

Prepared for
Hanson Construction Materials Pty Ltd

Prepared by
Ramboll Australia Pty Ltd

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Project Number
318000905

INDEPENDENT ENVIRONMENTAL AUDIT

DA 9449 BLACKWATTLE BAY CONCRETE BATCHING PLANT DEMOLITION

INDEPENDENT ENVIRONMENTAL AUDIT DA 9449 BLACKWATTLE BAY CONCRETE BATCHING PLANT DEMOLITION

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Made by **Vanessa White & David Ford**
Checked by **Victoria Sedwick**
Approved by **Victoria Sedwick**
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Blackwattle Bay Concrete Batching Plant Demolition**
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GLOSSARY

AEMR	Annual Environmental Management Report
AQMP	Air Quality Management Plan
BCA	Building Code of Australia
CC	Construction Certificate
CCS	Community Communication Strategy
CMP	Conservation Management Plan
DPIE	NSW Department of Planning, Industry & Environment
EA	Environmental Assessment
EIS	Environmental Impact Statement
EMP	Environmental Management Plan
EMS	Environmental Management System
ENM	Excavated Natural Material
EPA	NSW Environment Protection Authority
EPL	Environment Protection Licence
HAMS	Heritage Asset Management Strategy
HIP	Heritage Interpretation Plan
ICNG	Interim Construction Noise Guideline
IEA	Independent Environmental Audit
ISO	International Organisation for Standardisation
JSEA	Job Safety and Environment Analysis
NSW	New South Wales
NVMP	Noise and Vibration Management Plan
OEMP	Operational Environmental Management Plan
PCA	Principal Certifying Authority
PIRMM	Pollution Incident Response Management Manual
PIRMP	Pollution Incident Response Management Plan
POEO	Protection of the Environment Operations (Act)
RAP	Remedial Action Plan
REMP	Remediation Environmental Management Plan
RTS	Response to Submissions Report
TMP	Traffic Management Plan
VENM	Virgin Excavated Natural Material
WMP	Waste Management Plan

1. EXECUTIVE SUMMARY

Hanson Construction Materials Pty Ltd (Hanson) engaged Ramboll Australia Pty Ltd (Ramboll) to conduct an Independent Environmental Audit (IEA) of the Blackwattle Bay Concrete Batching Plant Demolition project. The Blackwattle Bay Concrete Batching Plant is located at 1/1A Bridge Road, Glebe, New South Wales (NSW). The plant is being demolished as Hanson is vacating the site.

The Blackwattle Bay Concrete Batching Plant Demolition was approved by the Minister for Planning under delegation under Development Consent DA 9449 dated 19 December 2018. Hanson is the "Applicant" for the purpose of DA 9449. The IEA, which is the subject of this report, is required under Conditions B12 to B16 of DA 9449. At the time of the IEA, demolition works were underway, having commenced on 4 April 2020.

The objective of the Audit was to independently assess the environmental performance and compliance status of the project during the Audit Period. The Audit Period is from the issue of the Development Consent DA 9449 on 19 December 2018 to the date of the Audit site visit, 5 May 2020.

The Auditors assessed the development to be compliant with Development Consent DA 9449 except for one non-compliance, which was considered to be administrative in nature and not considered to require further action. The non-compliance was as follows:

- Condition B28 – The Traffic Management Plan was submitted to DPIE, RMS, TfNSW and Council on 26 March 2020. The plan was revised on 08/04/20 following consultation with Council and endorsed by TfNSW on 14/04/20. At the time of the Audit, the revised Plan had not been provided to DPIE. This oversight was rectified during the Audit and no further action is recommended.

Recommendations have been made in relation to five opportunities for improvement as follows:

- Condition A12 – Establish a process to ensure that the Department is notified in accordance with this condition in the event that an incident (as defined in the consent) occurs.
- Condition A14 – Establish a process to ensure that the Department is notified in accordance with the requirements of conditions A14 – A16 in the event that a non-compliance occurs.
- Condition B7 – Approved plans which have been reissued as final Revision 00 should be provided on the project website; and a process should be established to ensure documents and information on the websites are kept up to date.
- Condition B24 and General – All revisions of management plans that have been provided to the Secretary for information, including those involving only minor modification, should also be provided to the Secretary.
- Condition C10 – The sound power level of equipment being used to demolish the concrete silos should be compared to the sound power level of the Indicative Demolition Fleet in Table 6.1 of the Noise Management Plan, as used in the predictive noise modelling; and the need for noise and vibration monitoring should be considered as part of investigation of a received noise complaint and consultation with the complainant.

2. INTRODUCTION

2.1 Background

Hanson Construction Materials Pty Ltd (Hanson) engaged Ramboll Australia Pty Ltd (Ramboll) to conduct an Independent Environmental Audit (IEA) of the Blackwattle Bay Concrete Batching Plant Demolition project. The Blackwattle Bay Concrete Batching Plant is located at 1/1A Bridge Road, Glebe, New South Wales (NSW). The plant is being demolished as Hanson is vacating the site.

The Blackwattle Bay Concrete Batching Plant Demolition was approved by the Minister for Planning under delegation under Development Consent DA 9449 dated 19 December 2018. Hanson is the "Applicant" for the purpose of DA 9449. The IEA, which is the subject of this report, is required under Conditions B12 to B16 of DA 9449.

Under Schedule 2 of DA 9449, the Development Consent Conditions are divided into four parts as follows:

- Part A Administrative Conditions
- Part B Prior to Commencement of Works
- Part C During Demolition
- Part D Prior to Completion of Works and Post Demolition

At the time of the first IEA (this Audit), demolition works were underway, having commenced on 4 April 2020.

An Audit Program for the conduct of the IEAs was prepared for Hanson by Ramboll and was submitted to the DPIE by Hanson on 3 February 2020. As demolition was expected to take three months, the Audit Program was divided into two audits targeting the two phases of the development as follows:

- 1) Prior to commencement of works and during demolition (Parts A to C); and
- 2) During demolition, prior to completion of works and post demolition (Parts A, C and D, and any of Part B that had not previously been triggered).

2.2 Audit Team

The Audit Team comprised Vanessa White (Auditor) and David Ford (Auditor) of Ramboll. The Audit Report was prepared by Vanessa White and David Ford; and reviewed and authorised by Victoria Sedwick (Lead Auditor).

2.3 Audit Objectives

The objective of the Audit was to independently assess the environmental performance and compliance status of the project during the Audit Period.

2.4 Audit Scope

The scope for the Audit is taken from the Audit Program, which was based on DA 9449 Condition B13, as follows:

"Audit 1 will:

- a) Assess the environmental performance of the development, and its effects on the surrounding environment including the community;
- b) Assess whether the development is complying with the terms of this consent;
- c) Review the adequacy of any document required under this consent; and
- d) Recommend measures or actions to improve the environmental performance of the development, and improvements to any document required under the consent.

Audit 1 scope:

- *All Part A conditions of consent (Administrative Conditions);*
- *All Part B conditions of consent (Prior to Commencement of Works);*
- *All Part C conditions of consent (During Demolition);*
- *All Part D conditions of consent (Prior to Completion of Works and Post Demolition) – noting that Part D conditions are unlikely to have been triggered at the time of this audit.”*

2.5 Audit Period

This is the first IEA for this development. The Audit Period is from the issue of the Development Consent DA 9449 on 19 December 2018 to the date of the Audit site visit, 5 May 2020.

3. AUDIT METHODOLOGY

3.1 Selection and Endorsement of Audit Team

All of the Ramboll Auditors referred to in Section 2.2 have training and extensive experience in conducting environmental compliance audits and are independent from Hanson. Victoria Sedwick is a certified Lead Auditor with Exemplar Global (Certificate No. 13180). Under the Conditions of Consent, endorsement of the Audit Team by DPIE was not required. Information on the independence of the Audit Team was provided to DPIE in a letter dated 3 February 2020 (**Appendix B**).

3.2 Independent Audit Scope Development

The scope for the Audit was developed to assess the development's environmental performance in relation to pre-demolition and demolition conditions of DA 9449, which included all post approval documents prepared to satisfy the conditions relevant to the pre- demolition stage of development and the demolition stage. At the time of this audit, there had been no modifications of Consent Conditions.

3.3 Compliance Evaluation

The following forms of evidence were gathered during the conduct of the Audit:

- Site inspection of the Blackwattle Bay Concrete Batching Plant on 5 May 2020, which included the taking of photographs;
- Review of documents, reports and other records including approvals, reports prepared to satisfy the conditions, site inspection checklists, site photographs, site plans and drawings, as well as Hanson's correspondence with agencies including the DPIE;
- Interviews of site personnel (refer Section 3.4);
- Calling the "Demolition Hotline 1800 955 746" number;
- Review of documents posted on the internet including Hanson and DPIE websites.

3.4 Site Inspection and Interviews

The Blackwattle Bay Concrete Batching Plant was inspected by the Auditors on 5 May 2020. The following personnel were interviewed during the site visit and accompanied the Auditors during the site inspection:

- Ashleigh Zarlenga, Development Planner, Hanson
- Mauro Lipo, Project Manager, Hanson
- Percy Piper, Project Manager, Liberty Industrial

3.5 Consultation

Under the Conditions of Consent, formal consultation was not required. The Auditors consulted informally with the Compliance section of DPIE prior to the site visit and were advised that noise was the main area of potential concern as there had been a recent noise complaint.

3.6 Compliance Status Descriptors

This Audit Report has been prepared in accordance with the requirements for an Independent Audit Methodology and Independent Audit Report in DPIE's *Independent Audit Post Approval Requirements* (June 2018)¹. As such, the following compliance status descriptors have been used:

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

Observations have also been made that identify opportunities for improvement.

¹ The Auditors note that DPIE's *Independent Audit Post Approval Requirements* were revised in May 2020, after the Audit site visit on 5 May 2020. The June 2018 guidelines are referenced as they were valid at the time of the Audit site visit.

4. AUDIT FINDINGS

4.1 Approval and Document List

The following approvals and documents provided by Hanson and/or available on the Hanson project website, as well as the DPIE Major Projects website, were reviewed by the Auditors:

- Development Consent D9449, 19 December 2018
- Demolition Plan, Drawing No. BWB01, prepared by Hanson Heidelberg Cement Group, dated 16/10/2018.
- MP-04 Environmental Management Plan, 28/04/20 prepared by Liberty Industrial for Hanson Construction Materials
- Procedure – Fleet Management PRO-052, 09/04/20 by Liberty Industrial
- 48t Excavator (Longreach) Plant Inspection Report dated 02/04/20
- Excavator Familiarisation VOC-32 High Reach Excavator dated 10/03/20
- Email from NSW Long Service Corporation to Hanson dated 11/01/19, RE: DA 9449 Long Service Levy Query
- City of Sydney Remittance Advice Note, 1909005382, 18/02/20
- Dilapidation Inspection Report, 1A Bridge Road, Glebe, 20/02/20 prepared by Jim's Building Inspections
- Dilapidation Inspection Report, 2, 2A, 2B Bridge Road, Glebe, 20/02/20 prepared by Jim's Building Inspections
- Dilapidation Inspection Report, 84-86 Wentworth Park Road, Glebe, 20/02/20 prepared by Jim's Building Inspections
- Pre-Demolition Compliance Report, 30/03/20 prepared by Hanson Construction Materials Pty Ltd
- Letter from Hanson to Kauri Foreshore Hotel, Dilapidation Report Enclosed for 2 Bridge Road, Glebe, 25/03/20
- Email from Hanson to City of Sydney dated 27/03/20, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 Dilapidation Reports
- Email from Hanson to DPIE dated 25/03/20, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 Scheduled Commencement Date
- Letter from DPIE to Hanson, 1/1A Bridge Road, Glebe (DA 9449) Pre-Demolition Compliance Report (PDCR), 02/04/20
- Email from Hanson to DPIE dated 03/02/20, DA 9449 Demolition of Existing Concrete Batching Plant Independent Environmental Audit Program
- Independent Environmental Audit Program, 03/02/20, prepared by Ramboll Australia Pty Ltd
- Community Communication Strategy, 25/03/20 prepared by Hanson Construction Materials Pty Ltd
- Email from Hanson to DPIE dated 22/01/20, DA 9449 Demolition of Existing Concrete Batching Plant Community Communication Plan
- Letter from DPIE to Hanson, 1/1A Bridge Road, Glebe (SSD 9449) Community Communication Strategy, 12/02/20
- Visitor/Truck Driver/Delivery Driver Site Induction dated 02/04/20
- Site Induction Questionnaire – Hanson Blackwattle Demolition #179 dated 01/04/20
- MP-01 Demolition Management Plan, 03/04/20, prepared by Liberty Industrial for Hanson Construction Materials
- Email from Hanson to DPIE and Council, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 AQMP NVMP, 27/03/20.
- Email from Hanson to DPIE, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 TMP DMP, 05/05/20.
- Air Quality Management Plan, 17 March 2020 prepared by ERM Australia Pacific Pty Ltd
- Noise & Vibration Management Plan, 25 March 2020 prepared by ERM Australia Pacific Pty Ltd

- MP-08 Erosion and Sediment Control Plan, 6 April 2020, prepared by Liberty Industrial for Hanson Construction Materials
- Email from Hanson to RMS and City of Sydney, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 Erosion and Sediment Plan, 26/03/20
- MP-03 Traffic Management Plan, 08 April 2020 prepared by Liberty Industrial for Hanson Construction Materials
- Email from Council to Hanson, Re: Blackwattle Bay Concrete Batching Plant Demolition DA 9449 Traffic Management Plan, 09/04/20
- Email from TfNSW to Hanson, FW: Blackwattle Bay Concrete Batching Plant Demolition DA9449 Traffic Management Plan, 14/04/20
- Email from Hanson to DPIE, RE: Blackwattle Bay Concrete Batching Plant Demolition DA 9449 TMP DMP, 05/05/20
- Traffic Management Plan, 08 April 2020 prepared by Liberty Industrial for Hanson Construction Materials
- Complaints Register
- MP-05 Waste Management Plan, 28/02/20, prepared by Liberty Industrial for Hanson Construction Materials
- MP-02 Asbestos Removal Control Plan, 6 April 2020, prepared by Liberty Industrial for Hanson Construction Materials
- Waste register "179_Hanson Waste & Recycling Register"
- EPA consignment notice (ZTNR-FS79-CF7A)

4.2 Compliance Performance

The Auditors assessed the development to be compliant with Development Consent DA 9449 except for the following non-compliance. As this non-compliance was corrected on the day of the Audit, no recommendation is made in Section 5.1. Refer to the Independent Audit Table (**Appendix A**) for full details of the identified non-compliances and compliance status of other conditions.

