP must be submitted for approval to the Planning Secretary and a copy provided to the Certifying Authority, or b) prepare a Construction Framework Environmental Management Plan (CFEMP) for the development, independent of the CEMP approved with the CSSI station works. The CFEMP must be submitted for approval to the Planning Secretary and a copy provided to the Certifying Authority. The CFEMP must: (i) describe the relevant stages and phases of construction including work program outlining relevant timeframes for each stage/phase; (ii) describe all activities to be undertaken on the site during site establishment and construction that require ongoing environmental management monitoring and reporting; (iv) detail statutory and other obligations that the Applicant is required to fulfil during site establishment and construction, including 	 Basement Management Plan - Construction Framework Environmental Management Plan (CFEMP) Rev B, dated 8/2/2023 CFEMP Section 3 DPE CEMP & Sub-Plan Approval Letter, RE: C2S Waterloo OSD Basement CFEMP Package, dated 30/3/23 C19_Post Approval Form_20230122 231247 CEMP Submission to DPE, dated 22/1/2023 	 a) N/A b) CFEMP Rev B, dated 8/2/2023 sighted. McKenzie Notice of Commencement (NOC) refers to CFEMP as per Consent Condition C19 prepared by John Holland dated 17 January 2023 (Item 4) (evidence of submission to the Certifier). The CFEMP, Reference PA-5 was submitted to the Department on 22/1/23, prior to the commencement of construction. The CFEMP Rev B, Reference PA-5 was approved by the Department on 30/3/23. The CFEMP addresses each part of Condition C19 in the following sections: i) Section 6 ii) Section 6 iii) Section 6 iv) Appendix 2 v) Section 7.3 vii) Section 11 viii) Section 8, Figure 8-1 ix) Section 9 	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 approvals, consultations and agreements required from authorities and other stakeholders, and key legislation and policies; (v) include specific consideration of measures to address any requirements of the EPA during site establishment and construction; (vi) describe the roles and responsibilities for all relevant employees involved in the site establishment and construction of the works; (vii) detail how the environmental performance of the site preparation and construction works will be monitored, and what actions will be taken to address identified potential environmental impacts; (viii) document and incorporate all sub environmental management plans (Sub- Plans), studies and monitoring programs required under this consent; and (ix) include arrangements for community consultation and complaints handling procedures during construction. 			
C20	In the event of any inconsistency between the consent and the CFEMP, the consent shall prevail.	Interview with Auditees	Auditees confirmed there have been no inconsistencies between the consent and the CFEMP.	Not triggered
C21	 The CFEMP and any associated Sub-Plans should be revised: a) at each key stage of the works; b) in response to future development consents; c) in response to major changes in site conditions or work methods; and d) in support of licence variations as necessary. 	 Basement Management Plan - Construction Framework Environmental Management Plan (CFEMP) Rev B, dated 8/2/2023 Interview with Auditees 	No revisions to the CFEMP or associated Sub-Plans have been triggered to date.	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
(ID)	 Prior to the commencement of any earthwork or construction, the Applicant shall: a) amend, or prepare an addendum to, the Construction Noise and Vibration Management Sub-Plan (CNVMP) applicable to the CSSI approval (CSSI 7400) to apply to the development. The amended CNVMP must be submitted for approval to the Planning Secretary and a copy provided to the Certifying Authority, or 			
C22	 b) prepare and implement a Construction Noise and Vibration Management Sub-Plan (CNVMP) for the development, independent of the CNVMP approved with the CSSI station works. The CNVMP must be submitted for approval to the Planning Secretary and a copy provided to the Certifying Authority. The Sub-Plan must include: (i) identification of the specific activities that will be carried out and associated noise sources at the premises; (ii) identification of all potentially affected sensitive residential receiver locations (iii) quantification of the rating background noise level (RBL) for sensitive receivers, as part of the Sub-Plan, or as undertaken in the EIS (iv) the construction noise, ground-borne noise and vibration objectives derived from an application of the EPA Interim Construction Noise Guideline (ICNG), as reflected in conditions of approval (v) prediction and assessment of potential noise, ground-borne noise (as relevant) and vibration levels from the proposed construction methods expected at sensitive 	 Waterloo Metro Quarter Over Station Development – Basement Construction Noise and Vibration Management Plan (CNVMP), RevF 15/3/2023 DPE CEMP & Sub-Plan Approval Letter, RE: C2S Waterloo OSD Basement CFEMP Package, dated 30/3/23 McKenzie Notice of Commencement (NOC), dated 16/2/2023 C22_Post Approval Form_20230131 213105, Construction Noise and Vibration Management Plan, dated 31/1/2023 	Commencement (NOC) refers to CNVMP as per Consent Condition C22 prepared by John Holland dated 31 January 2023 (Item 5) (evidence of submission to the Certifier). i) Section 1 & 5.4 ii) Section 2.2 iii) Section 3, 3.2 & 3.3 iv) Section 4 v) Section 5 & 7 vi) Section 8 vii) Section 8 vii) Section 8 vii) Section 8 ix) Section 8 ix) Section 8.4 & Appendix A viii) Section 8.7 xi) Section 8.7 xi) Section 8.7 xii) Section 8.6 xiv) Section 8.8 xv) Section 8.8 xv) Section 8.8 xv) Section 8.8 xv) Section 8.8 xv) Section 8.8 xv) Section 8.5	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



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Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	receiver premises against the objectives identified in the ICNG and conditions of approval;			
	 (vi) where objectives are predicted to be exceeded, an analysis of feasible and reasonable noise mitigation measures that can be implemented to reduce construction noise and vibration impacts; 			
	 (vii) description of management methods and procedures, and specific noise mitigation treatments/measures that can be implemented to control noise and vibration during construction; 			
	 (viii) where objectives cannot be met, additional measures including, but not necessarily limited to, the following should be considered and implemented where practicable; reduce hours of construction, the provision of respite from noise/vibration intensive activities, acoustic barriers/enclosures, alternative excavation methods or other negotiated outcomes with the affected community; 			
	 (ix) where night-time noise management levels cannot be satisfied, a report shall be submitted to the Planning Secretary outlining the mitigation measures applied, the noise levels achieved and justification that the outcome is consistent with best practice; 			
	 (x) measures to identify non-conformances with the requirements of the Sub-Plan, and procedures to implement corrective and preventative action; 			
	 (xi) suitable contractual arrangements to ensure that all site personnel, including sub- contractors, are required to adhere to the 			

