

Independent Environmental Audit Report 6 (IA6) Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW



Audit Date: 19 April 2024

Morasey Ref: MEDEI: 2023100-06

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Executive Summary

This report presents the findings of the 6th Independent Environmental Audit (IA6) conducted by Morasey Environment Pty Ltd commencing on Friday 19th April 2024 for the Deicorp Tallawong Station Precinct South Project located in Rouse Hill NSW. The temporal period covered by the audit is between the date of the 5th Independent Audit (IA5) on 24th October 2023 to the date of the site inspection for this Independent Audit 6 (IA6), 19th April 2024. The environmental performance of the project was assessed at the time of the site inspection on 19th April 2024.

The details of the Development are as follows:

Application Number: SSD 10425

Applicant: Deicorp Construction Pty Ltd

Consent Authority: Minister for Planning and Public Spaces

Site: 1-15 and 2-12 Conferta Avenue, Rouse Hill NSW

Lots 293 and 294/DP 1213279

Date of Consent: 20 July 2021

Development: Construction of a staged mixed-use development (Tallawong Station Precinct South) comprising:

- 17 buildings of between two and eight storeys to a maximum height of 34.69 m (RL 91.600)
- maximum gross floor area (GFA) of 93,393 m²
- 987 dwellings
- retail, commercial and community uses of approximately 9,000 m² GFA
- 5% affordable housing (50 dwellings)
- basement for car parking and services
- land and stratum subdivision
- landscaping of the public and private domain
- publicly accessible park
- new public and private roads and pedestrian connection

The purpose of this audit was to undertake the necessary assessment and review of compliance with SSD 10425 Conditions of Approval, and the implementation and effectiveness of environmental management and mitigation measures in the Construction Environmental Management Plan (CEMP). Specifically, this audit was required to satisfy Condition A23 of SSD 10425 which requires Independent Audits of the development to be carried out in accordance with the Independent Audit Post Approval Requirements (IAPARs) prepared by the NSW Department of Planning, Housing and Infrastructure (DPHI), dated May 2020.

This Audit has been conducted in accordance with the IAPARs, and AS/NZS ISO 19011:2014 – Guidelines for Auditing Management Systems. The IAPARs require Independent Audits to be conducted every 26 weeks during Construction, until which time the project becomes operational.

The audit includes an assessment of compliance with Conditions of Approval (CoA) in Part A Administrative Conditions, and Part D During Construction, of SSD 10425. The audit also



includes an assessment of compliance with selected mitigation measures in the Project CEMP and Sub-Plans. Additional CoAs were verified for compliance during the audit, as requested by government agencies during consultation. A summary of non-compliances has been presented in the table below.

Summary of Non-Compliances - SSD 10425-IA6

CoA	CoA Summary of Non-Compliance – IA6 – Conditions of Approval	
Nil	Nil	
Section	Section Summary of Non-Compliance – IA6 – CEMP and Sub-Plans	
Nil		

The audit also included a high-level assessment of adequacy of the project CEMP and Sub-Plans. The implementation of the CEMP was considered to be adequate. Three Observations were raised, presented in the table below.

СоА	Summary of Observation – IA6
D22	Observation 1: The street sweeper turned around at the western end of the project boundary (near the commuter car park). Tracking was evident on the road beyond this point, and up to the intersection with Tallawong Road.
D23	Observation 2: Controls at the discharge point and around the stormwater inlet outside the site hoarding required improvement to further filter discharged water prior to entry to stormwater.
	Observation 3: Sediment fencing had come away at one location along the Schofields Road boundary fence (caused by water ingress to site) – to be mended.
CEMP, 9.4 Air and Dust Management	Observation 4: Excavated spoil was not sorted into designated stockpiles, but rather a number of small unformed stockpiles across the site.

A comparison of predictions of environmental impact in environmental assessment documentation with actual project environmental impacts during construction was conducted. Overall, predicted impacts were found to align with the actual impacts relevant to the site during construction.

The outcome of the audit indicated a good effort by the Deicorp project team on achieving compliance with conditions from Parts A and D of SSD 10425, and mitigation measures in the CEMP and Sub-Plans. Overall, **no Non-Compliances with SSD 10425** were identified (from a total of 78 conditions assessed), and **no Non-Compliances with the CEMP and Sub-Plans** were identified (from a total of 20 mitigation measures assessed).

Three observations were raised during the audit and related to improvement opportunities for the management of erosion and sediment controls to improve water quality and reduce dust risk. Issues raised during the last Independent Audit in October 2023 had been closed-out and evidence sighted.