NON-COMPLIANCE

- Condition B28 – The Traffic Management Plan was submitted to DPIE, RMS, TfNSW and Council on 26 March 2020. The plan was revised on 08/04/20 following consultation with Council and endorsed by TfNSW on 14/04/20. At the time of the Audit, the revised Plan had not been provided to DPIE. This oversight was rectified during the Audit and no further action is recommended.

4.3 Summary of Agency Notices, Orders, Penalty Notices or Prosecutions

No Agency Notices, Orders, Penalty Notices or Prosecutions have been issued in relation to the development.

4.4 Previous Audit Recommendations

There are no previous audit recommendations for this development as this is the first IEA of the project.

4.5 EMP, Sub-plans and Post Approval Documents

The Auditors consider the Demolition Management Plan (DMP); Environmental Management Plan (EMP); Air Quality Management Plan (AQMP); Noise & Vibration Management Plan (NVMP); Erosion and Sediment Control Plan; Traffic Management Plan; Asbestos Removal Control Plan; and Communication Strategy to be adequate.

4.6 EMS

There is no project specific Environmental Management System (EMS) for the Blackwattle Bay Concrete Batching Plant Demolition project. The Auditors consider the various management plans noted in Section 4.5 to be generally appropriate for managing environmental matters.

4.7 Environmental Performance

No significant environmental performance issues or non-compliances were identified. The environmental performance of the development during the Audit Period is considered to be adequate. Noise impact on neighbouring buildings is an area of potential concern.

4.8 Complaints

One noise complaint has been recorded regarding demolition activities. It is understood this complaint was made on behalf of the Owners Corporation of a nearby building. The Auditors sighted email correspondence from Hanson seeking to consult with the complainant. At the time of the Audit, noise or vibration monitoring had not been undertaken. The Auditors make a recommendation in this regard in Section 5.2.

4.9 Incidents

No environmental incidents have reportedly occurred and there have been no incidents requiring notification to SafeWork NSW.

4.10 Actual Verses Predicted Environmental Impacts

As mentioned in Section 4.9, there have been no significant or reportable environmental impacts. The Auditors have not identified inconsistencies between actual environmental impacts and the predicted environmental impacts. As there had been no noise monitoring undertaken at the time of the Audit, the Auditors could not verify whether the actual noise impacts are inconsistent with the predicted noise impacts.

4.11 Site Inspection

The Auditors carried out a site inspection on 5 May 2020 accompanied by personnel referred to in Section 3.4. Photographs taken during the site visit are provided in **Appendix D**.

4.12 Site interviews

A brief meeting was held at the site office located at Blackwattle Bay Concrete Batching Plant on the day of the site visit that involved the Auditors, Hanson personnel and Liberty Industrial personnel referred to in Section 3.4. Some documents and records were reviewed on-site; however, most information was provided by email and reviewed off-site in order to manage risks associated with COVID-19.

4.13 Previous Compliance Report Recommendations

The Pre-Demolition Compliance Report (Hanson, Rev 0.2, 30/03/20) reported no environmental incidents or non-compliances or made any recommendations.

4.14 Improvement Opportunities

The following opportunities for improvement have also been identified. Refer to Section 5.2 for recommended actions.

- Condition A12 – No incidents have occurred to date; however, the Auditors could not verify that a process is in place to ensure that the Department is notified in accordance with this condition in the event that an incident (as defined in the consent) occurs.
- Condition A14 – The Auditors could not verify that a process is in place to ensure that the Department is notified in accordance with the requirements of conditions A14 – A16 in the event that a non-compliance occurs.
- Condition B7 – The required information has been provided on the project website; however, the Auditors could not verify whether a process is in place to ensure the information is kept up to date.
- Condition B24 – The Demolition Environmental Management Plan (Revision B) was submitted to Council and Secretary on 27 March 2020. The Plan was reissued on 03/04/20; however, the reissue was to amend the revision number of the plan as final (Revision 00) and no other changes to the plan were made. It was not clear whether revisions of plans that had been submitted for information should be provided to the

Secretary. For completeness, Revision 00 was submitted to the Secretary on 05 May 2020.

- Condition C10 – One noise complaint has been recorded regarding demolition activities. It is understood this complaint was made on behalf of the Owners Corporation of a nearby building. At the time of the Audit, noise or vibration monitoring had not been undertaken and the Auditors could not verify whether the actual noise impacts are inconsistent with the predicted noise impacts.

4.15 Key Strengths

The Auditors consider management of the development by Hanson and Liberty Industrial to be of a generally good standard in relation to site management, its environmental performance and documents/records management. All of the requested information was readily provided. Recommendations have been made in Section 5.2 to further improve management systems and environmental performance.

5. RECOMMENDATIONS AND OPPORTUNITIES FOR IMPROVEMENT

5.1 Recommendations in Relation to Non-compliances

No recommendations are made in relation to non-compliances.

5.2 Recommendations in Relation to Opportunities for Improvement

- a) Condition A12 – Establish a process to ensure that the Department is notified in accordance with this condition in the event that an incident (as defined in the consent) occurs.
- b) Condition A14 – Establish a process to ensure that the Department is notified in accordance with the requirements of conditions A14 – A16 in the event that a non-compliance occurs.
- c) Condition B7 – Approved plans which have been reissued as final Revision 00 should be provided on the project website; and a process should be established to ensure documents and information on the websites are kept up to date.
- d) Condition B24 and General – All revisions of management plans that have been provided to the Secretary for information, including those involving only minor modification, should also be provided to the Secretary.
- e) Condition C10 – The sound power level of equipment being used to demolish the concrete silos should be compared to the sound power level of the Indicative Demolition Fleet in Table 6.1 of the Noise Management Plan, as used in the predictive noise modelling; and the need for noise and vibration monitoring should be considered as part of investigation of the noise complaint and consultation with the complainant.

6. CONCLUSIONS

The Auditors assessed the development to be compliant with Development Consent DA 9449 except for one non-compliance, which was considered to be administrative in nature and not considered to require further action. It arose through oversight to provide updated information to DPIE within a specified timeframe. A general recommendation as an opportunity for improvement has been made in this regard as well as a further four opportunities for improvement.

The Auditors consider management of the development by Hanson and Liberty Industrial to be of a generally good standard in relation to demolition site management, environmental performance and documents/records management.

APPENDIX A

INDEPENDENT AUDIT TABLES

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
Schedule 2 – Part A Administrative Conditions				
OBLIGATION 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.	<ul style="list-style-type: none"> Refer relevant Conditions as listed in findings column 	The Auditors observed that reasonable and feasible measures are being implemented to prevent or minimise material harm to the environment.	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 SEE and Response to Submissions; (d) in accordance with the management and mitigation measures; (e) in accordance with the Demolition Plan, Drawing No. BWB01, prepared by Hanson Heidelberg Cement Group, dated 16/10/2018.	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 Demolition Plan, Drawing No. BWB01, prepared by Hanson Heidelberg Cement Group, dated 16/10/2018. Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA Site visit on 05 May 2020 	The development is being carried out generally in accordance with the requirements, with minor exceptions as outlined in this table.	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
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).	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 	The Planning Secretary has not made written directions.	Noted
A4	The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c) or A2(e). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c) or A2(e), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 	No inconsistencies, ambiguity or conflict have been identified.	Not triggered

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
EVIDENCE OF CONSULTATION				
A5	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: (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.	<ul style="list-style-type: none"> Refer to relevant Conditions as listed in findings column. 	<p>The Auditors confirmed that consultation had been carried out as required by the following Conditions:</p> <ul style="list-style-type: none"> B4 Pre-Demolition Dilapidation Report (Council and affected landowners) B17 Community Communication Strategy (Council and community) B24 Demolition Environmental Management Plan (Council) B25 Air Quality and Odour Management Plan (Council) B26 Demolition Noise and Vibration Management Plan (Council) B27 Erosion and Sediment Control Plan (RMS and Council) B28 Demolition Pedestrian Bicycle and Traffic Management Plan (Council, RMS and TfNSW) 	Compliant
OPERATION OF PLANT AND EQUIPMENT				
A6	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.	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 30/03/20, RE: Liberty Management Plans Email from Hanson to Ramboll dated 30/04/20, FW: BWB Auditor Document Request Environmental Management Plan, 28/04/20 prepared by Hanson Construction Materials Pty Ltd 	The site is under the control of the demolition contractor, Liberty Industrial. Employees undertake Liberty Industrial inductions, hold appropriate licences and attend daily pre-start consultation meetings to receive necessary training to operate plant and equipment used on site. All site-based plant equipment is maintained through weekly pre-start and inspection. Plant inspection and induction training records were sighted by the Auditors.	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
		<ul style="list-style-type: none"> • Procedure – Fleet Management PRO-052, 09/04/20 by Liberty Industrial • 48t Excavator (Longreach) Plant Inspection Report dated 02/04/20 • Signed induction records including: <ul style="list-style-type: none"> ○ Excavator Familiarisation ○ VOC-32 High Reach Excavator dated 10/03/20 		
APPLICABILITY OF GUIDELINES				
A7	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.	<ul style="list-style-type: none"> • Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 	The Auditors note that references guidelines, protocols, Australian Standards or policies in this consent are references to those versions of those documents current at the date of this consent.	Noted
A8	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.	<ul style="list-style-type: none"> • Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 	The Planning Secretary has not requested updated or revised versions of the referenced documents to be used.	Not triggered

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
LONG SERVICE LEVY				
A9	For work costing \$25,000 or more, a Long Service Levy must be paid. For further information please contact the Long Service Payments Corporation on their Helpline 13 1441.	<ul style="list-style-type: none"> Email from NSW Long Service Corporation to Hanson dated 11/01/19, RE. DA 9449 Long Service Levy Query 	NSW Long Service Corporation advised Hanson that a levy is not required.	Not triggered
LEGAL NOTICES				
A10	Any advice or notice to the consent authority must be served on the Secretary.			Noted
MONITORING AND ENVIRONMENTAL AUDITS				
A11	Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition 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 auditing. <i>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.</i>			Noted
INCIDENT NOTIFICATION, REPORTING AND RESPONSE				
A12	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	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner 	<p>No incidents have occurred to date.</p> <p>The Auditors recommend that a process be established to ensure that the Department is notified in accordance</p>	Not triggered

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	(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.	and Mauro Lipo, Project Manager) on 05/05/20	with this condition in the event that an incident (as defined in the consent) occurs.	
A13	Subsequent notification must be given and reports submitted in accordance with the requirements set out in condition A12 and A14.			Noted
NON-COMPLIANCE NOTIFICATION				
A14	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 PCA must also notify the Department in writing to compliance@planning.nsw.gov.au within seven days after they identify any non-compliance.	Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20	The Auditors note that no non-compliances have occurred. The Auditors recommend that a process be established to ensure that the Department is notified in accordance with the requirements of conditions A14 – A16 in the event that a non-compliance occurs.	Not triggered
A15	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.			Noted
A16	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.			Noted

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
REVISION OF STRATEGIES, PLANS AND PROGRAMS				
A17	Within three months of: (a) the submission of a Compliance Report under condition B8 and B10; (b) the submission of an incident report under condition A12; (c) the submission of an Independent Audit under condition B12; (d) the approval of any modification of the conditions of this consent; or (e) the issue of a direction of the Planning Secretary under condition A2 which requires a review,	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 	A Pre-Demolition Compliance Report has been submitted under condition B8 on 30/03/20. The three-month period to notify of the conduct of the review has not expired at the time of the Audit.	Not triggered
A18	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. <i>Ramboll Note: condition numbering as per consent; however, A17 and A18 are considered to be one condition.</i>			
A19	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: This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.</i>	Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20	Hanson has not yet updated any strategies, plans or programs.	Not triggered

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
PART B PRIOR TO COMMENCEMENT OF WORKS				
PUBLIC DOMAIN DAMAGE DEPOSIT				
B1	A Public Domain Damage Deposit is required to be paid to the relevant road authority. The Damage Deposit must be submitted in favour of the relevant road authority as security for repairing any damage to the public domain in the vicinity of the site. The guarantee must be lodged with the relevant road authority prior to the commencement of works.	<ul style="list-style-type: none"> Remittance Advice Note, 1909005382, 18/02/20 	The deposit was lodged with the City of Sydney Council on 16/01/2020 and remittance advice issued on 18/02/20.	Compliant
HARBOUR MASTER APPROVAL				
B2	The Harbour Master is to be consulted for any works from the water (i.e. crane mounted barge) prior to the commencement of works.	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA Pre-Demolition Compliance Report, 30/03/20 prepared by Hanson Construction Materials Pty Ltd 	Hanson has reported there will be no works from the water during demolition and therefore the Harbour Master has not been consulted.	Not triggered
B3	Any disturbance of the seabed would require the written approval of the Harbour Master under clause 67ZN of the Ports and Maritime Administration Regulation 2012.	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA Pre-Demolition Compliance Report, 30/03/20 prepared by Hanson Construction Materials Pty Ltd 	Hanson has reported the seabed will not be disturbed during demolition and therefore the Harbour Master has not been consulted.	Not triggered