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 noise management provisions in the Sub-Plan; (xii) procedures for notifying residents of construction activities that are likely to affect their noise and vibration amenity; (xiii) measures to monitor noise performance and respond to complaints; (xiv) measures to reduce noise related impacts associated with offsite vehicle movements on nearby access and egress routes from the site; (xv) procedures to allow for regular professional acoustic input to construction activities and planning; and (xvi) effective site induction, and ongoing training and awareness measures for personnel (e.g. toolbox talks, meetings etc). 			
AIR QUALI	TY MANAGEMENT SUB-PLAN	1		
C23	 Prior to the commencement of any earthwork or construction, the Applicant shall: a) amend, or prepare an addendum to, the Air Quality Management Sub-Plan (AQMP) applicable to the CSSI station works (CSSI 7400) to apply to the development. The amended CNVMP must be submitted to the Planning Secretary for approval and a copy provided to the Certifying Authority, or b) prepare an Air Quality Management Sub-Plan (AQMP) for the development, independent of the AQMP approved with the CSSI station works. The AQMP must be submitted to the Planning Secretary for approval and a copy provided to the Certifying Authority, as a minimum, the following elements: 	 Waterloo OSD Project Basement Air Quality Management Plan (AQMP), JBS&G Rev00, dated 15/2/2023 DPE CEMP & Sub-Plan Approval Letter, RE: C2S Waterloo OSD Basement CFEMP Package, dated 30/3/23 McKenzie Notice of Commencement (NOC), dated 16/2/2023 C23, C24 & C25_Post Approval Form_20230131 033638, Air Quality Management Sub-Plan, dated 31/1/2023 	 a) N/A b) AQMP Rev00, dated 15/2/2023 sighted. McKenzie Notice of Commencement (NOC) refers to AQMP Rev00 as per Consent Conditions C23, C24 & C25 prepared by JBS&G dated 15 February 2023 (Item 59) (evidence of submission to the Certifier). NOC also refers to Email Correspondence regarding Consent Conditions C23, C24 & C25 AQMP Submission prepared 	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 (i) be prepared by a suitably qualified and experienced expert in accordance with the EPA's Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (the Approved Methods); (ii) relevant environmental criteria to be used in the day-to-day management of dust and volatile organic compounds (VOC/odour); (iii) mission statement; (iv) dust and VOCs/odour management strategies consisting of: objectives and targets; risk assessment; suppression improvement plan. (v) monitoring requirements including assigning responsibility (for all employees and contractors); (vi) communication strategy; and (vii) system and performance review for 		by Mirvac dated 16 February 2023 (Item 60). The AQMP was submitted to DPE for approval on 31/1/2023, prior to construction commencement. The AQMP Rev 00, Reference PA-8 was approved by the Department on 30/3/23. i) Sections 2-7, Section 1.3 ii) AQMP01, Appendix B iii) Section 1.3 iv) Section 1.3 iv) Section 5.3 & AQMP01, Appendix B v) Section 5.3 vi) AQMP07, Appendix B vii) AQMP05, Appendix B	
C24	continuous improvements. The Sub-Plan must detail management practices to be implemented for all dust and VOC/odour sources at the site. The Sub-Plan must also detail the dust, odour, VOC and semi-volatile organic compounds (SVOC) monitoring program (eg. frequency, duration and method of monitoring) to be undertaken for the project.	 Waterloo OSD Project Basement Air Quality Management Plan (AQMP), JBS&G Rev00, dated 15/2/2023 	Refer AQMP Section 5.3 & AQMP01, Appendix B.	Compliant
C25	The Applicant must also develop and implement an appropriate comprehensive Reactive Air Quality and Odour Management Plan which will incorporate an Ambient Air Monitoring Program and Reactive Management Strategy to ensure that the assessment criteria are met during the works.	Reactive Air Quality & Odour Management Plan (RAQOMP)	Refer AQMP AQMP04, Appendix B.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)
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Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 (v) any vehicle used to transport waste or excavation spoil from the site is covered before leaving the premises; (vi) the wheels of any vehicle, trailer or mobilised plant leaving the site and cleaned of debris prior to leaving the premises; (vii) details in relation to the transport of waste material around the site (on-site) and from the site, including (at a minimum): a traffic plan showing transport routes within the site; a commitment to retain waste transport details for the life of the project to demonstrate compliance with the Protection of the Environment Operations Act 1997; and the name and address of each licensed facility that will receive waste from the 			
CONSTRUC	site (if appropriate).			
CONSTRUC	TION PARKING	Waterloo Over Station Development		
C27	Prior to the commencement of construction, the Applicant must submit to the Certifying Authority evidence that sufficient off-street parking has been provided for heavy vehicles and for site personnel, to ensure that construction traffic associated with the development does not utilise on-street parking or public parking facilities.	 Waterlob Over Station Development Construction Pedestrian and Traffic Management Plan (CPTMP) Rev09, 16/2/2023 McKenzie - Basement 10438 201049.SP04-01NOC, dated 16/2/2023 Letter regarding Consent Condition C27 (Basement) works prepared by John Holland dated 25 January 2023 	McKenzie Notice of Commencement (NOC) refers to Letter regarding Consent Condition C27 (Basement) works prepared by John Holland dated 25 January 2023 (Item 21) (evidence of submission to the Certifier).	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
BARRICAD	E PERMIT			
C28	Where construction/building works require the use of a public place including a road or footpath, approval under section 138 of the <i>Roads Act 1993</i> for a Barricade Permit is to be obtained from the relevant authority prior to the commencement of work. Details of the barricade construction, area of enclosure and period of work are required to be submitted to the satisfaction of the relevant authority.	 Waterloo Over Station Development Construction Pedestrian and Traffic Management Plan (CPTMP) Rev09, 16/2/2023 McKenzie - Basement 10438 201049.SP04-01NOC, dated 16/2/2023 City of Sydney Hoarding Permit No. B/2023/162, 28/6/2023 	City of Sydney Hoarding Permit No. B/2023/162, dated 28/6/2023 sighted as evidence. Type B Hoarding permit expires on 18/9/2023. McKenzie Notice of Commencement (NOC) refers to Letter regarding Consent Condition C28 Barricade Permit prepared by John Holland dated 9 February 2023 (Item 22) (evidence of submission to the Certifier).	Compliant
HOARDING				
C29	 Unless already carried out under CSSI 7400 for the relevant street frontages and duration of the development, a separate application under section 138 of the <i>Roads Act 1993</i> is to be made to the relevant road authority to erect a hoarding and/or scaffolding in a public road (if required) and such application is to include: a) architectural, construction and structural details of the design as well as any proposed artwork b) structural certification prepared and signed by an appropriately qualified practising structural engineer. 	 Waterloo Over Station Development Construction Pedestrian and Traffic Management Plan (CPTMP) Rev09, 16/2/2023 McKenzie - Basement 10438 201049.SP04-01NOC, dated 16/2/2023 Letter from Command Pacific Consulting Engineers to Total Hoarding, dated 26/7/2023 City of Sydney Hoardings & scaffolding – inspection and certification, 83 Botany Road Waterloo, dated 25/7/2023 	A separate application under section 138 of the <i>Roads Act 1993</i> was made to City of Sydney Council to erect a B Class hoarding in a public road. McKenzie Notice of Commencement (NOC) refers to Letter regarding Consent Condition C29 Hoarding prepared by John Holland dated 18 January 2023 (Item 23) (evidence of submission to the Certifier). Letter from Command Pacific Consulting Engineers to Total Hoarding, dated 26/7/2023 provides details of the inspection of as-built hoarding carried out on 25/07/23, and confirms compliance with relevant Australian Standards subject to conditions. Certification of the hoarding was provided by City of Sydney, dated 25/7/2023.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
C30	Evidence of the issue of a Structural Works Inspection Certificate and structural certification will be required prior to the commencement of construction works on site.	 Letter from Command Pacific Consulting Engineers to Total Hoarding, dated 26/7/2023 City of Sydney Hoardings & scaffolding – inspection and certification, 83 Botany Road Waterloo, dated 25/7/2023 	Letter from Command Pacific Consulting Engineers to Total Hoarding, dated 26/7/2023 provides details of the inspection of as-built hoarding carried out on 25/07/23, and confirms compliance with relevant Australian Standards subject to conditions. Certification of the hoarding was provided by City of Sydney, dated 25/7/2023.	Compliant
MECHANIC	AL VENTILATION			
C31	All mechanical ventilation systems must be installed in accordance with the BCA and must comply with the AS 1668.2-2012 The use of air-conditioning in buildings – Mechanical ventilation in buildings and AS/NZS 3666.1:2011 Air handling and water systems of buildings – Microbial control to ensure adequate levels of health and amenity to the occupants of the building and to ensure environment protection. Details must be submitted to the satisfaction of the Certifying Authority prior to the relevant Construction Certificate.	Noted	NA	Not triggered
PUBLIC LIA	ABILITY INSURANCE			
C32	Prior to the commencement of any earthwork or construction over, on or below Council land, the Applicant must submit to the satisfaction of the Certifier evidence of Public Liability Insurance, with a minimum liability of \$10 million. A copy of the Insurance cover is to be provided to Council.	 Interview with Auditees McKenzie - Basement 10438 201049.SP04-01NOC, dated 16/2/2023 C32_Public and Products Liability Certificate TfNSW Sydney Metro City Southwest, Exp 30/6/2024 John Holland Email to M. Burge CoS Council RE Public and Products Liability Certificate TfNSW 	Evidence provided from JHG states WLD is covered by Sydney Metro's Public and Products Liability Insurance. McKenzie Notice of Commencement (NOC) refers to Email Correspondence regarding Consent Condition C32 prepared by JHG dated 18 January 2023 (Item 49) (evidence of submission to the Certifier).	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
REMEDIAT	ION – UNEXPECTED FINDS PROTOCOL	Sydney Metro City Southwest, dated 18/1/2023	PL Insurance Certificate sighted, Exp 30/6/2024. Evidence of submission to Council, dated 18/1/2023 sighted (prior to commencement of construction).	
C33	Prior to the commencement of any earthwork or remediation works for the development, the Applicant must submit to the satisfaction of the Certifier an Unexpected Finds Protocol which has been reviewed and endorsed by an EPA accredited site auditor. The protocol must outline contingency measures and the procedures to be followed in the event unexpected finds of contaminated material are encountered during works.	 Soil and Water Management Procedure (CEMP Appendix 5) Interim Audit Advice Letter for Consent Condition C33 prepared by Ramboll dated 11 January 2023 McKenzie - Basement 10438 201049.SP04-01NOC, dated 16/2/2023 Interview with Auditees 	An Unexpected Finds Protocol is included in the Soil and Water Management Procedure (CEMP Appendix 5) and outlines contingency measures and the procedures to be followed in the event unexpected finds of contaminated material are encountered during works. Interim Advice was received by Rambol, dated 11/1/2023 and included the review and endorsement of the UFP by EPA accredited site auditor 1505 Tom Onus. McKenzie Notice of Commencement (NOC) refers to Interim Audit Advice Letter for Consent Condition C33 prepared by Ramboll dated 11 January 2023 (Item 14) (evidence of submission to the Certifier).	Compliant
REMEDIAT	ION – SITE AUDITOR			
C34	Prior to the commencement of any earthwork or remediation works for the development, the Applicant must submit evidence to the Planning Secretary that a Site Auditor accredited under the <i>Contaminated Land</i> <i>Management Act 1997</i> has been appointed to independently review the implementation and validation of the remediation works.	 Interview with Auditees Interim Audit Advice Letter for Consent Condition C33 prepared by Ramboll dated 11 January 2023 C34_Post Approval Form_20221122 034613, Site 	Ramboll Interim Advice confirms Tom Onus, NSW Environmental Protection Authority (EPA) accredited Contaminated Sites Auditor, has been engaged by WL Developer Pty Ltd (WL Developer) to conduct an Audit (TO-103) under the NSW	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



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Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
		Auditor Evidence of Engagement, dated 22/11/2022	Contaminated Land Management Act 1997 (CLM Act) for the Waterloo Metro Quarter development located at 49 Botany Road, Waterloo ('the site'). Evidence of submission of auditor engagement to DPE sighted, dated 22/11/2022 (prior to the commencement of earthwork or remediation works).	
C35	The Applicant must ensure the remediation works for the development are undertaken by a suitably qualified and experienced consultant(s) in accordance with the approved Remedial Action Plan and relevant guidelines produced or approved under the <i>Contaminated Land</i> <i>Management Act 1997</i> .	 JBS&G Remediation Action Plan, Waterloo Metro Quarter, Rev0 9/1/2023 Interview with Auditees 	 RAP sighted, prepared by JBS&G. Refer D27 for evidence of RAP implementation. The project team indicated the northern portion of the site had been remediated and cleared by JBS&G. One concrete slab remained in the southern portion of the site and would be remediated at a later date. Contaminants of predominant concern in the soil had been identified as asbestos, heavy metals and hydrocarbons. The groundwater is known to contain PFAS, heavy metals and TRH, which may require management during the future dewatering process. 	Compliant
REMEDIAT	ION – SITE AUDIT REPORT AND SITE AUDIT STATEME	NT		
C36	Upon completion of the remediation works and prior to the completion of the structure within the land affected by contamination as identified in Figure 3 - Southern Precinct of the Contaminated Sites Strategy Report prepared by Douglas Partners dated 30	 Interview with Auditees JBS&G Remediation Action Plan, Waterloo Metro Quarter, Rev0 9/1/2023 	Remediation works not yet complete at the time of the audit.	Not triggere