The management of water was an ongoing risk at the site, though evidence of documentation and implementation of appropriate processes was observed during the audit, with evidence of implementation throughout the audit period. The process for dewatering surface water to stormwater from the site continued to be managed by a process of water quality monitoring and approvals based on ANZECC water quality guidelines, and a documented dewatering strategy had been prepared.

The management of soil and groundwater contamination under a Remediation Action Plan (RAP) was complete for Site 1 and Site 2, with Site Audit Reports and Site Audit Statements issued by the appointed NSW EPA Site Auditor.

The implementation of controls for all other environmental aspects assessed during the audit were deemed to be adequate and associated environmental risks were relatively low.

The auditor would like to thank the auditees for their time during the audit.



Independent Environmental Audit Report 6

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW

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1. Introduction

This report presents the findings of the 6th Independent Environmental Audit (IA6) conducted by Morasey Environment Pty Ltd commencing on Friday 19th April 2024 for the Deicorp Tallawong Station Precinct South Project located in Rouse Hill NSW. The project was approved as a State Significant Development (SSD 10425) on 20th July 2021.

1.1 Project Description and Location

The project site that is the subject of this audit is Site 1 and Site 2 of the Deicorp Construction Pty Ltd mixed-use development located between Themeda Avenue to the north, Schofields Road to the south, and Cudgegong Road to the east, Rouse Hill NSW.

The development is located in Tallawong Station Precinct South approximately 16km from the Parramatta CBD, and 1.7km from the commercial centre of Rouse Hill in the Blacktown City Council Local Government Area (LGA). The Site 1 development is situated directly to the south of the Sydney Metro Northwest Tallawong Railway Station on Themeda Ave, and 700m southeast of the Sydney Metro stabling facility. A 1,000 space Metro commuter car park is located immediately to the west of Site 1 and Site 2.

Figure 1 below depicts an aerial view of the site.



Figure 1: Tallawong Station Precinct South SSD 10425 Site Location, Source: Nearmap / DPIE Environmental Assessment



The project involves the construction of a staged mixed-use development (Tallawong Precinct South) comprising:

- 17 buildings of between two and eight storeys to a maximum height of 34.69m (RL 91.600)
- Maximum gross floor area (GFA) of 93,393m²
- 987 dwellings
- Retail, commercial and community uses of approximately 9,000m² GFA
- 5% affordable housing (50 dwellings)
- Basement for car parking and services
- Land and stratum subdivision
- Landscaping of the public and private domain
- Publicly accessible park, and
- New public and private roads and pedestrian connection.

As noted in the Department's Assessment, "the proposal will deliver new housing and a new local retail and commercial centre, supported by infrastructure, open space, and public transport consistent with the strategic planning objectives for the North West growth area". The proposed built form "will deliver a high-quality development that would make a positive contribution to the existing and emerging character of the surrounding area".

1.1.1 SSD Approval

Details of the Development are as follows:

Application Number: SSD 10425

Applicant: Deicorp Construction Pty Ltd

Consent Authority: Minster for Planning and Public Spaces

Site: 1-15 and 2-12 Conferta Avenue, Rouse Hill NSW

Lots 293 and 294/DP 1213279

Date of Consent: 20 July 2021

The proposal is State Significant Development (SSD) under Section 4.36 of the *Environmental Planning and Assessment Act 1979* (EP&A Act) as the development has a Capital Investment Value (CIV) in excess of \$30 million (\$332 million) and is for the purpose of commercial premises and residential accommodation associated with railway infrastructure under clause 19(2)(a) of *State Environmental Planning Policy (State and Regional Development) 2011* (SRD SEPP).

1.2 Audit Objectives

The purpose of this audit was to undertake the necessary assessment and review of compliance with SSD 10425 Conditions of Approval, and the implementation and effectiveness of environmental management and mitigation measures in the Construction Environmental Management Plan (CEMP) and Sub-Plans.



1.3 Scope

The scope of the audit included:

- Assessment of compliance with the Project Conditions of Approval, Parts A & D of SSD 10425;
- An assessment of the environmental performance of the development, including:
 - Actual impacts compared to predicted impacts in the Environmental Assessment and Environmental Impact Statement (EA & EIS)
 - Incidents, non-compliances and complaints that occurred or were made during the audit period, and
 - The performance of the development having regard to agency policy and any particular environmental issues identified through consultation carried out when developing the scope of the audit.
- A high-level assessment of the adequacy of the project's CEMP and Sub-Plans, and
- Any other matters considered relevant by the auditor or the Department taking into account relevant regulatory requirements and legislation and knowledge of the development's past performance.