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
PRE-DEMOLITION DILAPIDATION REPORT				
B4	<p>The Applicant is to engage a suitably qualified professional(s) to prepare a Pre-Demolition Dilapidation Report detailing the current structural condition of all retained existing and adjoining buildings, infrastructure and roads within the 'zone of influence'. The report must be submitted to Council prior to the commencement of works. A copy of the report must be forwarded to the affected landowners.</p> <p>The Pre-Demolition Dilapidation Report must also include a photographic recording of the public domain site frontages. The recording must include clear images of the footpath, nature strip, kerb and gutter, driveway crossovers and laybacks, kerb ramps, road carriageway, street trees and plantings, parking restriction and traffic signs, and all other existing infrastructure along the street. The report is also to include the building at 84-86 Wentworth Park Road and 2, 2A and 28 Bridge Road. The form of the recording is to be as follows:</p> <p>a) a PDF format report containing all images at a scale that clearly demonstrates the existing site conditions;</p> <p>b) each image is to be labelled to identify the elements depicted, the direction that the image is viewed towards, and include the name of the relevant street frontage;</p> <p>c) each image is to be numbered and cross referenced to a site location plan;</p> <p>d) a summary report, prepared by a suitable qualified professional, must be submitted in conjunction with the images detailing the project</p>	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 Dilapidation Inspection Report, 1A Bridge Road, Glebe, 20/02/20 prepared by Jim's Building Inspections Dilapidation Inspection Report, 2, 2A, 2B Bridge Road, Glebe, 20/02/20 prepared by Jim's Building Inspections Dilapidation Inspection Report, 84-86 Wentworth Park Road, Glebe, 20/02/20 prepared by Jim's Building Inspections Pre-Demolition Compliance Report, 30/03/20 prepared by Hanson Construction Materials Pty Ltd 	<p>A review of the pre-demolition dilapidation reports by the Auditors against the Conditions B4(a) to (d) confirms the reports have addressed each of the sub-conditions. Qualifications of the author of the reports were not provided; however, the reports were prepared by a firm specialising in building inspections, including dilapidation reporting.</p> <p>Documentation provided confirms the report was forwarded to the affected landowner, Kauri Foreshore Hotel on 25/03/20 and submitted to Council on 27/03/20 prior to the commencement of works.</p>	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	description, identifying any apparent existing defects, detailing the date and authorship of the photographic record, the method of documentation and limitations of the photographic record.	<ul style="list-style-type: none"> Letter from Hanson to Kauri Foreshore Hotel, Dilapidation Report Enclosed for 2 Bridge Road, Glebe, 25/03/20 Email from Hanson to City of Sydney dated 27/03/20, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 Dilapidation Reports 		
NOTIFICATION OF COMMENCEMENT				
B5	The Department must be notified in writing of the dates of commencement of physical work and operation at least 48 hours before those dates.	<ul style="list-style-type: none"> Email from Hanson to DPIE dated 25/03/20, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 Scheduled Commencement Date 	Correspondence provided confirms the Department was notified on 25/03/2020, at least 48 hours before the commencement of physical works on 04/04/20.	Compliant
B6	If the demolition 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 commencement and the demolition to be carried out in that stage.	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA 	A staged approach has not been adopted.	Not triggered

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
ACCESS TO INFORMATION				
B7	<p>At least 48 hours before the commencement of demolition until the completion of all works under this consent, or such other time as agreed by the Planning Secretary, the Applicant must:</p> <p>(a) make the following information and documents (as they are obtained or approved) publicly available on its website:</p> <p>(i) the documents referred to in condition A2 of this consent;</p> <p>(ii) all current statutory approvals for the development;</p> <p>(iii) all approved strategies, plans and programs required under the conditions of this consent;</p> <p>(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;</p> <p>(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;</p> <p>(vi) a summary of the current stage and progress of the development;</p> <p>(vii) contact details to enquire about the development or to make a complaint;</p> <p>(viii) a complaints register, updated monthly;</p> <p>(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;</p> <p>(x) any other matter required by the Planning Secretary; and</p>	<ul style="list-style-type: none"> Hanson's webpage for 'Regulatory Information': https://www.hanson.com.au/about-us/regulatory-information/blackwattle-bay/ Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) and Liberty Industrial (Percy Piper, Project Manager) on 05/05/20 	<p>The Project website provides project documentation and information and is considered to generally comply with the requirements of the condition. The Auditors make the following observations and recommendations:</p> <ul style="list-style-type: none"> Approved plans which have been reissued as final Revision 00 should be provided. A process should be established to ensure documents and information on the websites are kept up to date. 	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	(b) keep such information up to date, to the satisfaction of the Planning Secretary.			
COMPLIANCE REPORTING				
B8	A Pre-Demolition Compliance Report must be prepared for the development, and submitted to the Secretary for approval before the commencement of demolition. A copy of the endorsed compliance report must be provided to the Department at compliance@ptanning.nsw.gov.au before the commencement of demolition.	<ul style="list-style-type: none"> Pre-Demolition Compliance Report, 30/03/20 prepared by Hanson Construction Materials Pty Ltd Letter from DPIE to Hanson, 1/1A Bridge Road, Glebe (DA 9449) Pre-Demolition Compliance Report (PDCR), 02/04/20 	An updated version of the Pre-Demolition Compliance Report, dated 30 March 2020, was submitted to the Department and approved on 2 April 2020, prior to the commencement of demolition on 4 April 2020.	Compliant
B9	The Pre-Demolition Compliance Report must include: (a) details of how the terms of this consent that must be addressed before the commencement of demolition have been complied with; and (b) the expected commencement date for demolition.	<ul style="list-style-type: none"> Pre-Demolition Compliance Report, 30/03/20 prepared by Hanson Construction Materials Pty Ltd 	A review of the Pre-Demolition Compliance Report by the Auditors confirms the report has addressed each of the sub-conditions.	Compliant
B10	Demolition Compliance Reports must be submitted to the Department at compliance@planning.nsw.gov.au for information every six months from the date of the commencement of demolition, for the duration of demolition. The Demolition Compliance Reports must provide details on the compliance performance of the development for the preceding six months and must be submitted within one month following the end of each six-month period for the duration of demolition of the		Demolition is expected to be completed within the six month reporting period. Hanson has advised that the Demolition Compliance Report will be submitted at completion of demolition.	Not triggered

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	development, or such other timeframe as required by the Secretary.			
B11	The Demolition Compliance Reports must include: (a) a results summary and analysis of environmental monitoring; (b) the number of any complaints received, including a summary of main areas of complaint, action taken, response given and proposed strategies for reducing the recurrence of such complaints; (c) details of any review of the DEMP and the Environmental Management Strategy and associated sub-plans as a result of demolition carried out during the reporting period; (d) a register of any modifications undertaken and their status; (e) results of any independent environmental audits and details of any actions taken in response to the recommendations of an audit; (f) a summary of all incidents notified in accordance with this consent; and (g) any other matter relating to compliance with the terms of this consent or requested by the Secretary.			Not triggered
INDEPENDENT ENVIRONMENTAL AUDIT				
B12	No later than one month before the commencement of demolition or within another timeframe agreed with the Secretary, a program of independent environmental audits must be prepared for the development in accordance with AS/NZS ISO 19011-2014: Guidelines for Auditing Management Systems (Standards Australia, 2014) and submitted to the Secretary for information.	<ul style="list-style-type: none"> Email from Hanson to DPIE dated 03/02/20, DA 9449 Demolition of Existing Concrete Batching Plant Independent Environmental Audit Program 	Documentation provided confirms the audit program was provided to DPIE on 03/02/2020, at least one month before the commencement of physical works on 04/04/20.	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
B13	The scope of each audit must be defined in the program. The program must ensure that environmental performance of the development in relation to each compliance requirement that forms the audit scope is assessed at least once in each audit cycle.	<ul style="list-style-type: none"> Independent Environmental Audit Program, 03/02/20 prepared by Ramboll Australia Pty Ltd 	The scope of this Audit was defined in the Audit Program.	Compliant
B14	The environmental audit program prepared and submitted to the Secretary in accordance with conditions B12 and B13 above must be implemented and complied with for the duration of the development.	<ul style="list-style-type: none"> Independent Environmental Audit Program, 03/02/20 prepared by Ramboll Australia Pty Ltd 	This Audit is being undertaken as per the schedule.	Compliant
B15	All independent environmental audits of the development must be conducted by a suitably qualified, experienced and independent team of experts and be documented in an audit report which: (a) assesses the environmental performance of the development, and its effects on the surrounding environment including the community; (b) assesses whether the development is complying with the terms of this consent; (c) reviews the adequacy of any document required under this consent; and (d) recommends measures or actions to improve the environmental performance of the development, and improvements to any document required under this consent.	<ul style="list-style-type: none"> This Audit Report 	This Audit has been carried out in accordance with Condition B15.	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
B16	<p>Within three months of commencing an Independent Environmental Audit, or within another timeframe agreed by the Secretary, a copy of the audit report must be submitted to the Secretary, and any other NSW agency that requests it, together with a response to any recommendations contained in the audit report, and a timetable for the implementation of the recommendations. The recommendations must be implemented to the satisfaction of the Secretary.</p> <p><i>Note: The audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Planning Secretary.</i></p>			Not triggered
COMMUNITY COMMUNICATION STRATEGY				
B17	A community Communication Strategy must be prepared 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 demolition works for a minimum of 12 months following the completion of demolition.	<ul style="list-style-type: none"> Community Communication Strategy, 25/03/20 prepared by Hanson Construction Materials Pty Ltd 	Documentation has been provided that the Community Consultation Strategy was prepared for the proposed demolition works.	Compliant
B18	<p>The Community Communication Strategy must:</p> <p>(a) identify people to be consulted;</p> <p>(b) set out procedures and mechanisms for the regular distribution of accessible information about or relevant to the development;</p> <p>(c) provide for the formation of community-based forums, if required, that focus on key environmental management issues for the development;</p> <p>(d) set out procedures and mechanisms:</p> <p>(i) through which the community can discuss or provide feedback to the Applicant;</p>	<ul style="list-style-type: none"> Same as for Condition B17 	The Auditors reviewed the Community Communication Strategy and confirm the Conditions (a) to (d) have been addressed.	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	(ii) through which the Applicant will respond to enquiries or feedback from the community; and (iii) to resolve any issues and mediate any disputes that may arise in relation to demolition works, including disputes regarding rectification or compensation.			
B19	The Community Communications Strategy must be submitted to the Planning Secretary for approval no later than one month before the commencement of any work.	<ul style="list-style-type: none"> Email from Hanson to DPIE dated 22/01/20, DA 9449 Demolition of Existing Concrete Batching Plant Community Communication Plan 	Documentation provided confirms the Community Consultation Strategy was submitted to the Secretary on 22/01/20, at least one month before the commencement of physical works on 04/04/20.	Compliant
B20	Work for the purposes of the development must not commence until the Community Communication Strategy has been approved by the Planning Secretary, or within another timeframe agreed with the Planning Secretary.	<ul style="list-style-type: none"> Letter from DPIE to Hanson, 1/1A Bridge Road, Glebe (SSD 9449) Community Communication Strategy, 12/02/20 	Approval of the Community Consultation Strategy was received on 12/02/20, prior to the commencement of the physical works on 04/04/20.	Compliant
B21	The Community Communication Strategy, as approved by the Planning Secretary, must be implemented for a minimum of 12 months following the completion of demolition.	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 	The Community Communication Strategy has been implemented.	Compliant
COMPLIANCE				
B22	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.	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA Environmental Management Plan, 	Employees, site visitors, delivery drivers and sub-contractors have been made aware of the Consent Conditions during Liberty Industrial inductions. Additional awareness is provided and discussed at daily pre-start consultation meetings.	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
		<p>28/04/20 prepared by Hanson Construction Materials Pty Ltd</p> <ul style="list-style-type: none"> • Pre-Demolition Compliance Report, 30/03/20 prepared by Hanson Construction Materials Pty Ltd • Email from Hanson to Ramboll dated 30/04/20, FW: BWB Auditor Document Request • Visitor/Truck Driver/Delivery Driver Site Induction dated 02/04/20 • Site Induction Questionnaire – Hanson Blackwattle Demolition #179 dated 01/04/20 	The Auditors sighted examples of induction training records for an employee and visitor at the site.	
COMPLAINTS AND ENQUIRES PROCEDURES				
B23	<p>Prior to the commencement of demolition works, or as otherwise agreed by the Secretary, the following must be made available and advertised on site for community enquiries and complaints for the duration of demolition:</p> <p>a) a toll-free 24-hour telephone number(s) on which complaints and enquiries about the carrying out of any works may be registered;</p> <p>b) a postal address to which written complaints and enquiries may be sent; and</p>	<ul style="list-style-type: none"> • Hanson's webpage for 'Regulatory Information': https://www.hanson.com.au/about-us/regulatory-information/blackwattle-bay/ • Site inspection 	Contact details have been made available on the Hanson website www.hanson.com.au . Contact details are also posted on signage at the site. The Auditors tested the 24-hour phone number.	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	c) an email address to which electronic complaints and enquiries may be transmitted.			
DEMOLITION ENVIRONMENTAL MANAGEMENT PLAN				
B24	<p>Prior to the commencement of demolition works, the Applicant shall prepare a Demolition Environmental Management Plan (DEMP). The DEMP must:</p> <p>a) describe the relevant stages and phases of demolition including work program outlining relevant timeframes for each stage/phase;</p> <p>b) describe all activities to be undertaken on the site during site establishment and demolition;</p> <p>c) clearly outline the stages/phases of demolition that require ongoing environmental management monitoring and reporting;</p> <p>d) detail statutory and other obligations that the Applicant is required to fulfil during site establishment and demolition, including approvals, consultations and agreements required from authorities and other stakeholders, and key legislation and policies;</p> <p>e) include specific consideration of measures to address any requirements of the Environmental Protection Agency (EPA) during site establishment and demolition;</p> <p>f) describe the roles and responsibilities for all relevant employees involved in the site establishment and demolition of the works;</p> <p>g) detail how the environmental performance of the site preparation and demolition works will be monitored, and what actions will be taken to address identified potential environmental impacts;</p>	<ul style="list-style-type: none"> MP-01 Demolition Management Plan, 03/04/20, prepared by Liberty Industrial for Hanson Construction Materials. Email from Hanson to DPIE and Council, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 AQMP NVMP, 27/03/20. Email from Hanson to DPIE, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 TMP DMP, 05/05/20. 	<p>A review of the Demolition Environmental Management Plan against the Conditions B24(a) to (i) confirms the report has addressed each of the sub-conditions.</p> <p>The Demolition Environmental Management Plan dated 27 March 2020 (Revision B) was submitted to Council and Secretary on 27 March 2020.</p> <p>The Demolition Environmental Management Plan was reissued on 03/04/20; however, no changes to the plan were made. The reissue was to amend the revision number of the plan as final (Revision 00). For completeness, Revision 00 was submitted to the Secretary on 05 May 2020.</p> <p>The Auditors recommend that all revisions of management plans that have been provided to the Secretary for information, including those involving only minor modification, should also be provided to the Secretary.</p>	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	<p>h) document and incorporate all environmental management plans, studies and monitoring programs required under this consent; and</p> <p>i) include arrangements for community consultation and complaints handling procedures during demolition.</p> <p>In the event of any inconsistency between the consent and the DEMP, the consent shall prevail. The DEMP should be revised:</p> <ul style="list-style-type: none"> • at each key stage of the works; • in response to future development consents; • in response to major changes in site conditions or work methods; and • in support of licence variations as necessary. <p>A copy of the DEMP is to be provided to the Secretary and the Council.</p>			
AIR QUALITY AND ODOUR MANAGEMENT PLAN				
B25	<p>Prior to the commencement of demolition works, an updated Air Quality Management Plan prepared by a suitably qualified person shall be submitted to the Secretary and Council. The Plan must be consistent with and adopt all recommendations of the Air Quality Management Plan (dated 15 October 2018) prepared by Hanson.</p>	<ul style="list-style-type: none"> • Air Quality Management Plan, 17 March 2020 prepared by ERM Australia Pacific Pty Ltd • Email from Hanson to DPIE and Council, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 AQMP NVMP, 27/03/20. 	<p>A review of the Air Quality Management Plan by the Auditors against the Condition B25 confirms the report has addressed the condition. The Air Quality Management Plan was submitted to Council and Secretary on 27 March 2020.</p>	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
DEMOLITION NOISE AND VIBRATION MANAGEMENT PLAN				
B26	<p>Prior to the commencement of demolition works, an updated Demolition Noise and Vibration Management Plan prepared by a suitably qualified person shall be submitted to the Secretary and Council.</p> <p>The Plan must be consistent with and adopt all recommendations of the Noise Management Plan (dated 18 October 2018) prepared by Hanson and Condition C10 to C15 (inclusive). The Noise Management Plan must establish Noise Management Levels for the closest residential properties, including the provision of reasonable and feasible noise mitigation measures.</p>	<ul style="list-style-type: none"> Noise Management Plan, 25 March 2020 prepared by ERM Australia Pacific Pty Ltd Email from Hanson to DPIE and Council, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 AQMP NVMP, 27/03/20. 	<p>A review of the Noise Management Plan by the Auditors against the Condition B26 confirms the report has addressed the condition. The Noise Management Plan was submitted to Council and Secretary on 27 March 2020.</p>	Compliant
EROSION AND SEDIMENT CONTROL PLAN				
B27	<p>Soil erosion and sediment control measures shall be designed in accordance with the document Managing Urban Stormwater- Soils & Construction Volume 1 (2004) by Landcom. Details are to be submitted to RMS and Council prior to the commencement of works.</p>	<ul style="list-style-type: none"> MP-08 Erosion and Sediment Control Plan, 25 March 2020 prepared by Liberty Industrial for Hanson Construction Materials Email from Hanson to RMS and City of Sydney, Blackwattle Bay Concrete Batching Plant Demolition DA 9449 Erosion and Sediment Plan, 26/03/20 	<p>A review of the Erosion and Sediment Control Plan by the Auditors against the Condition B27 confirms the report has addressed the condition.</p> <p>The Erosion and Sediment Control Plan was submitted to RMS and Council on 26 March 2020.</p>	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
DEMOLITION PEDESTRIAN BICYCLE AND TRAFFIC MANAGEMENT PLAN				
B28	<p>Prior to the commencement of demolition works, a Demolition Pedestrian Bicycle and Traffic Management Plan (DPTMP) shall be prepared by a suitably qualified person. The Plan must be prepared in consultation with Council, RMS and the Sydney Coordination office within TfNSW. The Plan must facilitate the following:</p> <p>a) Demolition vehicles to enter and exit the site in a forward direction</p> <p>b) All pedestrian footpaths surrounding the site to remain unobstructed for pedestrian access.</p> <p>A copy of the DPBTMP, endorsed by the Sydney Coordination Office and Council, is to be provided to the Secretary and Council.</p>	<ul style="list-style-type: none"> MP-03 Traffic Management Plan, 08 April 2020 prepared by Liberty Industrial for Hanson Construction Materials Email from Council to Hanson, Re: Blackwattle Bay Concrete Batching Plant Demolition DA 9449 Traffic Management Plan, 09/04/20 Email from TfNSW to Hanson, FW: Blackwattle Bay Concrete Batching Plant Demolition DA9449 Traffic Management Plan, 14/04/20 Email from Hanson to DPIE, RE: Blackwattle Bay Concrete Batching Plant Demolition DA 9449 TMP DMP, 05/05/20 	<p>A review of the Traffic Management Plan by the Auditors against the Condition B28(a) to (b) confirms the report has addressed the conditions.</p> <p>The Traffic Management Plan was submitted to DPIE, RMS, TfNSW and Council on 26 March 2020. The plan was revised on 08/04/20 following consultation with Council and endorsed by TfNSW on 14/04/20.</p> <p>At the time of the Audit, the revised Plan had not been provided to DPIE. The revised Plan was subsequently submitted to DPIE and uploaded onto the Major Projects Portal on the day of the Audit (05/05/20). No further action is required.</p>	Non-compliant
REQUIREMENTS OF PUBLIC AUTHORITIES				
B29	The Applicant must comply with the requirements of any public authorities (e.g. Ausgrid, Sydney Water, Telstra Australia) in regard to the	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 30/04/20, FW: BWB 	A substation at the site is still live. An application will be made to Ausgrid for disconnection.	Not triggered