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	September 2020, a Site Audit Report and a Site Audit Statement, prepared in accordance with the NSW Contaminated Land Management - Guidelines for the NSW Site Auditor Scheme 2017, which demonstrates the site is suitable for its approved land use, must be submitted to the Planning Secretary for information.			
REMEDIAT	ION - VALIDATION REPORT			
C37	Within one month following the completion of the remediation works for the development, a Remediation Validation Report (RVR) must be submitted to the Planning Secretary for information. The RVR must be prepared by a suitably qualified and experienced consultant(s) and in accordance with the approved remedial action plan and relevant guidelines produced or approved under the <i>Contaminated Land Management Act 1997.</i>	 Interview with Auditees JBS&G Remediation Action Plan, Waterloo Metro Quarter, Rev0 9/1/2023 	Remediation works not yet complete at the time of the audit.	Not triggered
ABORIGINA	AL AND NON-ABORIGINAL ARCHAEOLOGY			
C38	During excavation and construction, the Unexpected Finds Protocol is to be implemented if any aboriginal archaeological objects are found or detected.	 Interview with Auditees Aboriginal Unexpected Finds Protocol (CEMP, Section 6.2) Email from ABMS RE: Re: Basement Condition A26 Initial Audit C38 Aboriginal and Non- Aboriginal Archaeology, dated 25/5/2023 	Early investigations by AMBS Ecology and Heritage (AMBS) who were engaged by the Tunnel and Station Excavation (TSE) Sydney Metro Contractor to undertake archaeological investigation works for the Waterloo Station box (i.e. the adjacent site) identified the presence of archaeology findings. These findings were detailed in EIS Appendix H - Heritage Impact Statement. Based on the findings identified by AMBS it is expected that low significance archaeology (European) will be present within the development footprint. As per the	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			Ministers Condition of Approval B29 AMBS prepared an Archaeological Method Statement (AMS) from July 2020 that outlined the need for further historical archaeological excavations within the project area. Bulk excavation had not commenced at the time of the audit, only for piling. Piling commenced on Raglan Walk in early July 2023.	
C39	During excavation and construction, the Archaeological Management Strategy, the unexpected finds protocol and other recommendations set out in the Archaeological Method Statement, dated July 2020 prepared by AMBS Ecology and Heritage shall be adhered.	 Interview with Auditees Aboriginal Unexpected Finds Protocol (CEMP, Section 6.2) Email from ABMS RE: Re: Basement Condition A26 Initial Audit C38 Aboriginal and Non- Aboriginal Archaeology, dated 25/5/2023 AMBS Archaeological Site Clearance Certificate Ref 23097 CC1, Areas A2 & B2 of Area 1, dated 11/5/2023 AMBS Archaeological Site Clearance Certificate Ref 23097 CC2, dated 7/6/2023 AMBS Archaeological Site Clearance Certificate Ref 23097 CC3, dated 20/6/2023 AMBS Archaeological Site Clearance Certificate Ref 23097 CC3, dated 20/6/2023 AMBS Archaeological Site Clearance Certificate Ref 23097 CC5, dated 7/7/2023 AMBS Archaeological Site Clearance Certificate Ref 23097 CC5, dated 7/7/2023 AMBS Archaeological Site Clearance Certificate Ref 23097 CC5, dated 7/7/2023 AMBS Archaeological Site Clearance Certificate Ref 23097 CC5, dated 11/7/2023 	Evidence of implementation of the Archaeological Management Strategy (AMS) was reviewed during the audit. AMBS archaeologists had been engaged for the first 22 weeks of construction to undertaken excavation and salvage works in accordance with the requirements of the AMS, Condition C39 of SSD 10438 (& Conditions E17 & E18 of SSI 15-7400), the CEMF and applicable legislative requirements and guidelines. It is understood that 200-300 boxes of artefacts have been removed from the site during archaeological investigations and salvage. AMBS clearance certificates were provided as evidence that, for each area or zone no further archaeological excavation is required and the archaeological works completed are adequate and the results are satisfactory.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
		 AMBS Archaeological Site Clearance Certificate Ref 23097 CC9, dated 18/7/2023 	At the time of IA1, one area of the site in the southern portion remained that will require future archaeological monitoring (under a concrete slab). NB : <i>This audit does not include a full</i> <i>assessment of compliance against</i> <i>the archaeological investigation</i> <i>process at the site and is limited to a</i> <i>review of the evidence provided</i> <i>during the audit.</i>	
PART D	DURING CONSTRUCTION			
APPROVED	PLANS TO BE ONSITE			
D1	A copy of the approved and certified plans, specifications and documents incorporating conditions of approval and certification must be kept on the Site at all times and must be readily available for perusal by any officer of the Department, Council or the Certifying Authority.	Site inspection	Approved plans were available on site.	Compliant
SITE NOTIO	E			
D2	 A site notice(s) shall be prominently displayed at the boundaries of the site for the purposes of informing the public of project details including, but not limited to the details of the Builder, Certifying Authority and Structural Engineer. The notice(s) is to satisfy all but not be limited to, the following requirements: a) minimum dimensions of the notice are to measure 841 mm x 594 mm (A1) with any text on the notice to be a minimum of 30-point type size; b) the notice is to be durable and weatherproof and is to be displayed throughout the works period c) the approved hours of work, the name of the site/project manager, the responsible managing 	Site inspection	A Site Notice was displayed on the hoarding at the Botany Road access. <u>Observation</u> : The notice appeared to satisfy all parts of Condition D2 with the exception of the font size of the contact details, which were smaller than 30-point type size (a). <u>Recommendation</u> : <i>Review Site</i> <i>Notice and ensure the notice</i> <i>complies with all parts of</i> <i>Condition D2, including required</i> <i>font size for contact details.</i>	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 company (if any), its address and 24-hour contact phone number for any inquiries, including construction/noise complaint are to be displayed on the site notice; and d) the notice(s) is to be mounted at eye level on the perimeter hoardings/fencing and is to state that unauthorised entry to the site is not permitted. CONSTRUCTION 		(The Site Notice was replaced post- audit and this action has since been closed). NB: The Site Notice was not measured for compliance at the time of audit.	
			On 17/7/2023 a non-compliance was	
D3	Construction, including the delivery of materials to and from the site, may only be carried out between the following hours: a) between 7am and 6pm, Mondays to Fridays inclusive; and b) between 7:30am and 3:30pm, Saturdays.	 CNVMP, Section 5.2.2 Interview with Auditees Email from WLD to DPE RE: Waterloo Metro Quarter - Basement SSD 10438 Conditions A17 and D11 Notification, dated 24/7/2023 Induction – DA hours included Pre-Start – DA hours included. Last concrete truck allowed to arrive at 4.30pm, dated 25/7/2023 Notice displayed on the site hoarding (verified on site) DPE Warning Letter RE: Breach of Section 4.2(1)(b) of the EP&A Act 1979, dated 28/2023 Contractor response & DPE warning letter 	 identified and self-reported by the project owing to a late concrete pour associated with inground piling works. This was a direct result of delay in service from the concrete supplier once piles had commenced, and the concrete pour subsequently continued until 8:00pm, past the allowable hours of Construction. The site management team was advised, and a toolbox talk was completed to reinforce the approved construction hours and that working without approval is unacceptable. The following preventative actions will be put in place: Construction hours are provided in the induction presentations to all site workers (verified). A site wide toolbox will be given to reinforce approved construction hours (verified). Discussion of compliance and proposed mitigation strategies at monthly HSES project meetings 	Non- Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			 with JHG regional leadership attendance (not verified). Concrete truck scheduling will be conducted to only schedule concrete pours at times when they can be completed within the approved construction hours in accordance with consent condition D3. DPE conducted an investigation after the NC was raised and issues a warning letter on 28/8/2023. DPE determined that no formal action was warranted. There have been no known instances of work out of hours since the above NC was identified. 	
D4	No work may be carried out on Sundays or public holidays.	CNVMP, Section 5.2.2Interview with Auditees	Auditees confirmed approved working hours do not extend to Sundays or public holidays, and no work has been undertaken during these times.	Compliant
D5	 Activities may be undertaken outside of these hours if required: a) by the Police or a public authority for the delivery of vehicles, plant or materials; or b) in an emergency to avoid the loss of life, damage to property or to prevent environmental harm. 	 CNVMP, Section 5.2.2 Interview with Auditees 	No activities relevant to D5 are known to have been carried out during the audit period.	Not triggered
D6	Notification of such activities must be given to affected residents before undertaking the activities or as soon as is practical afterwards.	CNVMP, Section 5.2.2Interview with Auditees	As per D5.	Not triggered
D7	Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours:	 CNVMP, Section 5.2.2 Interview with Auditees Project induction 	Auditees confirmed the activities listed under Condition D7 have not been relevant to date.	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 a) 9am to midday, Monday to Friday; b) 2 pm to 5pm Monday to Friday; and c) 9am to midday, Saturday. 		Piling had commenced at the time of IA1 but bored piling methodology is utilised rather than pile driving. D7 requirements are documented in	
			the site induction.	
SAFEWOR	KREQUIREMENTS			
D8	To protect the safety of work personnel and the public, the work site must be adequately secured to prevent access by unauthorised personnel, and work must be conducted at all times in accordance with relevant SafeWork requirements.	 Site inspection Interview with Auditees 	Security guards are located at the main site entry. The access gate is locked and PIN code access is in place. A traffic controller is placed at vehicle access gates during working hours. Sign-on upon entry is required and was implemented during this inspection. CCTV is to be established – at the time of IA1 Auditees confirmed there was limited CCTV coverage on Cope Street & Raglan Street.	Compliant
INCIDENT	NOTIFICATION, REPORTING AND RESPONSE		·	
D9	The Department must be notified in writing to <u>compliance@planning.nsw.gov.au</u> immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one), and set out the location and nature of the incident.	 CFEMP, Section 12.1 & Appendix 6 D9_Soteria Incidences screenshot, INC-0098667, 7/8/23 & INC- 0097065, 9/5/23 Interview with Auditees 	No reportable incidents are known to have occurred during the audit period. Two minor oil spills (one oil leak from a broken seal on a piling concrete pump and one minor hydraulic oil spill from an excavator hammer attachment) occurred during the audit period and were reported internally via Soteria (sighted).	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
D10	Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix 1.	 CFEMP, Section 12.1 & Appendix 6 Interview with Auditees 	Auditees confirmed no incidents triggering DPE notification have occurred.	Not triggered
NON-COMF	PLIANCE NOTIFICATION			
D11	The Department must be notified in writing to <u>compliance@planning.nsw.gov.au</u> within seven days after the Applicant becomes aware of any non-compliance. The Certifying Authority must also notify the Department in writing to <u>compliance@planning.nsw.gov.au</u> within seven days after they identify any non-compliance.	 Interview with Auditees Email from WLD to DPE RE: Waterloo Metro Quarter - Basement SSD 10438 Conditions A17 and D11 Notification, dated 24/7/2023 	The project notified DPE (compliance@planning.nsw.gov.au) of a non-compliance with Condition D3 on 24/7/2023. The NC occurred on 17/7/2023. Notification was within seven days of becoming aware of the NC. Refer D3 for details.	Compliant
D12	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.	 Interview with Auditees Email from WLD to DPE RE: Waterloo Metro Quarter - Basement SSD 10438 Conditions A17 and D11 Notification, dated 24/7/2023 	The NC notification identified the development included the application number (SSD 10438) and applicable condition of consent (D3), details and reasons for the NC and proposed actions for implementation to address the non-compliance. Refer D3 for more information.	Compliant
D13	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	 CFEMP, Section 12.1 & Appendix 6 Interview with Auditees 	Condition D3 is addressed in Section 12.1.2 of the CFEMP. No non-compliances have been notified as incidents during the audit period.	Not triggered
IMPLEMEN	TATION OF MANAGEMENT PLANS			
D14	The Applicant must ensure the requirements of the Construction Environmental Management Plan, Construction Pedestrian Traffic Management Plan, Construction Noise and Vibration Management Sub- Plan, Air Quality Management Plan and Construction	Refer CEMP & Sub-plan checklist	A CEMP & Sub-plan checklist has been prepared at the end of this Audit Table to verify compliance with selected mitigation measures. No NCs were identified.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	Waste Management Plan required by Part B of this consent are implemented during construction.			
CONSTRUC	CTION NOISE LIMITS			
D15	The development must be constructed to achieve the construction noise management levels detailed in the Interim Construction Noise Guideline (DECC, 2009). All feasible and reasonable noise mitigation measures must be implemented and any activities that could exceed the construction noise management levels must be identified and managed in accordance with the management and mitigation measures identified in the approved CNVMP.	 Waterloo Metro Quarter Over Station Development – Basement Construction Noise and Vibration Management Plan (CNVMP), RevF 15/3/2023 JHG Environmental Monitoring Tracker – Snapshot – Noise Monitoring, July 2023 	 Mitigation measures in place at the site include: Hoarding around the site boundary. Two Site Hives were in place on the north and south site hoarding. Attended noise monitoring is conducted monthly, in the event of a complaint, and for any new noise generating activity. There have been no known exceedances with predicted noise levels identified during attended or unattended monitoring. JHG Environmental Monitoring, July 2023 sighted. The project is investigating the fitting of shrouds around the rock breaker once required. 	Compliant
D16	The Applicant must ensure construction vehicles (including concrete agitator trucks) do not arrive at the subject site or surrounding areas outside of the construction hours of work outlined under condition D3.	 CNVMP, Section 8.5 Pre-Start Meeting Record, 25/8/2023 Interview with Auditees Interview with Site Manager 	Condition D16 is addressed in the CNVMP, Section 8.5. JHB confirmed, communication of Condition D16 requirements is via site inductions. A Pre-Start meeting record was provided as evidence, dated 25/8/2023 and included instruction for the management and arrival of concrete trucks, e.g. <i>"all</i> <i>deliveries as per the veyor bookings</i> ".	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			A laminated poster was also posted on site and displays the approved SSD working hours.	
			JHB were controlling traffic at the time of the audit site inspection. Veyor is used to manage deliveries and truck movements to the site. The Veyor process is managed by the Logistics Foreman. All subcontractors must book into the Veyor system. All deliveries need to be approved by the Site Manager or their delegate prior to starting their journey to the site. Applies also to cranes and all items of plant.	
D17	The Applicant must implement, where practicable and without compromising the safety of construction staff or members of the public, the use audible movement alarms of a type that would minimise noise impacts on surrounding noise sensitive receivers.	 CNVMP, Section 8.1.1 Pre-Start Meeting Record, 25/8/2023 Interview with Auditees 	Condition D17 is addressed in the CNVMP, Section 8.1.1 (reversing and warning alarms). A Pre-Start meeting record was provided as evidence, dated 25/8/2023 and included instruction for <i>"non-tonal movement alarms to be</i> <i>fitted for all plant on site</i> ".	Compliant
D18	The Applicant must ensure that any work generating high noise impact (i.e. work exceeding a NML of LAeq 75dBA) as measured at the sensitive receiver must only be undertaken in continuous blocks of no more than 3 hours, with at least a 1 hour respite between each block of work generating high noise impact, where the location of the work is likely to impact the same receivers. For the purposes of this condition 'continuous' includes any period during which there is less than one hour respite between ceasing and recommencing any of the work the subject of this condition.	 CNVMP, Section 4.1 & 8.1.2 Interview with Auditees Project induction, sighted 6/9/2023 JHG Environmental Monitoring Tracker – Snapshot – Noise Monitoring, July 2023 	Condition D18 is addressed in the CNVMP, Section 4.1. Noise mitigation measures have been implemented to limit noise impact to date by utilising a ripper attachment on excavators for the demolition of existing structures, e.g. footings, concrete slabs etc. Agreed respite times are documented in the site induction 9am-12pm (12- 2pm respite), & 2-5pm.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
D19	Any noise generated during construction of the development must not be offensive noise within the meaning of the Protection of <i>the Environment Operations Act 1997</i> or exceed approved noise limits for the site.	 CNVMP, Section 8.6 Interview with Auditees Complaints Register JHG Environmental Monitoring Tracker – Snapshot – Noise Monitoring, July 2023 	Condition D19 is addressed in the CNVMP, Section 8.6. There were three environmental complaints received during the audit period that could be attributed to the project. None of the complaints were in relation to noise. There have been no exceedances in attended or unattended noise monitoring conducted to date, as evidenced in the JHG Environmental Monitoring Tracker (data for July 2023 reviewed).	Compliant
VIBRATION	CRITERIA			
D20	 Vibration caused by construction at any residence or structure outside the Site must be limited to: a) for structural damage, the latest version of DIN 4150-3 (1992-02) Structural vibration - Effects of vibration on structures (German Institute for Standardisation, 1999); b) for human exposure to vibration, the evaluation criteria set out in the <i>Environmental Noise Management Assessing Vibration: a Technical Guideline</i> (Department of Environment and Conservation, 2006) (as may be updated or replaced from time to time); 	 CNVMP, Section 7.1 Interview with Auditees Stantec Attended Construction Vibration Assessment Summary Report, 13/4/2023 Complaints Register 	Condition D20 is addressed in the CNVMP, Section 7.1. Continuous (unattended) vibration monitors have been placed in the church and the station box. Site Hive data is managed by JHG. An alert is issued via text message in the event of an exceedance in vibration criteria. Vibration criteria has been adopted as 5mm/s for the church (12m offset from the basement project boundary). Vibration criteria has been adopted as 20mm/s for the Sydney Metro station box. Vibration criteria is set out in the NVMP, Table 20. There were three environmental complaints received during the audit	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			period that could be attributed to the project. The complaints were in relation to vibration (4/4/23, 9/5/23 & 8/8/23). After the initial vibration complaint Stantec were engaged to conduct a vibration assessment. Vibration criteria was set at 7.5mm/s for cosmetic damage and 0.4mm/s for human exposure. The assessment showed measurements were below the threshold for cosmetic damage. A slight exceedance in human comfort vibration levels was identified in the kitchen of one apartment, which was considered acceptable due to being a non-habitable area. No recommendations were made in the assessment.	
D21	Vibratory compactors must not be used closer than 30 metres from residential or heritage buildings unless vibration monitoring confirms compliance with the vibration criteria specified above. These limits apply unless otherwise outlined in the amended CNVMP applicable to the CSSI approval (CSSI 7400) or the project specific CNVMP required by condition B51	 CNVMP, Section 8.2.2 Interview with Auditees 	Condition D21 is addressed in the CNVMP, Section 8.2.2. Long-term unattended vibration monitors are in place on site. Vibratory compactors have not been used to date, including for piling pad construction.	Compliant
AIR QUALI	ΓY			
D22	 The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent. During construction, the Applicant must ensure that: a) exposed surfaces and stockpiles are suppressed by regular watering; 	 Waterloo OSD Project Basement Air Quality Management Plan (AQMP), JBS&G Rev00, dated 15/2/2023 AQMP, Section 8.2.2 Interview with Auditees Site inspection 	Controls as per Condition D22 are addressed in the AQMP, AQMP01. The project was compliant with Condition D22 during the site inspection. One main active stockpile was located in the SE corner of the site	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 b) all trucks entering or leaving the site with loads have their loads covered; c) trucks associated with the development do not track dirt onto the public road network; d) public roads used by these trucks are kept clean; and e) land stabilisation works are carried out progressively on site to minimise exposed surfaces. 		and was being loaded out at the time of the audit inspection. The stockpile was observed being wetted down and the project team advised the stockpile was covered at the end of each day.	
	AND SEDIMENT CONTROL			
D23	All erosion and sediment control measures must be effectively implemented and maintained at or above design capacity for the duration of the construction works and until such time as all ground disturbed by the works have been stabilised and rehabilitated so that it no longer acts as a source of sediment. Erosion and sediment control techniques, as a minimum, are to be in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom, 2004) commonly referred to as the 'Blue Book'.	 Erosion and Sediment Control Plan (ESCP) Waterloo Quarter OSD – Mainworks_Rev05 Interview with Auditees Site inspection 	Required erosion and sediment controls have been set out in the Progressive Erosion and Sediment Control Plan (PESCP), prepared in accordance with the Blue Book. The PESCP sets out the location of controls including a stabilised site access, retention basin (turkeys nest), stormwater pits, sediment fence, clean water flows, stormwater discharge point, & sandbags/coir logs. The turkey's nest was in the process of being moved during the audit site inspection. It is understood only surface water had required management to date, which was pumped to the turkey's nest (~3m deep) and managed via seepage into the sandy substrate. The geology of the site consists of sand to ~9m below ground level (BGL), Clay from 9-12mBGL & Shale from 12mBGL.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			No water had been discharged offsite at the time of IA1. A sediment / settling tank was in place in preparation for future offsite discharge.	
DISPOSAL	OF SEEPAGE AND STORMWATER			
D24	Any seepage or rainwater collected on-site during construction or groundwater must not be pumped to the street stormwater system unless separate prior approval is given in writing by the EPA in accordance with the <i>Protection of the Environment Operations Act 1997</i> .	 Erosion and Sediment Control Plan (ESCP) Waterloo Quarter OSD – Mainworks_Rev05 Waterloo OSD Project – Basement – Dewatering Management Plan (DWMP), JBS&G, Rev00 16/3/2023 Letter from EPA RE: SSD 10438 and SSD 10437 disposal of water, dated 15/12/2021 Interview with Auditees Site inspection 	The ESCP includes a requirement for a water discharge permit to be obtained and to ensure controls are established between the discharge point and the receiving stormwater pit. A Dewatering Management Plan (DWMP) has been prepared by JBS&G and sets out procedures for the temporary dewatering of excavation voids to enable construction. Letter from EPA, dated 15/12/2021 states that EPA does not provide approval for the discharge of construction site water to stormwater, and that Council should be contacted as the Appropriate Regulatory Authority (ARA). Refer Condition D25.	Not triggered
D25	Adequate provisions must be made to collect and discharge stormwater drainage during construction of the development. Prior written approval of Council must be obtained to connect or discharge site stormwater to Council's stormwater drainage system or street gutter.	 Erosion and Sediment Control Plan (ESCP) Waterloo Quarter OSD – Mainworks_Rev05 Waterloo OSD Project – Basement – Dewatering Management Plan (DWMP), JBS&G, Rev00 16/3/2023 City of Sydney Letter RE: Temporary Dewatering Connection 	Council letter, dated 16/8/2023 approves the discharge of water from the site for the purpose of temporary dewatering, subject to a list of conditions. Condition 1 requires approval for dewatering groundwater to be issued by WaterNSW.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
		 Sections 138 and 139 - <i>Roads Act</i> 1993 Approval 49 Botany Road, Waterloo – SSD10438, dated 16/8/2023 Dewatering Management Plan prepared for John Holland prepared by JBS&G, Rev 2 dated 4 July 2023 DPE Water Supply Works Approval [10WA124903] Letter, dated 1/9/2023 Water Supply Works Approval [10WA124903], Exp 31/8/2024 Interview with Auditees Site inspection 	Section 10 of the DWMP states "Upon completion of dewatering activities, relevant records including water quality testing, groundwater level monitoring and disposal volume records will be provided to WaterNSW and Council as part of a final report".	
D26	A separate written approval from Council is required to be obtained in relation to any proposed discharge of groundwater into Council's drainage system external to the site, in accordance with the requirements of section 138 of the <i>Roads Act 1993</i> .	 Dewatering Management Plan prepared for John Holland prepared by JBS&G, Rev 2 dated 4 July 2023 DWMP, Section 8 Aquifer interference policy considerations DWMP, Section 9 Groundwater quality & disposal City of Sydney Letter RE: Temporary Dewatering Connection Sections 138 and 139 - <i>Roads Act</i> 1993 Approval 49 Botany Road, Waterloo – SSD10438, dated 16/8/2023 DPE Water Supply Works Approval [10WA124903] Letter, dated 1/9/2023 Water Supply Works Approval [10WA124903], Exp 31/8/2024 	Council letter, dated 16/8/2023 approves the discharge of water from the site for the purpose of temporary dewatering, subject to a list of conditions. Condition 1 requires approval for dewatering groundwater to be issued by WaterNSW. Condition 6 requires compliance with the Dewatering Management Plan prepared for John Holland prepared by JBS&G, Rev 2 dated 4 July 2023. Section 8 of the DWMP states <i>"Water seepage through the cut-off wall and up through the basement floor is to be collected in subfloor drainage and directed to the stormwater system (subject to approval by Council)". On 1/9/2023 DPE Water issued a water supply work approval under s.95 of the <i>Water Management Act</i></i>	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			2000. Condition DS8463-00001 of the approval sets an extraction limit of 16ML for the first year (as per the volume determined in the DWMP). Condition DK7839-00017 requires water treatment and disposal must be in accordance with the DWMP. Condition DS7744-00001 sets out monitoring and reporting requirements. Dewatering had not commenced at the time of IA1.	
REMEDIATI	ON - ASBESTOS		1	
D27	 The Applicant must ensure that any asbestos encountered is monitored, handled, transported and disposed of by appropriately qualified and licensed contractors in accordance with the requirements of SafeWork NSW and relevant guidelines, including: a) Work Health and Safety Regulation 2017; b) SafeWork NSW Code of Practice – How to Manage and Control Asbestos in the Workplace September 2016; c) SafeWork NSW Code of Practice – How to Safely Remove Asbestos September 2016; and d) Protection of the Environment Operations (Waste) Regulation 2014. 	 Environmental Control Map_ECM_04 Waterloo Quarter OSD – Mainworks_Rev3, dated 26/5/2023 CFEMP, Appendix 5 Unexpected Finds Procedure JBS&G Remediation Action Plan, Waterloo Metro Quarter, Rev0 9/1/2023 JBS&G Asbestos Clearance Report - Zone 1 (Archaeological Works), 17/3/2023 JBS&G Asbestos Clearance Report (UFP01_SP), 1/8/2023 JBS&G Airborne Asbestos Fibre Monitoring Report, 2/3/2023 Mainland Civil Pty Ltd Friable and Non – Friable Asbestos Removal Licence (LIC: AD 213265), Exp 27/6/2024 	The Environmental Control Map (ECM) sets out soil and water procedures, including for contamination and asbestos. The unexpected finds procedure for contamination is set out in the CFEMP, Appendix 5 and Flowchart 7.1 of the RAP. Unexpected finds of asbestos were encountered during archaeological investigation and other surface works and were supervised by consultants JBS&G (Licensed Asbestos Assessor – LAA) and undertaken in accordance with SafeWork NSW Code of Practice – How to Safely Remove Asbestos (2022). Asbestos clearance reports were prepared as required during the works. Air fibre air monitoring was completed by JBS&G during asbestos removal	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval	Evidence Collected	Independent Audit Findings &	Compliand
(ID) Requirement		Recommendations	Status
	 Mainland Civil Asbestos Management Plan, Rev A 2/3/2023 JBS&G Waste Classification, Zone 1 Surface Materials, 6/3/2023 JBS&G Waste Classification, UFP01_SP Rev0, 15/6/2023 JHG Environmental Monitoring Tracker, Snapshot – Spoil, dated 8/3/2023-26/6/2023 Interview with Auditees Site inspection 	works. Asbestos Fibre Air Monitoring Reports are provided as an attachment to the Asbestos Clearance Reports. Air monitoring was completed in accordance with the Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres [NOHSC: 3003(2005)], with NATA certification applying to all sample collection, handling and analytical procedures. For reports sighted during the audit, results were satisfactory and conform with the minimum action level of <0.01 fibres /mL for control monitoring as outlined in the <i>Work</i> <i>Health and Safety Regulation 2017</i> ; and <i>SafeWork NSW Code of Practice</i> – <i>How to Safely Remove Asbestos</i> <i>2022.</i> Asbestos contaminated material was removed (transported and disposed) by Mainland Civil Pty Ltd, who hold a Friable and Non–Friable Asbestos Removal Licence (LIC: AD 213265). Sample waste classification reports were sighted, prepared by JBS&G for approximately 70m ³ of material on 6/3/23, and classified as SPECIAL WASTE (ASBESTOS) mixed with General Solid Waste (non- putrescible) , and 110m ³ of material on 15/6/2023 classified as Special	