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	connection to, relocation and/or adjustment of the services affected by demolition. Any costs in the relocation, adjustment or support of services are the responsibility of the Applicant.	Auditor Document Request		
HOARDINGS				
B30	<p>A separate application under section 138 of the Roads Act 1993 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:</p> <p>a) architectural, construction and structural details of the design as well as proposed artwork; and</p> <p>b) structural certification prepared and signed by an appropriately qualified practising structural engineer.</p> <p>Evidence of the issue of a Structural Works Inspection Certificate and structural certification will be required prior to the commencement of demolition works.</p>	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 Email from Hanson to Ramboll dated 30/04/20, FW: BWB Auditor Document Request Pre-Demolition Compliance Report, 30/03/20 prepared by Hanson Construction Materials Pty Ltd Site inspection 	Application numbers B/2018/479 and NER 2259681 have been lodged with the City of Sydney following installation of "tiger tails" on adjacent power lines; however, the approval and Structural Works Inspection Certificate have not yet been issued. The hoarding is required for demolition of the concrete silos on the Bridge Road frontage. Although demolition has commenced on site, no works associated with the need for hoarding have been undertaken at the time of the Audit. As such, the project is considered to be compliant with the condition at the time of the Audit.	Compliant
BARRICADE PERMIT				
B31	Where demolition 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 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 road authority.	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA 	Hanson has advised a barricade permit is not required as demolition works will not require the use of a public place.	Not triggered

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
ROAD OCCUPANCY LICENCE				
B32	A Road Occupancy Licence (ROL) must be obtained from the relevant road authority under section 138 of the Roads Act 1993 for any activity that may impact on the operation of the road network. The ROL allows the Applicant to use a specified road space at approved times, provided certain conditions are met. The Applicant must allow a minimum of 10 working days for processing ROL applications. Traffic Control Plans are to accompany each ROL application(s) for any such activities.	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA 	Hanson have advised a Road Occupancy Licence is not required as demolition works will not impact on the operation of the road network.	Not triggered
PART C DURING DEMOLITION				
DEMOLITION				
C1	Demolition work must comply with <i>Australian Standard AS 2601-2001</i> The demolition of structures (Standards Australia, 2001). The work plans required by AS 2601-2001 must be accompanied by a written statement from a suitably qualified person that the proposals contained in the work plan comply with the safety requirements of the Standard. The work plans and the statement of compliance must be submitted to the Secretary before the commencement of works.	<ul style="list-style-type: none"> Demolition Management Plan, 03/04/20 prepared by Hanson Construction Materials Pty Ltd 	The demolition work plan, which included a statement of compliance with AS 2601-2001, was submitted to the Secretary prior to the commencement of works.	Compliant
C2	Demolition, including the delivery of materials to and from the site, may only be carried out between the following hours: (a) between 7.30 am and 5.30 pm, Mondays to Fridays inclusive; and (b) between 7.30 am and 3.30 pm, Saturdays.	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA Complaints Register 	<p>Hanson advised that no activities have been undertaken outside of approved hours. There have been no community complaints recorded related to construction hours. There is no evidence to indicate that Condition C2 is not being adhered to.</p> <p>The Auditors note that a COVID-19 Planning Response Order permits demolition (not involving rock breaking; rock hammering; sheet piling; pile driving; or similar activities) to occur between 7.30 am and 5.30 pm on</p>	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
			Saturdays, Sundays and public holidays; however, Hanson has advised that they do not intend working outside the hours listed in this condition.	
C3	No work may be carried out on Sundays or public holidays.		As for Condition C2.	Compliant
C4	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.			Not triggered
C5	Notification of such activities must be given to affected residents before undertaking the activities or as soon as is practical afterwards.	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 	As for Condition C2.	Not triggered
C6	Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours: (a) 9 am to 12 pm, Monday to Friday; (b) 2 pm to 5 pm Monday to Friday; and (c) 9 am to 12 pm, Saturday.	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA Complaints Register 	Hanson has advised there have been no works undertaken outside of the approved hours. Demolition does not require rock breaking, rock hammering, sheet piling or pile driving; however, use of the hammer to penetrate the concrete silos is considered to be a similar activity. The hammer is not used between noon and 2 pm.	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
IMPLEMENTATION OF MANAGEMENT PLAN				
C7	The Applicant must ensure the requirements of the Demolition Environmental Management Plan and all other Plans required by Part B of this consent are implemented during demolition.	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 Site visit on 05 May 2020 	<p>Employees, site visitors, deliver drivers and sub-contractors have been made aware of the managements plans during Liberty Industrial inductions. Inspection checklists are also undertaken and recorded weekly to review compliance and implementation of the management plans. Additional awareness for implementation is provided and discussed at daily pre-start consultation meetings.</p> <p>The Auditors sighted checklist records at the site and management plans are accessible at the site.</p>	Compliant
TRAFFIC MANAGEMENT				
C8	<p>The Demolition Pedestrian Bicycle and Traffic Management Plan approved under Condition B28 shall be implemented during demolition except where modified below:</p> <p>a) under the current legislation the use of lengthy vehicles in the CBD is prohibited within certain time frames. All lengthy vehicles must comply with this regulation as stipulated in the NSW Road Rules. A map indicating the prohibited area and definitions of lengthy vehicles are included in the Road Rules;</p> <p>b) personnel using stop/slow signage are not permitted in Hickson Road or Sussex Street on weekdays between the hours of 7 am and 9 am and 4 pm and 7 pm. However, personnel using stop/slow signage will be permitted on Hickson Road, north of the intersection of Hickson Road and Napoleon Street, when it is required to ensure safe truck access at designated site access points, provided that vehicle queue lengths</p>	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 Traffic Management Plan, 08 April 2020 prepared by Hanson Construction Material Pty Ltd Site visit on 05 May 2020 	<p>No vehicles were observed leaving the site during the site visit. At this stage of demolition, there are few truck movements to/from the site. At the time of the Audit, the "cattle grid" at the site exit had been temporarily removed to allow positioning of a mobile crane. The Auditors have no reason to believe the condition is not being met.</p>	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	<p>generated as a result of the traffic control do not exceed more than six vehicles in either direction;</p> <p>c) truck movements should be staged and coordinated to prevent trucks circling CBD streets whilst awaiting access to the site. There should be holding areas outside the CBD on the fringes or sufficient space within the site to store trucks and heavy vehicles;</p> <p>d) truck movements to and from the site associated with the development must be minimised as far as practicable during the PM peak period;</p> <p>e) where possible, trucks must avoid driving over areas of the site that have already been excavated, validated or re-instated to prevent cross contamination;</p> <p>f) all trucks associated with the development must have their loads covered to ensure trucks do not track material onto the public road network; and</p> <p>g) all trucks must be decontaminated in the wheel wash areas before exiting the site.</p>			
LOADING AND UNLOADING				
C9	<p>The following requirements apply:</p> <p>a) All loading and unloading associated with demolition must be accommodated on site.</p> <p>b) A Works Zone is required if loading and unloading is not possible on site. If a Works Zone is warranted an application must be made to RMS at least 8 weeks prior to commencement of work on the site. Consent for a Works Zone may be given for a specific period and certain hours of the days to meet the particular need for the site for such facilities at various stages of demolition. The consent will be reviewed periodically for any</p>	<ul style="list-style-type: none"> Site visit on 05 May 2020 Email from Hanson to Ramboll dated 30/04/20, FW: BWB Auditor Document Request 	Hanson have advised all loading and unloading of trucks will be undertaken within the site. The Auditors observed the dedicated unloading and loading areas at the site. A Works Zone has not been established.	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	adjustment necessitated by the progress of the demolition activities.			
NOISE AND VIBRATION MANAGEMENT				
C10	The development must be constructed with the aim of achieving the demolition noise management levels detailed in the <i>Interim Construction Noise Guideline</i> (Department of Environment and Climate Change, 2009). All feasible and reasonable noise mitigation measures must be implemented and any activities that could exceed the demolition noise management levels must be identified and managed in accordance with the Demolition Noise and Vibration Management Plan.	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 Complaints Register Noise Management Plan, 25 March 2020 prepared by ERM Australia Pacific Pty Ltd Email from Hanson, Hanson Glebe Concrete Plant Demolition, 29 April 2020 	<p>A noise management plan has been prepared for the demolition. The management plan details measures including staff awareness, application of noise and vibration mitigation measures and review of performance which will be undertaken.</p> <p>One noise complaint has been recorded regarding demolition activities. It is understood this complaint was made on behalf of the Owners Corporation of a nearby building. The Auditors sighted email correspondence from Hanson seeking to consult with the complainant.</p> <p>At the time of the Audit, noise or vibration monitoring had not been undertaken. There is no evidence to establish that the requirements of the condition have not been met.</p> <p>The Auditors recommend that:</p> <ul style="list-style-type: none"> The sound power level of equipment being used to demolish the concrete silos be compared to the sound power level of the Indicative Demolition Fleet in Table 6.1 of the Noise Management Plan, as used in the predictive noise modelling; and The need for noise and vibration monitoring be considered as part of investigation of the noise complaint and consultation with the complainant. 	Compliant
C11	Any noise generated during demolition works must not be offensive noise within the meaning of the Protection of the Environment Operations Act, 1997 or exceed approved noise limits for the Subject Site.		As for Condition C10.	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
C12	Heavy vehicles and oversized vehicles must not queue or idle on public roads outside the site awaiting access to the site.	<ul style="list-style-type: none"> Interview with Liberty Industrial (Percy Piper, Project Manager) on 05/05/20 Site visit on 05 May 2020 Complaints Register 	During the site visit, the Auditors did not observe any heavy vehicles queuing or idling on the public road outside the site and no complaints have been made regarding heavy vehicles. At present, there are few truck movements to/from the site. Liberty Industrial advised that up to 10 loads a day will be taken from the site in the future using 2 – 3 trucks on rotation. Truck drivers will radio on approach for site access.	Compliant
C13	The Applicant must schedule intra-day 'respite periods' for demolition activities predicted to result in noise levels in excess of the "highly noise affected" levels, including the addition of 5 dB to the predicted levels for those activities identified in the Interim Construction Noise Guideline as being particularly annoying to noise sensitive receivers.	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA Complaints Register 	Hanson has advised respite periods are undertaken during 12pm -2pm daily when the concrete hammer is in use; however, no noise modelling has taken place. Only trial hammering has been undertaken to date. There has been one community complaint recorded related to demolition noise. Consultation is currently being undertaken with the complainant.	Compliant
C14	Vibration caused by demolition at any residence or structure outside the subject site must be limited to: a) for structural damage vibration to buildings (excluding heritage buildings), British Standard BS 7385 Part 2-1993 Evaluation and Measurement for Vibration in Buildings; b) for structural damage vibration to heritage buildings, German Standard DIN 4150 Part 3 Structural Vibration in Buildings Effects on Structure; and c) for human exposure to vibration, the evaluation criteria presented in British Standard			Not Triggered