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			A spoil tracker is maintained by JHG and includes record of Work scope, Date, Truck rego/Plant #, Tip docket, Vehicle type, Disposal location, Area of excavation, Material type, Actual quantity removed (T), EPL Licence No., & Material transferred, reuse, recycled or disposed. Spoil records provided as evidence indicate spoil removed from the basement project has been disposed, with GSW & RSW-Asbestos to Cleanaway Erskine Park (Enviroguard) and GSW to Sydney Recycling Park. HSW has been disposed at Cleanaway St Marys. NB : <i>Representative examples of</i> <i>Asbestos Clearance Reports and</i> <i>Waste Classification Certificates were</i> <i>sighted as evidence during the audit,</i> <i>which does not form full verification of</i> <i>the implementation of all unexpected</i> <i>finds. Transport and disposal records</i> <i>were not verified during the audit (and</i> <i>disposal certificates were not</i> <i>sighted</i>).	
CONSTRUC	TION TRAFFIC			
D28	All construction vehicles are to be contained wholly within the Site, except if located in an approved on street work zone, and vehicles must enter the Site before stopping.	 Waterloo Over Station Development Construction Pedestrian and Traffic Management Plan (CPTMP) Rev09, 16/2/2023 CPTMP, Section 13 Pre-Start Meeting Record, 25/8/2023 	Condition D28 requirements are set out in Section 13 of the CPTMP. A Pre-Start meeting record was provided as evidence, dated 25/8/2023 and included instruction for <i>"all deliveries as per the veyor bookings"</i> .	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
		Interview with AuditeesSite inspection	There have been no known instances of vehicles not parked wholly within the site, and a work zone had not been established outside the site at the time of IA1.	
ROAD OCC			·	
D29	A Road Occupancy Licence must be obtained from the relevant transport authority for any works that impact on traffic flows during construction activities.	 CPTMP, Section 13 Road Occupancy Licence (ROL) No. 2082418, dated 3/7/23-1/8/23 Interview with Auditees Site inspection 	Condition D29 requirements are set out in Section 13 of the CPTMP. An ROL was obtained from TfNSW Transport Management Centre for the installation of hoarding along Botany Road. A ROL was sighted Licence No. 2082418 from 3/7/23-1/8/2023.	Compliant
NO OBSTR	UCTION OF PUBLIC WAY	•	•	
D30	The public way must not be obstructed by any materials, vehicles, refuse skips or the like, under any circumstances. Non-compliance with this requirement will result in the issue of a notice by the Planning Secretary to stop all work on site.	 CPTMP, Section 8.3 Traffic control Interview with Auditees Site inspection 	Condition D30 requirements are set out in Section 8.3 of the CPTMP. There was no obstruction of the public way observed during the audit site inspection.	Compliant
CONTACT	TELEPHONE NUMBER			
D31	The Applicant shall ensure that the 24-hour contact telephone number is continually attended by a person with authority over the works for the duration of the development.	 Waterloo Metro Quarter Community Communications Strategy (CCS): Station Construction and Over Station Development, Rev 5.1 December 2022 Interview with Auditees Site inspection 	Condition D31 requirements are set out in the Waterloo Metro Quarter Community Communications Strategy (CCS). A 24-hour contact number has been established for the project, attended by the Waterloo ISD Stakeholder and Community Manager.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SNC)) C+LAVALI
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
COVERING	OF LOADS			
D32	All vehicles involved in the excavation and / or demolition process and departing from the property with materials, spoil or loose matter must have their loads fully covered before entering the public roadway.	AQMP, Section 5.4Interview with AuditeesSite inspection	Condition D23 requirements are set out in the AQMP, Section 5.4. Truck and dogs observed during the inspection had facility to cover loads available (none observed leaving the site).	Compliant
VEHICLE C	LEANSING			
D33	Prior to the commencement of work, suitable measures are to be implemented to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the Site. It is an offence to allow, permit or cause materials to pollute or be placed in a position from which they may pollute waters.	 Erosion and Sediment Control Plan (ESCP) Waterloo Quarter OSD – Mainworks_Rev05 Interview with Auditees Site inspection 	Requirement for a stabilised site access is set out on the ESCP and was verified during the audit site inspection. A wheel wash was also in use. Sand bags were placed within the site boundary around the lower perimeter of the site. No tracking was observed onto the access to Botany Road. A street sweeper is booked in a minimum of three times per week and is on call if required.	Compliant
	IOR TO OCCUPATION OR COMMENCEMENT OF USE			
OCCUPATIO				
E1	An Occupation Certificate must be obtained from the Certifying Authority prior to commencement of occupation or use of the whole or any part of a new building, an altered portion of, or an extension to an existing building.	Noted	NA	Not triggere
NOTIFICAT	ION OF OCCUPATION			
E2	The date of commencement of the occupation of the development must be notified to the Department in	Noted	NA	Not triggere

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SI)) NC+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	writing, at least one month before proposed occupation. If the operation of the development is to be staged, the Department must be notified in writing at least one month before the commencement of each stage, of the date of commencement and the development to be carried out in that stage.			
PROTECTI	ON OF PUBLIC INFRASTRUCTURE			
E3	 Unless the Applicant and the applicable authority agree otherwise, the Applicant must: a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out the development; and b) relocate, or pay the full costs associated with relocating any infrastructure that needs to be relocated as a result of the development. 	Noted	NA	Not triggered
MECHANIC	AL VENTILATION		·	·
E4	 Prior to commencement of operation, the Applicant must provide evidence to the Certifying Authority that the installation and performance of the mechanical ventilation systems complies with: a) AS 1668.2-2012 The use of air-conditioning in buildings – Mechanical ventilation in buildings and other relevant codes; and b) any dispensation granted by Fire and Rescue NSW. 	Noted	NA	Not triggered
OPERATIO	NAL WASTE MANAGEMENT PLAN			
E5	 Prior to the commencement of operation, the Applicant must prepare an Operational Waste Management Plan for the development and submit it to the Certifying Authority. The Waste Management Plan must: a) be prepared in consultation with Council and generally in accordance with City of Sydney 	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SN	》) C∙LAVALII
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 Guidelines for Waste Management in New Developments b) confirm the location of waste collection and establish appropriate routes to the collection point c) provide confirmation of the engagement of a qualified private waste collection contractor d) detail the type and quantity of waste to be generated during construction and operation of the development; e) detail the ongoing management, storage and collection of waste including including responsibility for cleaning, transfer of bins between storage areas and collection points, implementation and maintenance of signage and security of storage areas f) minimise weekly waste collection frequency g) describe the handling, storage and disposal of all waste streams generated on site, consistent with the Protection of the Environment Operations (Waste) Regulation 2014 and the Waste Classification Guideline (Department of Environment, Climate Change and Water, 2009); h) detail the materials to be reused or recycled, either on or off site; and 			
WASTE AN	 include the Management and Mitigation Measures included in the EIS D RECYCLING COLLECTION 			
E6	Prior to the occupation or commencement of the use, whichever is the earlier, the building owner must ensure that there is a contract with a licensed contractor for the removal of all trade waste and residential waste. No	Noted	NA	Not trigger

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SN)) IC+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	garbage is to be placed on the public way e.g. the roadways, footpaths, plazas, and reserves at any time			
POST-CON	STRUCTION DILAPIDATION REPORT			
E7	 Unless otherwise carried out under the requirements of CSSI 7400, CSSI 7400, SSD 10437, SSD 10439 and SSD 10440 prior to the issue of the relevant Occupation Certificate: a) the Applicant shall engage a suitably qualified person to prepare a post-construction dilapidation report at the completion of the construction works. This report is to ascertain whether the construction works created any structural damage to adjoining buildings, infrastructure and roads; b) the report is to be submitted to the Certifying Authority. In ascertaining whether adverse structural damage has occurred to adjoining buildings, infrastructure and roads, the Certifying Authority must: c) compare the post-construction dilapidation report with the pre-construction dilapidation report required by these conditions; and d) have written confirmation from the relevant authority that there is no adverse structural damage to their infrastructure and roads. e) a copy of this report is to be forwarded to the Planning Secretary and each of the affected property owners. 	Noted	NA	Not triggered
ADJOINING	PROPERTIES ROAD DAMAGE			
E8	Where any damage is caused to the Waterloo Congregational Church building and remediation works are required, the Applicant is to notify and consult with Council in undertaking any remediation works and the cost of remediation is	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SNO)) C•LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	to be met by the Applicant in full.			
E9	The cost of repairing any damage caused to Council or other public authority's assets in the vicinity of the site as a result of construction works associated with the approved development is to be met in full by the Applicant prior to the occupation or commencement of the use	Noted	NA	Not triggered
FIRE SAFE	TY CERTIFICATION			
E10	Prior to the issue the relevant Occupation Certificate, a Fire Safety Certificate shall be obtained for all the relevant Essential Fire or Other Safety Measures forming part of this consent. A copy of the Fire Safety Certificate must be submitted to the relevant authority and Certifying Authority and be prominently displayed in the building.	Noted	NA	Not triggered
STRUCTUR	AL INSPECTION CERTIFICATE			
E11	 Prior to the commencement of occupation of the relevant parts of any new or refurbished buildings, a Structural Inspection Certificate or a Compliance Certificate must be submitted to the Certifying Authority. A copy of the Certificate with an electronic set of final drawings (contact approval authority for specific electronic format) must be submitted to the approval authority and the Council after: a) the site has been periodically inspected and the Certifying Authority is satisfied that the structural 	Noted	NA	Not triggered
	 b) the drawings listed on the Inspection Certificate have been checked with those listed on the final Design Certificate/s. 			