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	BS 6472- Guide to Evaluate Human Exposure to Vibration in Buildings (1 Hz to 80 Hz) for low probability of adverse comment.			
C15	The Applicant must undertake trial testing of vibration intensive equipment that is identified as having the potential to exceed the vibration criteria identified in Condition C14 to ensure it is not exceeded at any residence or structure outside the site.	<ul style="list-style-type: none"> Noise Management Plan, 25 March 2020 prepared by ERM Australia Pacific Pty Ltd Email from Hanson to Ramboll dated 28/04/20, RE: Glebe Batching Plant Demolition IEA 	As detailed in the Noise Management Plan, trial measurements are to be undertaken prior to jack hammering and excavator hydraulic hammering. Hanson has advised no vibration intensive equipment has been required to date and therefore no trial testing has been undertaken.	Not triggered
APPROVED PLANS TO BE ONSITE				
C16	A copy of the approved plans, specifications and documents incorporating conditions of approval and certification must be kept on the Subject Site at all times and must be readily available for perusal by any officer of the Department or Council.	<ul style="list-style-type: none"> Site visit on 05 May 2020 	The Auditors observed approved plans and documentation kept onsite.	Compliant
SITE NOTICE				
C17	A site notice(s) must be prominently displayed at the boundaries of the Subject Site for the purposes of informing the public of project details. 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 594mm (A 1) 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;	<ul style="list-style-type: none"> Site visit on 05 May 2020 	The Auditors observed site notices on the Bridge Road boundary of the site in accordance with Condition C17.	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	c) the approved hours of work, the name of the site/project manager, the responsible managing company (if any), its address and 24 hour contact phone number for any inquiries, including complaints procedures 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.			
SAFework NSW REQUIREMENTS				
C18	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 NSW requirements.	<ul style="list-style-type: none"> Interview with Hanson (Ashleigh Zarlenga, Development Planner and Mauro Lipo, Project Manager) on 05/05/20 Site visit on 05 May 2020 	<p>The Auditors observed that the site is adequately secured. At the time of the Audit there were no truck movements and the site gates were closed.</p> <p>At the time of the Audit, there have been no recorded safety incidents at the site.</p>	Compliant
HOARDING/FENCING REQUIREMENTS				
C19	The following hoarding requirements must be complied with: a) no third party advertising is permitted to be displayed on the subject hoarding/fencing; and b) the site manager must be responsible for the removal of all graffiti from any construction hoarding/fencing or the like within the demolition area within 48 hours of its application.	<ul style="list-style-type: none"> Site visit on 05 May 2020 	No third party advertising or graffiti was observed on fencing. Hoarding for the concrete silos is not yet in place.	Compliant
TREE MANAGEMENT				
C20	Street trees are to be protected in accordance with AS4970-2009 Protection of trees on development sites.	<ul style="list-style-type: none"> Site visit on 05 May 2020 	Street trees are present on Bridge Road adjacent to the concrete silo structure. Tree protection was not observed at the time of the Audit; however, no works	Not triggered

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
			requiring protection of the trees had been undertaken. Hanson has advised that the trees will be protected for erection of the hoarding under Condition B30.	
WASTE MANAGEMENT				
C21	The Applicant must ensure that: a) all waste from the demolition is classified and managed in accordance with the EPA's Waste Classification Guidelines Part 1: Classifying Waste 2009; b) all waste from the demolition is treated and/or disposed of at a facility that has sufficient capacity to and may lawfully accept that waste; and c) waste (including litter, debris or other matter) is not caused or permitted to enter the waters of Sydney Harbour.	<ul style="list-style-type: none"> Waste Management Plan, 28/02/20 prepared by Hanson Construction Materials Pty Ltd Email from Hanson to Ramboll dated 30/04/20, FW: BWB Auditor Document Request Erosion and Sediment Control Plan, 25 March 2020 prepared by Hanson Construction Materials Pty Ltd Waste register "179_Hanson Waste & Recycling Register" Site visit on 05 May 2020 	<p>Waste is tracked in accordance with the waste management plan.</p> <p>Waste is removed from site via approved haulage contractor for the designated types of waste</p> <p>Controls are in place to reduce the likelihood of waste and/or debris in accordance with the Soil and Erosion Control Plan.</p> <p>The Auditors sighted sediment control measures implemented around the site and sediment control checklists completed on a weekly basis. The Auditor also sighted Liberty Industrial's internal waste tracking register recording truck movements including date, tonnage, registration, material type.</p>	Compliant
ASBESTOS AND HAZARDOUS WASTE REMOVAL				
C22	All materials requiring removal from the site must be classified in accordance with the EPA's Waste Classification Guidelines 2014. The Applicant must ensure that demolition works are undertaken so that cross-contamination of the site does not occur.	<ul style="list-style-type: none"> Waste Management Plan, 28/02/20 prepared by Hanson Construction Materials Pty Ltd Email from Hanson to Ramboll dated 30/04/20, FW: BWB 	Liberty Industrial advised all site asbestos has been identified, tested and majority of the asbestos was removed by an approved transporter. Identification of asbestos was undertaken by Liberty Industrial, holder of Class A licence for asbestos removal. Liberty noted the only remaining asbestos was in the site office which would be removed at the end of demolition.	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
		<p>Auditor Document Request</p> <ul style="list-style-type: none"> Interview with Liberty Industrial (Percy Piper, Project Manager) on 05/05/20 Site visit on 05 May 2020 EPA consignment notice (ZTNR-FS79-CF7A) 	<p>The Auditors reviewed waste tracking documentation including receipts, the internal tracking register and an EPA consignment notice. Activities undertaken at the site are considered to be in accordance with the Waste Management Plan and Condition C22.</p>	
C23	Removal of asbestos and other hazardous building materials must be undertaken by a suitably licensed contractor and an asbestos clearance certificate must be provided before waste classification, disposal or site validation is undertaken.	<ul style="list-style-type: none"> Waste Management Plan, 28/02/20 prepared by Hanson Construction Materials Pty Ltd Email from Hanson to Ramboll dated 30/04/20, FW: BWB Auditor Document Request Interview with Liberty Industrial (Percy Piper, Project Manager) on 05/05/20 Site visit on 05 May 2020 EPA Consignment notice (ZTNR-FS79-CF7A) 	<p>Liberty Industrial advised all asbestos has been identified, tested by an approved asbestos hygienist.</p> <p>The Auditors reviewed documentation including the EPA consignment notice relating to the asbestos removed from the site.</p>	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
COVERING OF LOADS				
C24	All vehicles involved in the demolition process and departing from the property with materials, spoil or loose matter must have their loads fully covered before entering the public roadway.	<ul style="list-style-type: none"> Site visit on 05 May 2020 	No vehicles were observed departing the site at the time of the audit; however, the Auditors have no reason to believe this condition has not been complied with. At this stage of demolition, there are limited truck movements.	Compliant
VEHICLE CLEANSING				
C25	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.	<ul style="list-style-type: none"> Interview with Liberty Industrial (Percy Piper, Project Manager) on 05/05/20 Site visit on 05 May 2020 	Liberty Industrial advised: <ul style="list-style-type: none"> Prior to leaving site, vehicle cleaning is undertaken on a cattle grid. Sediment filter fabric installed across the drain inlets (observed by the Auditors). The Auditors did not observe tracking of material on the roadway outside the site entrances.	Compliant
STOCKPILE MANAGEMENT				
C26	The Applicant must ensure: a) stockpiles of material do not exceed 4 metres in height; b) stockpiles of material are constructed and maintained to prevent cross contamination; and c) suitable erosion and sediment controls are in place for stockpiles.	<ul style="list-style-type: none"> Interview with Liberty Industrial (Percy Piper, Project Manager) on 05/05/20 Site visit on 05 May 2020 	Liberty Industrial advised control measures are implemented in accordance with Condition C26. The Auditors did not observe this to be otherwise.	Compliant
DUST CONTROL MEASURES				
C27	Adequate measures shall be taken to prevent dust from affecting the amenity of the neighbourhood during demolition. In particular, the following measures should be adopted: a) physical barriers shall be erected at right angles to the prevailing wind direction or shall be placed around or over dust sources to prevent wind or activity from generating dust emissions;	<ul style="list-style-type: none"> Email from Hanson to Ramboll dated 30/04/20, FW: BWB Auditor Document Request Site visit on 05 May 2020 	According to Hanson, physical barriers were unable to be erected due to site constraints. The Auditors did not observe dust during the site inspection. A spray cannon for dust suppression is available at the site (not in use at the time of the Audit).	Compliant

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	b) earthworks and scheduling activities shall be managed to coincide with the next stage of development to minimise the amount of time the site is left cut or exposed; c) all materials shall be stored or stockpiled at suitable locations and stockpiles shall be maintained at manageable sizes which allow them to be covered, if necessary, to control emissions of dust and/or VOCs/odour; d) the surface should be dampened slightly to prevent dust from becoming airborne but should not be wet to the extent that run-off occurs; e) all vehicles carrying spoil or rubble to or from the site shall at all times be covered to prevent the escape of dust or other material; f) all equipment wheels shall be washed before exiting the site using manual or automated sprayers and drive through washing bays; g) gates shall be closed between vehicle movements and shall be fitted with shade cloth; and h) cleaning of footpaths and roadways shall be carried out regularly.			
EROSION AND SEDIMENT CONTROLS				
C28	All erosion and sediment control measures are to be effectively implemented and maintained at or above design capacity for the duration of the demolition works and until such time as all ground disturbed by the works has been stabilised and rehabilitated so that it no longer acts as a source of sediment.	<ul style="list-style-type: none"> Interview with Liberty Industrial (Percy Piper, Project Manager) on 05/05/20 Erosion and Sediment Control Plan, 25 March 2020 prepared by Hanson 	The Auditors sighted sediment control measures along the boundaries of the site to prevent discharge into the Harbour, including silt fences and bunds. Sediment filter fabric has been installed across drain inlets. No evidence of excess sediment or releases were observed during the site visit.	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
		Construction Materials Pty Ltd <ul style="list-style-type: none"> Site visit on 05 May 2020 		
PORT AUTHORITY				
C29	The Port Authority Vessel Traffic Services is to be notified in the event of any spill entering the water.			Not triggered
NO OBSTRUCTION OF PUBLIC WAY				
C30	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 Secretary to stop all work on site.	<ul style="list-style-type: none"> Interview with Liberty Industrial (Percy Piper, Project Manager) on 05/05/20 Site visit on 05 May 2020 	Liberty Industrial advised all activities is undertaken within the boundaries to the site. The Auditors did not observe obstruction of public ways.	Compliant
CONTACT TELEPHONE				
C31	The Applicant must ensure that the 24-hour contact telephone number is continually attended by a person with authority over the works for the duration of demolition.	<ul style="list-style-type: none"> Call conducted to complaints number 	The Auditors called the complaints number which was answered by the Hanson Project Manager.	Compliant
WATER QUALITY				
C32	All works should be undertaken in a manner that ensures the protection of the water quality objectives and environmental values for Sydney Harbour estuarine waters in accordance with the following guideline documents: a) NSW Water Quality Objectives; and b) <i>The Australian and New Zealand Guidelines for Fresh and Marine Water Quality</i> (2000) for the environmental values under the ANZECC guidelines.	<ul style="list-style-type: none"> Environmental Management Plan, 28/04/20 prepared by Hanson Construction Materials Pty Ltd Site visit on 05 May 2020 Email from Hanson to Ramboll dated 	Details of how compliance will be achieved have been provided in the EMP and will be reviewed and revised, as required. The Auditors did not observe demolition works not in accordance with Condition C32.	Compliant

Table A-1: Compliance with DA 9449				
APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
		30/04/20, FW: BWB Auditor Document Request		
WATER DISCHARGES				
C33	The Applicant must ensure that all surface water discharges from the site comply with Section 120 of the <i>Protection of the Environment Operations Act 1997</i> .	<ul style="list-style-type: none"> Environmental Management Plan, 28/04/20 prepared by Hanson Construction Materials Pty Ltd Site visit on 05 May 2020 	Details of how compliance will be achieved have been provided in the EMP. The Auditors observed control measures in place and did not observe evidence of non-compliance with Section 120 of the <i>Protection of the Environment Operations Act 1997</i> .	Compliant
WORKS ONWATERFRONT LANDS				
C34	The Applicant must ensure all works within waterfront lands are undertaken in accordance with the <i>Department of Industry - Water's Guidelines for Controlled Activities (2012)</i> .	<ul style="list-style-type: none"> Email from Liberty Industrial to Hanson dated 29/04/20, RE: BWB Auditor Document Request 	Current Department of Industry guidelines relate primarily to requirements for 'controlled activity' approval under the <i>Water Management Act 2000</i> . Works at the site are exempt from requiring 'controlled activity' approval. Furthermore, the Auditors note that demolition will be down to the existing concrete slab and will not impact on the land.	Compliant
PART D PRIOR TO COMPLETION OF WORKS AND POST DEMOLITION				
ROAD DAMAGE				
D1	The cost of repairing any damage caused to any public authority's assets in the vicinity of the site as a result of demolition works is to be met in full by the Applicant prior to the completion of works.			Not Triggered
POST-DEMOLITION DILAPIDATION REPORT				
D2	Post completion of works: a) the Applicant must engage a suitably qualified person to prepare a post-demolition dilapidation report at the completion of the demolition works. This report to ascertain whether the demolition			Not Triggered