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			S) NC+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
WARM WA	TER SYSTEMS AND COOLING SYSTEMS			
E12	The operation and maintenance of warm water systems and water cooling systems (as defined under the Public Health Act 2010) must comply with the Public Health Act 2010, Public Health Regulation 2012 and Part 2 (or Part 3 if a Performance-based water cooling system) of AS/NZS 3666.2:2011 Air handling and water systems of buildings – Microbial control – Operation and maintenance and the NSW Health Code of Practice for the Control of Legionnaires' Disease.	Noted	NA	Not triggered
BICYCLE P	ARKING AND END OF TRIP FACILITIES		1	
E13	 Prior to occupation, compliance with the following requirements for secure bicycle parking and end-of-trip facilities must be submitted to the satisfaction of the Certifying Authority: (a) the provision of bicycle parking spaces in accordance with this consent; (b) the layout, design and security of bicycle facilities must comply with the minimum requirements of the latest version of AS 2890.3:2015 Parking facilities - Bicycle parking, and be located in easy to access, well-lit areas that incorporate passive surveillance; (c) the provision of relevant end-of-trip facilities under this consent; (d) appropriate pedestrian and cyclist advisory signs are to be provided; and (e) all works/regulatory signposting associated with the proposed developments shall be at no cost to the relevant road authority. 	Noted	NA	Not triggered
E14	Prior to the commencement of operation, bicycle	Noted	NA	Not trigger

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	way-finding signage must be installed within the site to direct cyclists from footpaths to designated bicycle parking areas.			
WORKS AS	EXECUTED DRAWINGS			
E15	Prior to the issue of the relevant Occupation Certificate, the Applicant must submit to the satisfaction of the Certifier works-as-executed drawings signed by a registered surveyor demonstrating that the stormwater drainage and finished ground levels have been constructed as approved.	Noted	NA	Not triggered
E16	Prior to a Certificate of Practical Completion being issued for public domain works, works-as-executed (As- Built) plans and documentation, must be submitted to and accepted by the City of Sydney for all public domain works, including where required Stormwater, Public Domain Lighting and Road construction. These works must be certified by a suitably qualified, independent professional. Details of the documentation required for approval will be advised by the City's Public Domain Unit.			Not triggered
STORMWA	TER			
E17	Prior to the issue of any Occupation Certificate, the Applicant must submit a copy of the stormwater drainage design plans approved with the Construction Certificate to the Certifier. The plans shall be prepared by a Practicing Professional Engineer experienced in the design of stormwater drainage systems.	Noted	NA	Not triggered
E18	Prior to the issue of any Occupation Certificate, the Applicant must submit to the satisfaction of the Certifier an Operation and Maintenance Plan (OMP) to ensure the proposed stormwater quality measures remain effective. The OMP must contain the following:	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			S)) NC+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
STORMWA	 a) maintenance schedule of all stormwater quality treatment devices; b) record and reporting details; c) relevant contact information; and d) Work Health and Safety requirements 	VE COVENANT		
E19	 Prior to the issue of the relevant Occupation Certificate: a) The Owner is required to enter into a Deed of Agreement with the City of Sydney and obtain registration of Title of a Positive Covenant for all proposed connections to the City's underground drainage system. The deed and positive covenant will contain terms reasonably required by the City and will be drafted by the City's Legal Services Unit at the cost of the applicant, in accordance with the City's Fees and Charges. b) A Positive Covenant must be registered on the property title for all drainage systems involving OnSite Detention (OSD) to ensure maintenance of the approved OSD system regardless of the method of connection. The positive covenant will contain terms reasonably required by the City and will be drafted by the City's solicitor at the cost of the applicant, in accordance with the City's Fees and Charges. 	Noted	NA	Not triggered
SURVEY IN	IFRASTRUCTURE - RESTORATION			
E20	 Prior to any Occupation Certificate being issued for the development, documentary evidence of restoration must be prepared by a Registered Surveyor and submitted to and approved by Council's Area Planning Manager / Coordinator. This evidence must include: a) Certification that all requirements requested under the Surveyor-General's Approval for Survey Mark 	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SNC)) C+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 Removal or by the City's Principal Surveyor under condition "Survey Infrastructure – Identification and Recovery" have been complied with; b) Certification that all requirements requested under any Surveyor-General's Approval for Deferment of Survey Marks from condition "Survey Infrastructure – Pre-Subdivision Certificate works" have been complied with and; c) Time-stamped photographic records of all new survey infrastructure relating to the site clearly showing the mark itself and sufficient context to aid in identifying the mark on site. 			
CONSTRUC	TED FLOOR LEVELS	·		
E21	A certification report prepared by a suitably qualified practitioner engineer (NPER), must be submitted to the Principal Certifier prior to issue of any Occupation Certificate stating that the development has been constructed and the required levels achieved in accordance with the recommendations of the report titled Waterloo Metro Quarter over station development Environmental Impact Statement Appendix O Storm water management strategy and flood impact assessment for southern precinct prepared by WSP dated 30 September 2020.	Noted	NA	Not triggered
SYDNEY W	ATER COMPLIANCE			
E22	A Section 73 Compliance Certificate under the Sydney Water Act 1994 must be obtained from Sydney Water Corporation. The Section 73 Certificate must be submitted to the Certifying Authority prior to issue of an Occupation Certificate	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			S)) NC+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	OVIDERS			
E23	Prior to occupation or commencement of the use, written advice shall be obtained from the relevant water supply authority, wastewater disposal authority, electricity supply authority, an approved telecommunications carrier and an approved gas carrier (where relevant) stating that satisfactory arrangements have been made to ensure provision of adequate services.	Noted	NA	Not triggered
ENVIRONM	ENTAL PERFORMANCE			
E24	Prior to occupation or commencement of the use, the Applicant is to provide documentation to the Certifying Authority demonstrating the development has incorporated, and would operate in accordance with, the environmental sustainability objectives, measures and initiatives required under this consent.	Noted	NA	Not triggered
REMEDIAT	ION AND SITE AUDIT STATEMENT		·	·
E25	Prior to the commencement of operation, the Applicant must submit a Site Audit Report and Site Audit Statement from the accredited Site Auditor. The Site Audit Report and Site Audit Statement must verify the site is suitable for the residential and commercial land use and be provided for the information of the Planning Secretary and the Certifier.	Noted	NA	Not triggered
E26	Any land to be dedicated to the City of Sydney must be remediated to a minimum depth of 1.5m below finished ground level with no Long Term Environmental Management Plan attached.	Noted	NA	Not triggered
REGISTRA	TION OF EASEMENTS AND COVENANTS			
E27	Prior to the issue of an Occupation Certificate, the Applicant shall provide to the Certifier evidence that all	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SN	◆) C • LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	matters required to be registered on title including easements required by this consent, approvals, and other consents have been lodged for registration or registered at the NSW Land and Property Information.			
CHILD CAF	E DROP-OFF AND PICK-UP SPACES			
E28	Prior to the issue of an Occupation Certificate, drop off and pick-up spaces must be provided for the childcare centre use at the Central Precinct (SSD 10439) by sharing of the use with other non-residential car spaces or service bays within the Waterloo Metro Quarter. The drop off and pick-up spaces must be available between the hours of 7:00am to 9:00am and 4:00pm to 7:00pm, Monday to Friday. The use of these drop off and pick-up spaces is to be time restricted to a maximum of 15 minutes. The Applicant must demonstrate to satisfaction of the certifier: a) the spaces are suitably lined marked and signed posted b) safe and accessible path from the spaces to the childcare centre	Noted	NA	Not triggered
E29	A minimum of four (4) drop off and pick-up spaces are to be provided at the commencement of use of the childcare centre. Usage, demand and management of the spaces are to be reviewed annually as required by this consent.	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



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Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
PART F PO	ST OCCUPATION			
ANNUAL FI	RE SAFETY STATEMENT			
F1	An annual Fire Safety Statement must be given to Council and the NSW Fire Brigade commencing within 12 months after the date on which the initial Interim/Final Fire Safety Certificate is issued or the use commencing, whichever is earlier.	Noted	NA	Not trigger
FIRE SAFE	TY CERTIFICATION			
F2	The development shall operate in accordance with the Fire Safety Certificate obtained in accordance with condition E12.	Noted	NA	Not trigger
STORAGE	AND HANDLING OF WASTE	•		
F3	All waste collection services must be undertaken in accordance with this consent.	Noted	NA	Not trigger
F4	No waste must be placed for collection in a public place e.g. footpaths, roadways and reserves under any circumstances.	Noted	NA	Not trigger
F5	Adequate provisions are to be made within the premises for the storage, collection and disposal of waste and recyclable materials, to the satisfaction of Council.	Noted	NA	Not trigger
F6	All waste must be collected by a waste contractor authorised by the Waste Service of New South Wales and details of the proposed waste collection and disposal service are to be submitted to the Council prior to commencing operation of the business.	Noted	NA	Not trigge
LOADING /	UNLOADING			
F7	All loading and unloading operations associated with the site must be carried out:	Noted	NA	Not trigger

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			S)) NC+LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	 a) in accordance with the Loading and Servicing Management Plan approved under this consent; b) within the confines of the site, at all times and must not obstruct other properties or the public way; and c) in a manner so as not to cause inconvenience to the public or detrimentally impact the amenity of the locality 			
F8	The service vehicle docks, car parking spaces and access driveways must be kept clear of goods at all times and must not be used for storage purposes, including garbage storage	Noted	NA	Not triggered
ENVIRONM	ENTAL AMENITY AND ENVIRONMENTAL HEALTH			
F9	External lighting to the premises must be designed and located so as to minimise light-spill beyond the property boundary or cause a public nuisance. Notwithstanding, should any outdoor lighting result in any residual impacts on the amenity of surrounding sensitive receivers, the Applicant must provide mitigation measures in consultation with affected landowners to reduce the impacts to an acceptable level	Noted	NA	Not triggered
F10	The use and operation of the premises shall not give rise to an environmental health or public nuisance	Noted	NA	Not triggered
NOISE CON	ITROL – MECHANICAL PLANT AND EQUIPMENT			
F11	The operation of plant and equipment shall not give rise to an 'offensive noise' as defined in the Protection of the Environment Operations Act 1997 and Regulations.			Not triggered
OPERATIO	N OF PLANT AND EQUIPMENT			
F12	All plant and equipment used in the development, or to monitor the performance of the development must be:a) maintained in a proper and efficient condition; and	Noted	NA	Not triggeree

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



			SN)) C•LAVALIN
Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	b) operated in a proper and efficient manner.			
COMMUNIT	TY COMMUNICATION STRATEGY			
F13	The CCS, as approved by the Planning Secretary, must be implemented for a minimum of 12 months following the completion of construction.	Noted	NA	Not triggered
CHILD CEN	ITRE DROP-OFF AND PICK-UP SPACES	·		·
F14	 Parking and travel survey must be undertaken on a yearly basis, for up to 3 years from the first commencement of use of the child care centre or until the child care centre cease to operate, whichever comes first. The survey is to review the usage, demand and management of the drop-off and pick-up spaces for the childcare centre to ensure the number of drop off and pick up spaces are adequate in meeting the demand and are suitably managed. The first survey is to be completed 12 months from the first commencement of use of the child care centre. The surveys must document: a) Demand and usage of drop-off and pick-up spaces b) Travel modal split to the childcare centre c) Record of any management of access and safety incidents The surveys must be retained upon completion and be made available to the Planning Secretary upon request. 	Noted	NA	Not triggered
F15	The Applicant may increase or reduce the number of drop-off and pick-up spaces for the childcare centre based on the demand and usage as demonstrated in yearly parking and travel survey, with a minimum of four (4) spaces and up to eight (8) spaces to be provided. The drop-off and pick- up spaces must be provided in accordance with	Noted	NA	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Approval (ID)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	Condition E28.			

Table A2: CEMP & Sub-Plan Requirements

Section	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
CONSTRU	CTION FRAMEWORK ENVIRONMENTAL MANAGEMENT	PLAN (CFEMP) SSD 10438		
12 IMPROV	/EMENT			
12.1 Incide	nts, non-conformity and corrective action			
12.1	 When a nonconformity (including an incident, or a verified complaint) occurs, the Project shall: react to the nonconformity and, as applicable: take action to control and correct it; deal with the consequences, including mitigating adverse environmental impacts; evaluate the need for action to eliminate the causes of the nonconformity, in order that it does not recur or occur elsewhere, by: reviewing the nonconformity; determining if similar nonconformity; determining if similar nonconformities exist, or could potentially occur; implement any action needed; review the effectiveness of any corrective action taken; make changes to the environmental management system, if necessary. 	Interview with Auditees	The NC raised in relation to a concrete pour overrun was used as an example here. Refer Condition D3 of the Audit Table for details.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Section	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
12.3 Contir	nual improvement			
12.3	 The Project will continually improve the suitability, adequacy and effectiveness of the John Holland EMS to enhance environmental performance. This will be documented and managed using the tools outlined in Table 19 of the CFEMP: Actions Arising Lessons Learned 	 Interview with Auditees JHG Weekly Enviro Inspection Record, INS-0030580, 25/8/2023 JHG Weekly Enviro Inspection Record, INS-0134982, 11/7/2023 JHG Weekly Enviro Inspection Record, INS-0031322, 1/9/2023 ACT-0136716, 7/8/2023 – clean-up of hydraulic oil spill ACT-0134249, 21/6/2023 – Relocate notice board with site plans to more visible location 	 Weekly Enviro Inspections are conducted. Photos are taken during inspections and actions assigned to the relevant person for close-out in the Soteria system, a product of SAI 360. The Soteria system was reviewed during the audit and examples were provided demonstrating actions raised and closed out from enviro inspections. The implementation of continual improvement mechanisms was examined using the example of a concrete pour overrun that the project raised as a self-reported NC. <u>Observation</u>: The concrete pour overrun example could be considered for use in a JHG Lessons Learnt to demonstrate continual improvement in the EMS. 	Compliant
ASPECTS	& IMPACTS REGISTER			
Contamin ation	Management of contaminated or untreated materials: Undertake regular inspections of work areas pre, during and after works to ensure controls are in good condition.	 Interview with Auditees JHG Weekly Enviro Inspection Record, INS-0031322, 1/9/2023 	JBS&G were on site full time for the first 2-3 months of the project. The project team reported asbestos fibre air monitoring had been conducted during remediation and no exceedances had been identified. Physical monitoring is also understood to have been conducted continuously during this time.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Section	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			JHG weekly enviro inspections conducted.	
Hazardou s Materials	Storage of hazardous substances, leaking plant and equipment and spillage from refuelling: Regular inspections of storage areas.	 Interview with Auditees JHG Weekly Enviro Inspection Record, INS-0031322, 1/9/2023 	Weekly Enviro Inspections are conducted and include an inspection of the hazardous chemical storage.	Compliant
Biodiversi ty	Implement Vegetation Removal Permit System.	Interview with Auditees	No vegetation removal required for the project.	Not triggered
Heritage	Provide frequent toolbox talks on Unexpected Finds Procedure.	Interview with AuditeesAMBS Final Clearance Certificate	AMBS has been managing the archaeological investigation process, which was ongoing for the first 22 weeks of construction and was the main activity.	Compliant
	Y MANAGEMENT PLAN (AQMP) SSD 10438			
APPENDIX	В			
AQMP01: D	ust, Odour, VOC and SVOC Hazard Control			
AQMP01	A water misting system will be established on site boundaries for use as required to prevent off-site emissions as a minimum should the results of realtime dust monitoring (as per AQMP02 Air Quality Monitoring) exceed the acceptable level	 Interview with Auditees JHG Environmental Monitoring Tracker – Snapshot – Dust, July 2023 	No exceedances in realtime dust monitoring have been identified from dust deposition monitoring around the site boundary at Raglan St, Botany Rd & Wellington Street & on the corner of Wellington & Cope Street. Text message/alerts are received in the event of an exceedance, which is then investigated to determine the cause. Dust suppression was in place with the use of three gurneys and two misting fans. The water misting system on the site boundaries had not yet been established with dust	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Section	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			managed with existing measures without exceedance to date.	
AQMP01	Where stockpiles are to be left in place for significant periods of time, they shall be covered or routinely wetted to prevent dust emissions	Interview with AuditeesSite inspection	The main spoil stockpile in the southern portion of the site is covered at the of each day and wetted down during the day.	Compliant
AQMP02: A	ir Quality Monitoring			
AQMP02	Dust deposition monitoring shall be undertaken by dust deposition gauges maintained permanently at four locations on the site boundary (one north, one south, one east and one west).	Interview with AuditeesSite inspection	Dust deposition gauges were verified to be in place on site and monitoring conducted as required.	Compliant
AQMP02	Samples shall be collected and analysed monthly throughout the works.	 Interview with Auditees Eurofins Certificate of Analysis, Report 1013363-A, 2/8/2023 JHG Environmental Monitoring Tracker – Snapshot – Dust, July 2023 	Dust samples are collected monthly and results entered in to the JHG Environmental Monitoring Tracker. Dust deposition records of monitoring data for 31/7/23 were sighted. Dust is split into categories including Combustible solids, Soluble solids, Total solids, Total volume, Ash & Insoluble solids. It is noted that ash deposition has been attributed to dust from surrounding roads, rather than the project site. The project team reported real time site hive monitors are sometimes also triggered by frost/dew and persons vaping near the site boundary.	Compliant
AQMP02	Where the level of dust deposition exceeds 2g/m ² /month the implementation of AQMP01 Dust and Airborne Hazard Control shall be reviewed.	Interview with Auditees	Dust exceedances have not been attributed to the project. It is noted the 2g/m ² /month dust deposition criteria has been attributed to the trigger for insoluble solids, which was not verified as accurate.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Section	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
CONSTRU	ICTION NOISE & VIBRATION MANAGEMENT PLAN (CNVI	MP) SSD 10438		
SECTION	8.1 NOISE			
8.1.1 Nois	e physical measures			
8.1.1	The use of both A-class and B-class hoardings are required to be installed to mitigate the impact of the highest predicted noise levels. The construction of the barrier should be impervious of gaps and cracks	Interview with AuditeesSite inspection	A-class and B-class hoardings were in place around the site boundaries as required. No gaps or cracks were observed during the site inspection. Refer Conditions C28-C30 of the Audit Table for more detail.	Compliant
	In addition to the sound attenuating barrier, at least one respite period such as, 12:00pm – 1:00pm or otherwise agreed with the community, should be offered per day during the most intensive periods of hammering and rock breaking	Interview with AuditeesSite inspection	Agreed respite times are documented in the site induction 9-12 (12-2pm respite), 2-5pm. Refer Condition D18 of the Audit Table for more detail.	Compliant
8.1.2 Nois	e management measures	•	•	
8.1.2	Regular communication with nearby noise sensitive receivers about the construction activities.	 Interview with Auditees Interview with Auditees Stakeholder & Communications Manager 	Letterbox drops and monthly email notifications are distributed and available on the Sydney Metro website. A Weekly E-Newsletter is distributed via Consultation Manager. Refer Condition C16 of the Audit Table for more detail.	Compliant
	Effective scheduling can help to minimise the impact of noise on the nearby noise sensitive receivers.	Interview with Auditees	Agreed respite times are documented in the site induction 9-12 (12-2pm respite), 2-5pm. Refer Condition D18 of the Audit Table for more detail.	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Section	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status			
SECTION 8	SECTION 8.2 VIBRATION						
8.2.1 Vibra	tion physical measures						
8.2.1	The most effective physical measure is to break the physical connection between the source of vibration and the receiver. This can be achieved by means of cutting a narrow trench in between the source of vibration and the receiver. The trench may be cut using a rock saw or dug using an excavator for example.	Interview with Auditees	Documented methodology has not been practical to implement to date for the basement site.	Not triggered			
8.2.2 Vibra	tion management measures						
8.2.2	Drilling/stitch drilling/rock sawing may be able to be used instead of sheet piling or rock breaking, particularly where sheet piling is proposed to TC5 base immediately adjacent the Church.	Interview with Auditees	Concrete ripping & drill piling have been utilised to minimise vibration to date for the basement site.	Compliant			
8.6.2 Noise	e monitoring program						
8.6.2	It is recommended to carry out attended noise monitoring at various locations in proximity of the activity under investigation to determine the noise levels at the most impacted receivers. Measurements should be carried out at the start of each new construction stage or noisy activity as a minimum.	 Interview with Auditees JHG Environmental Monitoring Tracker – Snapshot – Noise Monitoring, July 2023 	Attended noise monitoring has been conducted for each new noisy activity, e.g. Stage 2 perimeter piling and at regular intervals as required by the JHG Environmental Advisor. There have been no known exceedances with predicted noise levels identified during attended or unattended monitoring. NB : <i>Review of noise monitoring data</i> <i>was limited to a snapshot from July</i> 2023.	Compliant			
8.6.2	When a new noisy item of plant is brought onto site for the first time noise measurements may be required to determine compliance with Schedule 1 of the City of Sydney Construction Hours/Noise within the Central Business District (Appendix E).	 Interview with Auditees JHG Environmental Monitoring Tracker – Snapshot – Noise Monitoring, July 2023 	Plant noise checks are undertaken as required and recorded on the JHG Environmental Monitoring Tracker.	Compliant			

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Section	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
CONSTRUC	CTION WASTE MANAGEMENT PLAN (CWMP) SSD 10438	3		
SECTION 5	SPOIL & WASTE MANAGEMENT			
5.4.2 Gener	al construction waste			
Wastewat er	Wastewater is expected to be generated through activities such as masonry cutting, paint washout etc. These activities will be managed by dedicated masonry and wash out bins to catch slurry and materials. No untreated wastewater is to be discharged to any stormwater systems.	Interview with Auditees	Not applicable to date.	Not triggered
5.4.3 Resou	irce recovery exemptions			
5.4.3	 During the project, materials may be encountered that do not meet the VENM or ENM classification but are also not contaminated material. In these circumstances the Project will check for existing resource recovery exemptions such as: The excavated public road material exemption 2014 (EPA); The reclaimed asphalt pavement exemption 2014 (EPA); The recovered aggregate exemption 2014 (EPA). 	 Interview with Auditees Waterloo OSD – Basement Construction Waste Management Sub-Plan (CWMP), RevA, dated 17/1/2023 JHG Environmental Monitoring Tracker, Snapshot – Spoil, dated 8/3/2023-26/6/2023 	A spoil tracker is maintained by JHG and includes record of Work scope, Date, Truck rego/Plant #, Tip docket, Vehicle type, Disposal location, Area of excavation, Material type, Actual quantity removed (T), EPL Licence No., & Material transferred, reuse, recycled or disposed. Spoil records sighted indicate spoil removed from the basement has been disposed, with GSW & RSW- Asbestos to Cleanaway Erskine Park (Enviroguard) and GSW to Sydney Recycling Park. HSW has been disposed at Cleanaway St Marys. No resource recovery exemptions have been applicable to date,	Not triggered
5.4.3	Potential spoil offsite reuse locations will be identified by the Construction Manager and Environment and Sustainability Manager. The following will be completed:	Interview with Auditees	As above – all spoil removed from site has not been suitable for reuse at the time of IA1.	Not triggered