Table A-1: Compliance with DA 9449

APPROVAL (ID)	REQUIREMENT	EVIDENCE COLLECTED	INDEPENDENT AUDIT FINDINGS AND RECOMMENDATIONS	COMPLIANCE STATUS
	works created any structural damage to adjoining buildings, infrastructure and roads. b) In ascertaining whether adverse structural damage has occurred to adjoining buildings, infrastructure and roads, the Applicant must: c) compare the post-demolition dilapidation report with the pre-demolition 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 Secretary and each of the affected property owners.			
PROTECTION OF PUBLIC INFRASTRUCTURE				
D3	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.			Not Triggered

APPENDIX B

AUDIT TEAM

3 February 2020

Ashleigh Zarlenga
Development Planner
Hanson Construction Materials Pty Ltd
Email: ashleigh.zarlenga@hanson.com.au

Dear Ashleigh,

RE: Independent Environmental Audits - Glebe Batching Plant Demolition (DA 9449)

1. INTRODUCTION

Ramboll Australia Pty Ltd (Ramboll) is pleased to provide the following information for submission to the Department of Planning, Industry and Environment (the Department) regarding the Audit Team to undertake the Independent Environmental Audits (IEAs) of the Glebe Batching Plant Demolition. The conditions of development consent DA 9449 do not require written approval of the Audit Team by the Department and do not reference the Department's *Independent Audit Post Approval Requirements* (Department 2018). However, Ramboll proposes to conduct the IEAs generally in accordance with Department 2018 and has prepared this letter to be submitted to the Department for information.

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North Sydney NSW 2060

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www.ramboll.com

Ref: 318000905

2. PROPOSED AUDIT TEAM

The Audit Team will comprise Victoria Sedwick, David Ford and Vanessa White. The oversight and peer review of the IEAs will be undertaken by Victoria Sedwick who is an Exemplar Global Registered Lead Environmental Auditor (Certificate Number 13180). All of the proposed team have previously been approved by the Department to undertake IEAs. Resumes of the Audit Team are attached to this letter.

3. INDEPENDENCE

Ramboll is independent from the project (except as disclosed on the following page) and confirms that the proposed Audit Team members:

1. Are not related to any proponent, owner, operator or other entity involved in the delivery of the projects (such relationships include 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);

Ramboll Australia Pty Ltd
ACN 095 437 442
ABN 49 095 437 442

2. Do not have any pecuniary interest in the projects, proponent or related entities (such interests 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);
3. Have not provided services (not including independent reviews or auditing) to the projects with the result that they audit work performed by themselves or their company, except as otherwise declared to the Department prior to the audit;
4. Are not an Environmental Representative for the projects; and
5. 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.

4. DISCLOSURE

Tom Onus of Ramboll, a NSW EPA accredited contaminated land Site Auditor, has been engaged by UrbanGrowth NSW Development Corporation as the EPA accredited Site Auditor for the new Sydney Fish Markets development, which will include the Glebe Batching Plant site. Ramboll notes that DA 9449 does not have Site Audit requirements and that the Site Auditor is not expected to have involvement in the demolition project.

* * *

Please contact the undersigned if you have any queries.

Yours faithfully,
Ramboll Australia Pty Ltd



Victoria Sedwick
Principal

Enclosures: Resumes

AUDIT TEAM RESUMES

VICTORIA SEDWICK

Principal

Victoria Sedwick has over 30 years' experience in chemical manufacturing and environmental consulting. Her areas of expertise include mergers and acquisition due diligence; environmental auditing, health and safety auditing, and EHS management systems; contaminated site assessment and remediation advice; sustainability; and chemical safety and dangerous goods management. Consulting experience includes chemical manufacturing; ports and transportation infrastructure; aerospace manufacturing and airline industries; energy, power generation and distribution; downstream petroleum (refining, distribution and retail) and upstream gas; mining equipment; building products manufacturing; defence facilities; mining, metals and minerals processing; explosives; waste management; tourism; pharmaceutical, food and beverage manufacturing; packaging industries. She has managed environmental health and safety due diligence and compliance programs of many multinational and high-profile acquisitions and divestments and she provides strategic advice on several large contaminated sites projects and assurance programs. Victoria is certified as a lead environmental auditor on the Exemplar Global (formerly RABQSA) register and is the Ramboll CST Service Line Coordinator for Australia and New Zealand.

CAREER

2007 - Present

Principal, Ramboll Australia Pty Ltd (formerly ENVIRON)

Environmental consulting in due diligence, compliance, site investigations and remediation and the Australia and New Zealand Compliance, Strategy and Transaction Service Line Co-ordinator.
1992-2007

Senior Principal, URS Australia Pty Ltd (formerly AGC Woodward-Clyde) Environmental consulting in due diligence, compliance and site investigations.

1988-1992

Senior Risk Management Consultant, Marsh and McLennan (now Marsh) EHS consulting in compliance auditing and due diligence.

1980-1988

Chemist and National Risk Manager, AC Hatrick Chemicals Pty Ltd

EDUCATION

1985-1988

Master of Engineering Science

University of New South Wales, Sydney, Australia

1974-1978

Bachelor of Applied Science, Chemistry

University of Technology, Sydney, Australia



CONTACT INFORMATION

Victoria Sedwick

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Ramboll Australia
Level 3, 100 Pacific Highway,
(PO Box 560)
North Sydney 2060
NSW, Australia

RELEVANT EXPERIENCE

2019

EHS Compliance Audit Program

Project director and auditor of an audit program assessing the implementation of environmental management systems and compliance of an Australian building products business with facilities in NSW, QLD, VIC and WA.

EHS Compliance Audit Program

Project manager and peer reviewer for the Australian and New Zealand facilities in four international companies' corporate EHS Compliance audit programs.

Environmental Compliance Audit of a Public School Development

Independent environmental audit program and initial audit for Department of Education as required under the Development Consent. Compliance issues related to traffic management, water management and hazardous wastes.

Environmental Compliance Audit of a Waste Facility Development

Independent environmental audit for Veolia as required under the Development Consent for the facilities. Compliance issues related to dust management, odour, leachate and waste water management and hazardous wastes.

2018

Environmental Compliance Audit of a Waste Transfer Facility, Landfill and a New Development

Environmental compliance audits for Veolia as required under the Development Consent for the facilities. Compliance issues related to dust management, odour, leachate and waste water management and hazardous wastes.

Environmental Compliance Audit of Industrial Chemicals Business in Australia and New Zealand

Compliance review of facilities for an industrial chemicals manufacturer supplying alkyd and polyester resins, organometallics and water based polymer emulsions for the paint and fiberglass industries.

Environmental Advice

Provision of advice in the use of phenolic resins for a client importing the resins for manufacturing in Australia.

Environmental Due Diligence Review of Infrastructure

Review of environmental liabilities (land contamination, planning, sustainability, air quality and noise) for a potential investment in a large infrastructure project.

Environmental Health and Safety Review of Chemical Manufacturing Business

Review of EHS management systems and compliance of a chemicals business based in Australia, New Zealand, Asia and South America.

Phase I Environmental Site Assessments and Environmental Compliance Reviews

Managed the assessments of a global portfolio of building products manufacturing sites.

Environmental Review of Wind Farms in Australia

Peer reviewer of the environmental due diligence of two wind farm developments.

Environmental Compliance Audit of an Ammonium Nitrate Storage Facility

Compliance audit of an ammonium nitrate storage facility as required under the development consent. The audit addressed compliance with the Environment Protection Licence and the Consent Conditions as well as requiring groundwater contamination from past operations on the site and the adjacent landfill.

2017

Environmental Due Diligence Review of an Industrial Facility in Villawood, New South Wales

Project direction of the review of previous site investigations conducted at an industrial site in Villawood leased by a bus manufacturer prior to the potential purchase of the property. Sampling existing groundwater monitoring wells; additional soil sampling for asbestos; and the removal of a disused fuel underground tank was provided.

Review of Expert Advice for Asbestos Contamination at Construction Sites

Provision of expert advice to support two law firms in the provision of advice to clients and assist in their insurance claims following action for incorrect disposal asbestos waste from an industrial site to a resource recovery facility and remediation of placement of recycled concrete aggregate from a resource facility at a residential development.

Environmental Site Assessment in Zetland, New South Wales

Project direction and peer review of the Environmental Site Assessment of an industrial property in Zetland that is required to support the sale of the site for future residential redevelopment.

Environmental Compliance Review of a Waste Recovery Facility in New South Wales

Compliance review to support the waste recovery business following action by NSW EPA. Follow-on advice in relation to water and wastewater management at the facility.

Vendor Environmental Due Diligence Review of automotive manufacturing facilities in Adelaide and Melbourne, Australia

Preparation of vendor due diligence site assessment and environmental compliance review of various facilities in Elizabeth, South Australia and Port of Melbourne, Victoria used for manufacture, warehousing and research and development for automotive parts prior to sale of business.

Detailed Site Investigations of former concrete pipe manufacturing facility in Perth, Western Australia

Detailed site investigations including Phase I ESA prior to site closure and ongoing soil and groundwater investigations for classification under the *WA Contaminated Sites Act* and for documentation prior to sale of the site.

Environmental Health and Safety Due Diligence Review of steel manufacturing facilities in Western Australia, Queensland and New South Wales

Desk top review of documents including vendor due diligence reports prior to acquisition of the business and sites.

Environmental Compliance Review of a Waste Facility

Compliance review to support the business potentially reviewing the ownership options for its Australian facility. Compliance issues related to chemical storage, waste water management and hazardous wastes.

Detailed Site Investigations of manufacturing facility in Melbourne, Victoria

Detailed site investigations including soil and groundwater sampling programs in preparation for S53X Site Audit which is required when land is proposed for future change in use is potentially contaminated.

Expert Witness

Review of various site investigation reports and remediation action plans for a site used by this law firm's client as a scrap metal yard. The site had been contaminated with petroleum hydrocarbons and asbestos. Provision of expert testimony was required in relation to appropriate remediation techniques for asbestos contamination to support the former tenant against a claim made by the landlord.

2016

Offshore Gas – Papua New Guinea

Reviewer of environmental due diligence for the financing of the development and commercialisation of a wet gas reservoir at an offshore gas field in the Gulf Province of Papua New Guinea. Proposed and historical activities at the site were reviewed, including an assessment of the impacts and residual risk associated with a loss of well control which occurred during exploratory drilling in the 1980s.

Wind Farms and Transmission Lines

Project direction and peer review of environmental due diligence for the financing of proposed wind farms and associated transmission lines in Tasmania (99 MW), Victoria (240MW), Queensland (75 MW) and New South Wales (100 MW, 135MW and 319 MW). Reviews included State and, where applicable, Commonwealth approvals and assessment of biodiversity offset requirements. In some cases, an Equator Principles gap analysis was undertaken.

Independent Environmental Audit for Veolia Australia and New Zealand

Compliance Audit of the Woodlawn Bioreactor and Crisps Creek Intermodal as required under development consent and Environment Protection Licence conditions.

Independent Environmental Audit for Veolia Australia and New Zealand

Compliance Audit of the Banksmeadow Transfer Terminal as required under project approval and Environment Protection Licence conditions.

Independent Environmental Audit for Veolia Australia and New Zealand

Compliance Audit of the Clyde Transfer Terminal in 2016 and 2017 as required under development consent and Environment Protection Licence conditions.

Independent Environmental Audit for Viva Energy, Australia

Compliance Audit of Refinery Conversion following closure of old Shell Clyde refinery and conversion to a terminal as required under development consent conditions.

**Independent Environmental Compliance Audit of Morgan Cement facility at Port Kembla
Adelaide Brighton Cement, Australia**

Compliance Audit required by NSW EPA as a licence condition following dust complaints.

Vendor Environmental Due Diligence Review of sinkware manufacturing facility in Adelaide

Exit audit and VEDD Phase 1 ESA report prior to sale of business and site.

Environmental Due Diligence for Confidential Client

Regional lead for EDD of various industrial chemical manufacturing facilities. Conducted the site visits and review of compliance matters and site contamination at the Australian facilities located at Canningvale, WA, Springvale, VIC; Botany, NSW; and Wacol, QLD.

Property Due Diligence of Western Australian and Victoria sites

Phase 1 and Phase 2 Environmental Site Assessment focused on aboveground and underground storage tanks and hydrocarbon contamination. Ongoing groundwater monitoring.

Project Endeavour

Environmental Social and Governance due diligence review and advice regards compliance of two coal mines and one coal project in central Queensland.

Exit Audits of Queensland facilities for ESCO Corporation

Conducted environmental reviews as part of the exit audits for mining equipment facilities in Kingaroy and Mackay, Queensland.

Environmental Due Diligence of the Port of Melbourne

Preliminary Stage 1 EDD for the Port of Melbourne lease.

2015

Independent Environmental Audit of power station at Wagga Wagga

Origin Energy, Australia

Environmental compliance audit required by NSW Department of Planning and Environment as part of Project Approval.

Limited Assurance of emissions for New Zealand Emissions Trading Scheme and CDP

Confidential Building Products manufacturer, New Zealand, Australia

Limited Assurance of selected facilities for the NZ ETS and the company's CDP.

Environmental Review of Rail Business, Australia

EDD for transaction for the acquisition of Pacific National, an Australian national rail business.

EHS Compliance Audits for a Manufacturer's Facilities in Australia, Spain, Taiwan, Province of China, United States, New Zealand, United Kingdom

EHS Compliance Audits of various building products manufacturing sites and construction projects against corporate standards and local regulations.

Property Refinancing Due Diligence

Managed the due diligence investigations for the divestment of a cold storage logistics business in Australia, New Zealand and the US.

Property Baseline Environmental Assessments Port Logistics in Queensland, NSW and Victoria, Australia

Managed and reviewed the baseline contamination investigations for the logistics facilities for a business at part sites in Queensland, NSW and Victoria Australia.

EHS Compliance Audits for Johnson & Johnson, Australia

EHS compliance audits of J&J Medical facilities in each state of Australia against corporate standards and local EHS regulations.

Bankstown Airport redevelopment for Bankstown Airport Limited, Australia

Provided advice in relation to vapour intrusion from chlorinated solvent groundwater contamination.

Transaction – Port of Darwin

Environmental due diligence for a bidding consortium in the privatisation of Port of Darwin, including review of tenant occupied facilities. Work involved management interviews and review of vendor environmental due diligence reports, including site assessments prepared by the NT government's environmental advisor.

Marrickville Metro Compliance Audit and Contamination Advice

Compliance audit of centre tenant, drycleaners and advice re chlorinated solvent contamination.

Foray St Yennora EDD f

Provided advice in relation to chlorinated solvent contamination and remediation requirements prior to potential purchase.

Independent Environmental Audits and Hazard Audit for Planning Approvals

The independent environmental audit and hazard audit for an ammonium nitrate storage.

Property Due Diligence of Waterloo site

Phase 1 Environmental Site Assessment and vapour intrusion investigation for underground storage tank and chlorinated solvent contamination.

2014

EDD of wind farms in Australia

Environmental due diligence of several major Australian wind farm developments.

Port Transaction EDD

Environmental due diligence of Newcastle Port. The due diligence included reviewing environmental management; compliance; asbestos management; legacy site contamination sediment and dredging management; and a gap analysis against Equator Principles for the lenders.

Due Diligence of chemicals business in Australia and New Zealand

Due diligence reviews and site visits to assess legacy liabilities and compliance costs for a Chinese Chemical Manufacturer.

Downstream Petroleum – Shell Australia

Environmental liabilities review in the due diligence for the acquisition of a major downstream petroleum business (Shell Australia) with refining, distribution and retail facilities in Australia for a confidential consortium.

EDD for port privatization

Environmental due diligence of two major Australian ports - Port Botany and Port Kembla. The due diligence included reviewing the EMS against other ports; legacy site contamination; dredging management; ecological matters; and a gap analysis against Equator Principles for the lenders.

2013

Environmental Health and Safety Review of a Forge Business

Environmental, health and safety review for an Australian forge business, an Australian rail products company and other manufacturers for confidential US clients.

Due Diligence Marine Terminals

Environmental due diligence review for the investment in a marine terminals business with locations in South America, UK, Turkey, the US and Asia.

2012

EDD of Desalination Plant privatization transaction

Confidential consortium, Australia

Environmental due diligence of a desalination plant assessing planning approvals, environmental impact on marine environment and legacy land contamination. Particular advice was required in relation to ecological issues and legacy asbestos issues from the use of contaminated concrete aggregate and following remediation.

Transport for NSW, Australia

Review of three rail construction and upgrade projects prior to project handover from RailCorp.

2011-2013

Independent Environmental Audits and Hazard Audits for Planning Approvals

The preparation of independent environmental audit and hazard audits for several organisations in chemical storage, brewery, concrete tile manufacturer, and chemical logistics.

Contaminated Site Assessments

Managed and conducted several site assessments for food manufacturing companies.

2010-2015

Environmental audit program of Chatree in Thailand

Annual audit program for a gold mine that reviews compliance against planning approvals and codes

2010-2014

Aerospace

Environmental health and safety review including remediation and regulatory advice for the closure of an aerospace manufacturing facility located on Commonwealth land in Australia. Significant issues including asbestos management, chlorinated solvents and a plating shop.

Contaminated Site Assessment

Baseline contamination study for Port of Brisbane following acquisition for successful purchaser.

Environmental due diligence for confidential private equity client in Australia

Environmental and carbon liabilities due diligence for the acquisition of a glass manufacturing and plastics manufacturing business

Review of a Battery Manufacturer in Australia

Due diligence for a battery manufacturer.

Due Diligence and Contaminated Site Assessment

Phase I and II site assessments of various acquisitions for earthmoving and mining equipment, rail products and water treatment facilities.

Environmental Due Diligence

Managed due diligence investigations of several major aerospace manufacturing facilities for three US aerospace companies and an Australian manufacturer. Including a baseline contamination assessment at a confidential Defence facility in Western Australia on behalf of the aerospace contractor.

Pharmaceutical EDD

Environmental due diligence and contamination assessments for the acquisition of pharmaceutical manufacturing facilities.

EDD and carbon liabilities

Environmental, health and safety liabilities and carbon liabilities due diligence for the acquisition of coal haulage businesses in Australia for a confidential client.

Expert Witness

Environmental compliance and air emissions matter in the NSW Land and Environment Court.

Due Diligence and Compliance

Environmental due diligence for the bitumen manufacturing facilities and follow on compliance audits.

Environmental Due Diligence

Environmental and carbon liabilities due diligence for the acquisition of Port Pirie lead smelter for confidential client.

EDD for an investment by private equity in an Australian and New Zealand Waste business

Environmental and carbon liabilities due diligence of a large solid and liquid waste business.

Due Diligence of a motorway for an investment fund

Environmental due diligence of motorway.

EDD for a port privatization- Port of Brisbane

Environmental due diligence of the Port of Brisbane. The due diligence included review of environmental management and compliance, ecological risks, dredging management, legacy contamination and a gap analysis against Equator Principles for the lenders.

2008

Environmental Due Diligence in Australia and New Zealand

Due diligence investigations for acquisitions in the chemical, agrichemical, petroleum refining and retail operations and waste management industry for Australian investment firms, Australian and US private equity and Chinese manufacturers.

EDD Australia Airports

Environmental liabilities and due diligence for the acquisition of airports several airports - review of planning approvals and contaminated land.

Aluminium Extrusion Due Diligence

Managed an environmental due diligence program involving compliance and contamination assessment for an aluminium extrusions business in all states of Australia.

Environmental Due Diligence of pharmaceutical facilities in Australia

Environmental due diligence including Phase 1 and Phase 2 investigations for the acquisition of pharmaceutical manufacturing facilities for confidential clients.

Due Diligence of Airports

Environmental due diligence for the acquisition of several Australian airports in New South Wales and Queensland, Australia for confidential consortium.

2007-2018

Groundwater Contamination Remediation at Crane Enfield Metals, Australia

Long term advice and oversight role of remediation of chlorinated solvent contamination of groundwater using groundwater pump and treat, soil vapour extraction and investigation of enhanced bioremediation.

EHS Audits for AGL

Environmental health and safety compliance and management systems reviews prior to the acquisition of hydroelectric power, gas-fired cogeneration plants, coal seam gas processing plant and pipelines and wind farms in New South Wales, Queensland, Victoria and South Australia for several energy companies.

2006

Due Diligence in Australia, United States, Indonesia, Malaysia, Denmark, New Zealand, Belgium

Environmental and occupational health and safety due diligence for the acquisitions of several building products businesses and foundry businesses.

**Due diligence and compliance audits of coal mining and minerals processing operations
Australia**

Due diligence and compliance audits of coal mining and minerals processing operations

Contaminated land and planning due diligence for CUB, Australia

Environmental due diligence prior to the closure and divestment of brewery

Castle Harlan Australian Mezzanine Partners, Australia

Environmental and health and safety due diligence of a variety of businesses in Australia including mine haulage, logistics, crane hire and wine makers prior to the acquisitions by a private equity client.

2003- 2005

Environmental Health and Safety Compliance Auditing and Environmental Management

Johnson and Johnson, Australia

Environmental health safety and social auditing.

EHS Due Diligence for BHP Billiton, South Africa

Environmental health and safety (EHS) and corporate social responsibility due diligence and financial risk modelling for mining and minerals processing facilities in South Africa for a large multinational mining and manufacturing company

Property Due Diligence

Environmental due diligence for the closure and divestment of a copper smelter in New South Wales, Australia.

Expert Witness

Environmental compliance and site/building contamination cases in the Australian Federal Court.

Pre 2000

Environmental Management Systems

Assisted in the development, implementation and/or maintenance of environmental management systems (EMS) in line with ISO 14001 for divisions of a metal processing and plumbing supplies manufacturer and a pharmaceutical company.

Contaminated Site Assessment

Conducted site assessments for a specialty chemical manufacturer, phenolic resins manufacturer, industrial rubber manufacturing site and timber treatment plant.

Health and Safety and Chemical Management

Conducted environmental health and safety audits of a wide range of facilities including chemical, logistics, construction, general manufacturing and tourism.

Contaminated Site Assessment

Site contamination assessments for several Department of Defence sites.

Environmental Health and Safety Compliance Auditing and Environmental Management

Conducted environmental audits for a timber company with plantations, production plants and treatment plants.

Environmental Due Diligence in Brazil, United Kingdom, Canada, United States

Environmental due diligence review of global explosives manufacturing facilities prior to acquisition.

Due Diligence

Australia, United Kingdom, New Zealand, China, Malaysia, Portugal, Chile, Brazil

Due diligence investigations for worldwide business involving food manufacturing and chemical storage facilities.

Environmental Health and Safety Compliance Auditing and Environmental Management

Snowy Hydro, Australia

Managed environmental programs for hydroelectric generator, which included compliance audits, training of internal auditors and development of their EMS.

DAVID FORD

Senior Managing Consultant

David is a chemical engineer with prior experience working as a brewer, environmental manager, project manager and finance manager. His experience includes vendor and acquisition due diligence; environment, health and safety (EHS) management systems; EHS compliance auditing; contamination assessment; materials, energy and water usage efficiency; waste management and reporting; and corporate governance. He was part of the team that established the first EHS Manual for Foster's Group and was responsible for developing and implementing EHS management systems for Australian operations. David assists a range of industrial and commercial clients providing advice on contamination, environmental and health and safety compliance, hazardous substance and waste classification and disposal requirements. He undertakes due diligence and compliance reviews for clients looking to acquire or divest assets across a wide range of industry sectors. David has experience in major project approvals, site investigation projects and site closures and remediation.



CAREER

2018-present

Senior Managing Consultant, Ramboll

2012-2018

Consultant/Manager, Ramboll (formerly Ramboll Environ)

2010-2011

Project Manager – Commercial Finance, Foster's Group

2007-2010

Commercial Finance Manager – Woolworths, Foster's Group

2005-2007

Project Manager - CUB Site, Sydney, Foster's Group

1996-2005

Environment Coordinator, Foster's Group

1984-1995

Brewer - Melbourne, Brisbane, Canada, Sydney, Foster's Group

EDUCATION

1998-1999

Grad Dip Business Administration

University of Technology, Sydney, Sydney, Australia

1980-1983

BEng (Hons), Chemical Engineering

University of Melbourne, Melbourne, Australia

CONTACT INFORMATION

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Ramboll Australia

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Australia

EHS COMPLIANCE AUDIT EXAMPLES

2020

Corporate Compliance Program

Project Manager for a program of environmental compliance audits at 22 facilities located in NSW, Queensland, Victoria, Tasmania, South Australia and Western Australia for a manufacturer of building products. Auditor for the South Australian location.

2019

Eveleigh Locomotive Workshop

Independent Environmental Audit of the redevelopment of the Eveleigh Locomotive Workshop. The project was audited against the conditions of the development consent to assess the environmental performance of the development in the pre-construction and construction phases.

2019

Corporate Compliance Program

Project Manager for a program of environmental compliance audits at 15 facilities located in NSW, Queensland and Western Australia for a manufacturer of building products. Auditor for four of the locations in NSW and Queensland.

2019

Metal Fabrication

Environmental compliance audit of a metal fabrication facility in NSW as part of a corporate HSE compliance program.

2019

Ultimo Pyrmont Public School

Independent Environmental Audits of the redevelopment of Ultimo Pyrmont Public School. The project was audited against the conditions of the development consent to assess the environmental performance of the development in the pre-construction and construction phases.

2018

Waste Facility Redevelopment

Independent Environmental Audit of a waste facility in New South Wales being redeveloped as a materials recycling facility. The facility was audited against the conditions of the development consent and Environmental Protection Licence to assess the environmental performance of the development in the construction phase.

2018

Waste Facility with Electricity Generation

Independent Environmental Audit of Veolia's Woodlawn bioreactor and intermodal facilities against the conditions of the development consents and Environmental Protection Licences. The landfill bioreactor gas is utilised for the generation of electricity.

2018

Electrical Equipment

Health and safety compliance audit of an electrical equipment service facility in Newcastle as part of a global corporate audit program.

2018

Mining Equipment

Peer review of an environmental compliance audits of a mining equipment service and maintenance facility in Tasmania as part of a global audit program.

2018

Bulk Liquids Terminal

Audit of secondary containment and spill prevention measures at a NSW bulk liquids terminal.

2017

Brake Components

Environmental, health and safety compliance audit of a brake component manufacturer in Victoria as part of a global audit program.

2017

Electrical Equipment

Health and safety compliance audit of an electrical equipment service facility in Sydney as part of a global audit program.

2017

Vehicle Components

Environmental, health and safety compliance audit of a vehicle component manufacturer in Victoria.

2017

Waste Transfer Terminal

Independent Environmental Audit of Veolia's Clyde (NSW) waste transfer terminal against the conditions of the facility's development consent and Environmental Protection Licence.

2016

Refinery Conversion

Independent Environmental Audit of conversion of a refinery to a fuel terminal against the requirements of the conditions of the development consent and Environmental Protection Licence.

2016

Cement Works

Independent Environmental Audit of a cement works to meet the requirements of the conditions of the facility's Environmental Protection Licence.

2016

Waste Transfer Terminal

Independent Environmental Audit of a waste transfer terminal against the conditions of the facility's development consent and Environmental Protection Licence.

2016

Vehicle Components

Environmental, health and safety compliance audit of a truck component manufacturer in Victoria as part of a global audit program.

2015

Construction Industry - Work at Heights

Health and safety audit of a construction site in New Zealand with a focus on work at heights.

2015

Construction Industry

Environmental compliance audit of a construction industry supplier in Queensland.