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



 Check that appropriate approvals are in place for the receiving site, Check that a s143 Notice has been completed by the reuse location owner and / or site operator Agree to commercial terms with the site operator and / or owner, and Ensure that relevant CoA, environmental, 		Independent Audit Findings & Recommendations	Compliance Status
 the receiving site, Check that a s143 Notice has been completed by the reuse location owner and / or site operator Agree to commercial terms with the site operator and / or owner, and Ensure that relevant CoA, environmental, 			
community and traffic impacts are managed under the approved CEMP and sub plans, Community Communication Strategy and the Construction Traffic Management Plan (CTMP) including approved haulage routes.			
A Waste Receival Site Register will be maintained by the Environment and Sustainability Coordinator and will include details of the recycling, transfer and disposal sites assessed and approved by the Project to receive	Interview with Auditees	As above	Not trigger

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0



Section	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
SECTION 1	11 OTHER CONSIDERATIONS			
11.4 Const	ruction staff parking strategy			
	 Due to site constraints, there will be limited parking available for staff. All site personnel are advised to not park on street parking within the vicinity of the development site and the following is to be implemented: Staff encouraged to use public transport to and from the project including by providing information packs on available modes and locations of public transport relative to a defined local area. Carpooling will be encouraged/incentivised. Designated bicycle storage facility on site in Cope Street Plaza shall be provided for staff. Continual monitoring and reinforcement of parking strategy requirements as part of inductions, weekly meeting and pre-start meetings. Implementation of a warning and enforcement system for ongoing parking strategy offences 	 CPTMP Waterloo OSD Site Induction 	Bicycle parking is being delivered by the SM station team. The site induction includes information on the construction staff parking strategy including: No parking on Cope, Botany, Raglan & Wellington Streets; Available parking options, and details for Bus & Rail services (Redfern Station & Green Square).	Compliant

Audit Table	Waterloo Metro Quarter Basement Car Park	September 2023
SSD 10438	WL Developer Pty Ltd	Final – Rev0





APPENDIX B – PLANNING SECRETARY AUDIT TEAM AGREEMENT

Department of Planning and Environment



Ryan Thomas Project Director, Waterloo Metro Quarter WL Developer Pty Ltd ACN 637 792 888 Level 28, 200 George Street Sydney NSW 2000

17/08/2023

Dear Mr Thomas

Basement Car Park Detailed Design SSDA – SSD-10438

Revised Independent Auditor Approval Request

I refer to your revised request (SSD-10438-PA-17) for the Secretary's approval of suitably qualified persons to prepare the first Independent Environmental Audit (**IEA**) for the Waterloo Metro Quarter Basement Car Park (**project**), SSD-10438 as modified (**consent**).

The Department of Planning and Environment (**department**) has reviewed the revised nomination and information you have provided and is satisfied that this expert is suitably qualified and experienced. Consequently, I can advise that the Secretary approves the appointment of the nominated auditor below to prepare and undertake the first IEA and report.

In accordance with Condition A27 of the consent Independent Audit Post Approval Requirements (department 2020) (**IAPAR**), as nominee of the Planning Secretary, I approve the appointment of the following auditor from Morasey Environmental Pty Ltd, acting for SNC-Lavalin Australiasia Pty Ltd, to undertake the IEA:

• Josephine Heltborg

Please ensure this correspondence is appended to the Independent Audit Report.

As with the Secretary's previous approval, the IEA must be prepared, undertaken, and finalised in accordance with Conditions A26, A28, A29 and A30 of the consent and the IAPAR. Failure to meet these requirements will require revision and resubmission.

Notwithstanding the agreement with the audit team detailed above, the Department reserves the right to request an alternate auditor or audit team for future IEAs. Each respective future IEA requires a request for agreement to the auditor and/or audit team be submitted to the Department, for consideration of the Secretary under Condition A27. Each request is reviewed on its merits and depending on the complexity of the project and any ongoing issues, the suitability of a proposed auditor or audit team will be considered.

Should you wish to discuss the matter further, please contact Astrid Christensen, Compliance Officer, on 02 9274 6170 or email <u>compliance@planning.nsw.gov.au</u>

Department of Planning and Environment



Yours sincerely

Julia Pope Team Leader Compliance - Metro Compliance

As nominee of the Planning Secretary







APPENDIX C – SITE PHOTOGRAPHS







Photo 1: Wheel wash in use for concrete truck exiting the site



Photo 2: Signage displayed to communicate standard construction hours and community management





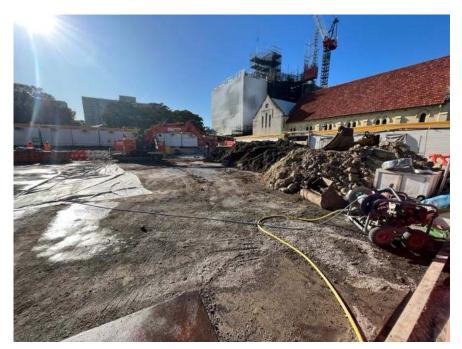


Photo 3: Stockpiling area at the south end of the site



Photo 4: New turkey's nest under construction with accumulated surface water pumped from the old turkey's nest







Photo 5: Piling on the western site boundary

Photo 6: B-Class Hoarding along Botany Road







Photo 7: Dust deposition monitor in place

Photo 8: Site Notice





APPENDIX D – CONSULTATION

Jo Heltborg

From: Sent: To:	Jo Heltborg Monday, 11 September 2023 11:23 AM
To: Cc: Subject:	Nairy Topouzian-JHG FW: Consultation: Independent Audit 1 - SSD 10438 Waterloo Metro Quarter Basement
Attachments:	Car Park Appointment of Experts_17082023_123749.pdf

Good Morning Russell,

I am getting in touch re the initial Independent Audit currently underway for Waterloo Metro Quarter – SSD 10438 Basement. Please feel free to contact me should there be any issues you would like considered that are not already included in the audit scope (as set out in the email below), or if you would like to discuss ant aspect. I have just left you a phone message also.

Kind regards,

Josephine Heltborg

Principal Environmental Auditor Morasey Environment Pty Ltd M: E: jo@morasey.com.au W: www.morasey.com.au

From: Jo Heltborg
Sent: Friday, August 18, 2023 11:51 AM
To: compliance@planning.nsw.gov.au
Cc:
Subject: Consultation: Independent Audit 1 - SSD 10438 Waterloo Metro Quarter Basement Car Park

Dear DPE,

As the independent auditor for the for the Waterloo Metro Quarter Basement Car Park (project), SSD 10438 as modified, I am consulting with the Department in accordance with Section 3.2 of the DPE Independent Audit PARs, 2020 (IAPARs).

The proposed scope of the audit is as follows and has been prepared in consideration of Section 3.3 of the IAPARs:

- Assessment of compliance with Parts A, B C & D of SSD 10438 (that may be relevant at the time of the audit)
- An assessment of compliance with post approval documents prepared to satisfy the conditions of consent, including an assessment of the implementation of Environmental Management Plans and Sub-plans;
- An assessment of the environmental performance of the development, including:
 - Actual impacts compared to predicted impacts in the environmental impact assessment (EIA);
 - The physical extent of the development in comparison with the approved boundary, and any potential offsite impacts;

- Incidents, non-compliances and complaints that occurred or were made during the audit period;
- The performance of the development having regard to agency policy and any particular environmental issues identified through consultation carried out when developing the scope of the audit;
- Feedback received from the Department, and other agencies and stakeholders on the environmental performance of the project during the audit period;
- A high-level assessment of whether Environmental Management Plans and Sub-plans are adequate.
- Any other matters considered relevant by the auditor or the Department taking into account relevant regulatory requirements and legislation and knowledge of the development's past performance.

The onsite component of the audit is scheduled on Wednesday 30th August 2023.

If you would like any additional considerations taken into account during the audit (including other agency consultation), or require any additional information please get in touch prior to the site inspection.

Kind regards,

Josephine Heltborg Principal Environmental Auditor Morasey Environment Pty Ltd M: E: jo@morasey.com.au W: www.morasey.com.au

2





APPENDIX E – INDEPENDENT AUDIT DECLARATION FORM

Project Name	Waterloo Metro Quarter Development – Program of Audits
Consent Number	SSD 10437; SSD 10438; SSD 10440; & SSD 10439
Description of Project	Construction of the Waterloo Metro Quarter Precinct
Project Address	Waterloo Metro Quarter Over Station Development, Waterloo NSW (various parcels of land as per SSD planning approvals listed above)
Proponent	WL Developer Pty Ltd
Consent Authority	Minister for Planning and Public Spaces
Date of Determination	 SSD 10437 (Southern Precinct) - 30 July 2021 SSD 10438 (Basement) - 30 July 2021 SSD 10439 (Central Precinct) - 24 November 2021 SSD 10440 (Northern Precinct) - 23 September 2023

Declaration of Independence Form

I declare that:

- i. I am not related to any proponent, owner, operator or other entity involved in the delivery of the project. Such a relationship includes that of employer/employee, a business partnership, sharing a common employer, a contractual arrangement outside an Independent Audit, or that of a spouse, partner, sibling, parent, or child;
- ii. I do not have any pecuniary interest in the project, proponent or related entities. Such an interest includes where there is a reasonable likelihood or expectation of financial gain (other than being reimbursed for performing the audit) or loss to the auditor, or their spouse, partner, sibling, parent, or child;
- iii. I have not provided services (not including independent reviews or auditing) to the project with the result that the audit work performed by themselves or their company, except as otherwise declared to the Department prior to the audit;
- iv. I am not an Environmental Representative for the project; and
- v. I will not accept any inducement, commission, gift or any other benefit from auditee organisations, their employees or any interested party, or knowingly allow colleagues to do so.
- vi. I am engaged by Healthy Buildings International Pty Ltd as an Environmental Representative (ER) for the Sydney Metro City and Southwest (CSW) project, limited to Barangaroo Station, Sydenham Station and Junction (SSJ) and Sydenham to Bankstown Corridor (SMC) components of the CSW project. I do not work, and have not had any prior involvement with the Sydney Metro Waterloo Station development and an independent of the Contractors and Proponent engaged to provide services to construct the Waterloo Metro Quarter Precinct over station development.

Notes:

a. Under section 10.6 of the *Environmental Planning and Assessment Act 1979* a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and

Declaration of Independence Form (Independent Audit Compliance Requirements, Appendix A)

b. The *Crimes Act 1900* contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both)

Name of Proposed Auditor	Josephine Heltborg
Signature	J. Helling
Qualification	Master of Environmental Management Exemplar Global Auditor Number 111000
Company	Morasey Environment Pty Ltd acting for SNC-Lavalin Australasia Pty Ltd
Date	9 August 2023





APPENDIX F – AUDIT ATTENDEE LIST

WATERLOO METRO QUARTER -- BASEMENT SSD 10438 INDEPENDENT ENVIRONMENTAL AUDIT 1

NAME POSITION & COMPANY SIGNATURE Lefan Lun Enviro JHG	
	2
Fristan Rodrigues Enviro Advisor JH4 Alle	2
COM NEWLING OPTERTION (INV MAR)	
VAIRY TOPOUZIAN ASSISTANT DEVELOPMENT NC	
EVGENE CHON Project Manager (JMG)	
RYAN THOMAS. PROJECT DIRECTOR DE.	
Eanna Ruller Stokerolder &	
SITE INSPECTION - ATTENDEES - 6th SEPTEMBER 2023	
NAME POSITION & COMPANY SIGNATURE	
CLOSING MEETING – ATTENDEES – 22SEPTEMBER 2023	
NAME POSITION & COMPANY SIGNATURE	
NAIRY TOPOUZIAN ASSISTANT DEVELOPMENT MANAGE	
Fristan Rodrigues Enviro Advisor THE	_
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Robbie Neen VH6- Sayety	0
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ASHLEY MARKS JIHL-SM	