2014

Construction Industry

Environmental compliance audit of a construction industry supplier in New Zealand.

2014

Aggregates Quarry

Environmental compliance audit of an aggregates quarry in New Zealand.

2014

Major Hazard Facilities

Independent Environmental Audits of two dangerous goods warehouses (Major Hazard Facilities) in Sydney's western suburbs to meet the requirements of the conditions of the development consents.

2013

Vehicle Manufacturer

Environmental, health and safety compliance audits of a truck component manufacturer in Queensland as part of a global audit program.

2013

Vehicle Manufacturer

Environmental, health and safety compliance audit of a mobile crane manufacturer in Queensland.

2013

Food Industry

Environmental, health and safety compliance audit of a food industry supplier in New Zealand.

2012

Transport Projects

Environmental audit of three rail transport projects for a state government authority.

2012

Poultry Processing Facilities

Five environmental compliance audits of poultry processing, rendering and feed mill facilities located in New South Wales and Queensland.

VANESSA WHITE

Environmental Consultant

Vanessa is an Environmental Consultant practising in a range of environmental audits, site investigations and due diligence. She holds a Bachelor of Advanced Science (Earth Science) with prior experience on a range of projects involving independent environmental audits, site assessment, due diligence and compliance reviews.

Her experience includes fieldwork, data review and management, lab and field quality evaluation and report writing. She has been involved in various projects in the public and private sector, including government, manufacturing, public infrastructure and transport, Defence, commercial and property sectors.

CAREER

2017 - Present

Environmental Consultant – Ramboll

2017

Assistant - Prensa

EDUCATION

BAdvSci(Hons)

University of New South Wales, Sydney, Australia

PROJECTS

Waste Facility Independent Environmental Audit Review

Ramboll conducted an independent environmental audit to meet the requirements of the conditions of the facility's development consent. The review included a site inspection of the facility including the storage of chemicals and review of environmental management systems in place.

Ammonium Nitrate Facility Independent Environmental Audit Review

Ramboll conducted an independent environmental audit as part of the statutory requirements by the NSW Department of Planning and Environment. The review included a site inspection of the facility including the storage of chemicals and review of environmental management systems in place. The report provided the client with information on their current site activities.

Food Distribution Environmental Site Assessment and Compliance Review

As part of a potential purchase, Ramboll provided an assessment of a food distribution facility. The assessment included a site inspection, a



CONTACT INFORMATION

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100 Pacific Highway, PO Box
560
2060 North Sydney
Australia

review of environmental compliance and potential contamination sources to the vendor to identify and evaluate any potential environmental liabilities from past and present uses.

Manufacturing Facility Environmental Site Assessment and Compliance Review

Environmental compliance audit of a plastics manufacturing facility in Sydney for the due diligence purposes. The scope of the work included a Phase 1 Environmental Site Assessment and limited review of regulatory compliance and other environmental matters. A review of vendor information, previous investigation reports and a site inspection were conducted in achieving the client's goals.

Environmental Vendor Due Diligence Assessment

As part of a EVDDA, Ramboll provided an assessment for a gear repair and modification facility. The assessment included a site inspection and review of previous investigations to provide information to the vendor to identify and evaluate any potential environmental liabilities from past and present uses.

Soil and Groundwater Monitoring

Vendor due diligence for a site in Cheltenham VIC for sale and leaseback. Scope includes groundwater monitoring, additional investigations, review of various previous environmental reports and response to the Victorian EPA and auditor.

Environmental Due Diligence of Property

Environmental due diligence was conducted for the potential purchase of an industrial site in Villawood, NSW. The site is currently leased to a bus assembly and repair company. The scope of work included review of previous investigation reports, additional research and a site inspection to provide advice in relation to addressing data gaps and conducting further investigation. A targeted Phase II investigation followed including soil and groundwater sampling which provided the client with clarify on initial potential contaminants of concern.

Contaminated land Remediation Claims on behalf of Insurers

Assisting on the multiple detailed reviews of asbestos contamination claims. The scope of works included the review of consultant's reports, site records, general ledgers and invoices and meetings with the parties involved in the claims.

Targeted Soil and Groundwater Investigation for Potential Divestment

The investigation was conducted as part of the environmental due diligence for potential divestment of the site. The work included discussions with the potential purchaser and their environmental consultant, groundwater and soil sampling and the delivery of a targeted assessment of the site.

Phase 2 Soil and Groundwater Environmental Site Assessment

An assessment of soil and groundwater contamination for a proposed residential redevelopment. The investigation included sampling and the delivery of a Phase 2 investigation to advise the Client of the potential contamination risks to lodge a Development Application.

Phase 1 Environmental Site Assessment of Potential Liabilities

Ramboll conducted a Phase I environmental assessment of the property in Pinkenba, Queensland, Australia. The subject industrial property was part of a larger complex occupied by multiple tenants and owned by the investment company. The purpose of this assessment was to allow Ramboll to provide technical support that would assist the Client in rendering legal advice concerning potential liabilities associated with the property.

Phase 1 Environmental Site Assessment

To assist in the due diligence for the provision of finance for a site. The investigation was to identify indicators of potential site contamination from current and historical land uses and included the delivery of a Phase 1 report for the Client.

WestConnex Stage 1B, M4 East

Ramboll has been retained to undertake contaminated land site assessment reporting for the 7km M4 East extension as part of the NSW Government WestConnex road infrastructure project. Vanessa has been involved in undertaking the fieldwork and delivery of making the final landforms following construction suitable for their intended land use. The project included Phase 2 investigations, remedial action plans and validation reports.

Preliminary Site Investigation to Support a Development Application

Ramboll were retained by the Client to undertake a preliminary site assessment of an existing commercial/ residential facility to support documentation for the Development Application submitted to Council. The assessment provided clarity on the historical land use of the area and the potential migration sources from off-site properties.

PFAS Investigation

Targeted Phase 2 contamination investigation of soil, sediment and groundwater for PFAS contamination of a site known to have used fire-fighting foam. Ramboll were retained to investigate the site as part of a proposed residential redevelopment. Of particular concern and subsequently closed out by the report was the potential for off-site migration to a nearby creek and the re-use of impacted top soil within the future residential redevelopment.

Depot Phase 1 ESA

A Phase 1 Environmental Site Assessment of a Council depot prior to divestment of the property. Previously used for vehicle maintenance, the project included a site inspection and review of previous investigation reports, historical and publicly available information.

APPENDIX C

INDEPENDENT AUDIT DECLARATION FORM

INDEPENDENT AUDIT DECLARATION FORM


Project Name:	Blackwattle Bay Concrete Batching Plant Demolition
Consent Number:	DA 9449
Description of Project:	Demolition of existing concrete batching plant
Project Address:	1/1A Bridge Road, Glebe, New South Wales
Proponent:	Hanson Construction Materials Pty Ltd
Title of Audit:	Independent Environmental Audit of DA 9449 Blackwattle Bay Concrete Batching Plant Demolition
Date:	10 June 2020

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

- the Audit has been undertaken in accordance with relevant condition(s) of consent and the *Independent Audit Post Approval Requirements (Department 2018)*;
- the findings of the Audit are reported truthfully, accurately and completely;
- I have exercised due diligence and professional judgement in conducting the Audit;
- I have acted professionally, objectively and in an unbiased manner;
- I am not related to any proponent, owner or operator of the project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the Audit, or by relationship as spouse, partner, sibling, parent, or child;
- I do not have any pecuniary interest in the audited project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;
- neither I nor my employer have provided consultancy services for the audited project that were subject to this Audit except as otherwise declared to the Department prior to the Audit; and
- I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so.

Notes :

- Under section 10.6 of the Environmental Planning and Assessment Act 1979 a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and
- 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 Lead Auditor:	Victoria Sedwick
Signature:	
Qualification:	Exemplar Global Lead Auditor Accreditation No.13180
Company:	Ramboll Australia Pty Ltd
Company Address:	PO Box 560, North Sydney NSW 2060

APPENDIX D

SITE INSPECTION PHOTOGRAPHS



Photo 1: Looking southeast from the foreshore towards the north western boundary of the site.



Photo 2: Southern boundary of the site adjacent to Bridge Road towards the concrete silos. Looking to the north east.


Title: Independent Environmental Audit DA 9449	Approved: VS	Project-No.: 318000905	Date: 10/06/20
Site: 1/1A Bridge Road, Glebe			
Client: Hanson Construction Materials Pty Ltd			



Photo 3: Sediment controls along the western boundary of the site, looking towards the west.

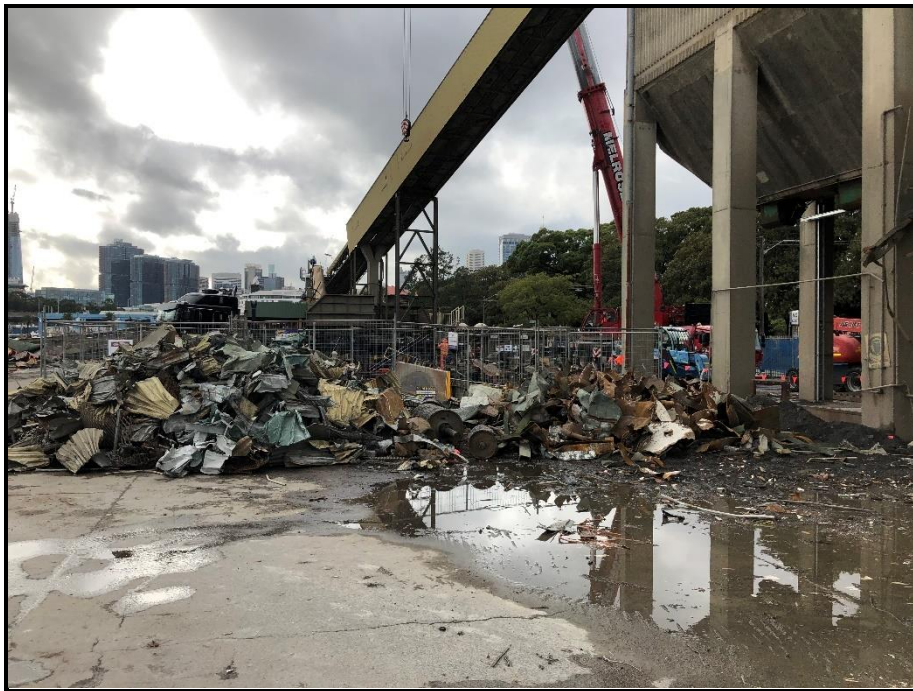


Photo 4: Stockpiles of material located adjacent to the concrete silo within the southern portion of the site, looking towards the north east.


Title: Independent Environmental Audit DA 9449	Approved: VS	Project-No.: 318000905	Date: 10/06/20
Site: 1/1A Bridge Road, Glebe			
Client: Hanson Construction Materials Pty Ltd			



Photo 5: Eastern portion of the site looking towards the north.



Photo 6: Demolition equipment at the time of the site visit within the northern portion of the site, looking towards the south.


Title: Independent Environmental Audit DA 9449	Approved: VS	Project-No.: 318000905	Date: 10/06/20
Site: 1/1A Bridge Road, Glebe			
Client: Hanson Construction Materials Pty Ltd			



Photo 7: Fencing along the western boundary of the site, looking towards the southern portion of the site.



Photo 8: Northern boundary of the site, looking towards the east.


Title: Independent Environmental Audit DA 9449	Approved: VS	Project-No.: 318000905	Date: 10/06/20
Site: 1/1A Bridge Road, Glebe			
Client: Hanson Construction Materials Pty Ltd			



Photo 9: Eastern portion of the site looking towards the concrete silos to the south west.



Photo 10: Eastern boundary of the site adjacent to the substation, looking towards the east.


Title: Independent Environmental Audit DA 9449	Approved: VS	Project-No.: 318000905	Date: 10/06/20
Site: 1/1A Bridge Road, Glebe			
Client: Hanson Construction Materials Pty Ltd			



Photo 11: Spray cannon for dust suppression within the south western portion of the site, looking towards the east.

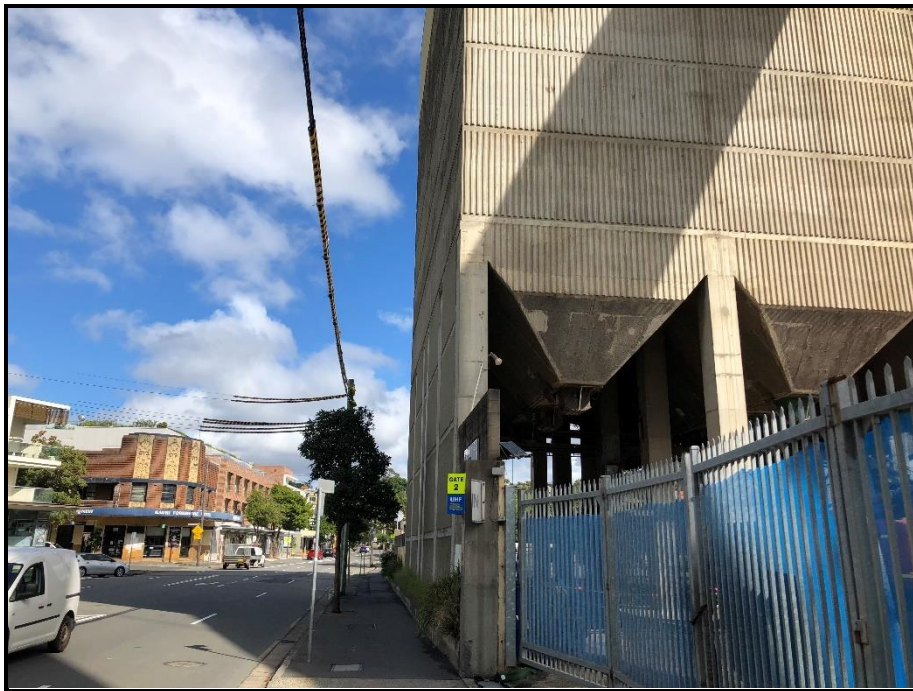


Photo 12: Southern boundary of the site adjacent to Bridge Road, looking towards the south west.

Title: Independent Environmental Audit DA 9449	Approved: VS	Project-No.: 318000905	Date: 10/06/20
Site: 1/1A Bridge Road, Glebe			
Client: Hanson Construction Materials Pty Ltd	