1.3.1 Audit Period

The audit period is between the date of IA5 on 24th October 2023 to the date of the site inspection for this Independent Audit 6 (IA6), 19th April 2024. The status of site documentation was confined in time to between these dates. The environmental performance of the project was assessed at the time of the site inspection on 19th April 2024.

1.3.2 Auditor Approval and Declaration of Independence

The audit was conducted by Josephine Heltborg (Exemplar Global Certified Principal Environmental Auditor, Certificate No. 111000) of Morasey Environment Pty Ltd, approved by the Department of Planning, Housing and Infrastructure (the Department | DPHI) in correspondence dated 26th March 2024. The Department's Letter of Agreement to the Independent Auditor is included as **Attachment 2**.

The Auditor has no other involvement or role on the Project and is independent of the Proponent and Principal Contractor (Deicorp). The Auditor's Declaration of independence is included as **Attachment 3**.



1.4 Regulatory / Approval Requirements

The main regulatory instrument that applies to the site is the Development Consent, issued to Deicorp Construction Pty Ltd by the Minister for Planning and Public Spaces (SSD 10425), pursuant to Section 4.38 of the *Environmental Planning and Assessment Act 1979*, dated 20 July 2021, subject to a number of approval conditions. As required by Condition A23 of SSD 10425, Independent Audits of the development must be carried out:

"Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020)."

The Department's Independent Audit Post Approval Requirements (2020) require the Initial Independent Audit to be conducted within 12 weeks of the commencement of construction, and ongoing Independent Audits to be conducted every 26 weeks until which time the project becomes operational. After this time, operational Independent Environmental Audits would be conducted every three years.

A Concept Plan (SSD 9063) was previously approved for the site on 21 February 2019. The Environmental Impact Statement (EIS) found the proposal is consistent with the State *Environmental Planning Policy (SEPP) (Sydney Regional Growth Centres) 2006* as well as the relevant key development standards and the specific objectives and design principles of the approved Concept Plan.



1.5 Methodology

The Audit was conducted in accordance with the Independent Audit Post Approval Requirements (IAPARs) prepared by the NSW DPHI, dated May 2020, and AS/NZS ISO 19011:2014 – Guidelines for Auditing Management Systems.

The audit included an inspection of the active works being conducted on Friday 19th April 2024, and interviews with key Deicorp site and management personnel. The audit included the review of project documentation and records maintained both on site, and subsequent requests for information maintained off site. The audit attendee list for the opening and closing meetings is included as **Attachment 4** and photographs from the site inspection are included in **Section 5**.

The Audit Table is included in **Attachment 1** and was used to assess compliance with SSD 10425 as follows:

- Part A: Administrative Conditions (Conditions A1-A31)
- Part D: During Construction (Conditions D1-D44)

The compliance status of each requirement in the Audit Table was determined using the descriptors below:

- **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.

In addition to the compliance status descriptors, observations and notes are made, including identifying any opportunities for improvement in relation to any compliance requirement or any other aspect of the development.

The audit also included an assessment of compliance with management plans, and a comparison of predictions of environmental impact in environmental assessment documentation with actual project environmental impacts.

The following Auditees were present during the Audit:

- Carl Hely, Deicorp Site Manager (Site 1)
- Nick Reeves, Deicorp Site Manager (Site 2)
- Grant Madsen, Deicorp Project Manager (Site 2)



1.5.1 Agency Consultation

Section 3.2 of the IAPARs requires the auditor to "consult with the Department, who may request that other parties or agencies are consulted, including the Community Consultative Committee chairperson (if one is required for the project), to obtain their input into the scope of the audit".

The NSW DPHI was consulted via email on 25th March 2024. DPHI had no comments in relation to further areas to consider, nor requested further consultation with other agencies to be undertaken for the audit.

Evidence of consultation is included in **Attachment 5**.

1.5.2 Audit Preparation and Document Review

The primary documents reviewed as part of the audit scope are listed below:

- AECOM Air Quality Management Plan (AQMP), Tallawong Station South Precinct, Job No.: 60618532, Rev 2, 13/5/2022
- Acoustic Logic Construction Noise and Vibration Management Plan (CNVMP), Ref 20210646.1/1907A/R1/RF, Rev1, 19/7/2021
- Acoustic Logic Construction Noise and Vibration Management Plan (CNVMP), Tallawong Station Precinct – Site 2, Rev 0, 13/5/2022
- Barker Ryan Stewart Construction Environmental Management Plan (CEMP), Tallawong Station
 Precinct South Site 2, Project No. SY190226, Final, 30/5/2022
- Deicorp SM-03 (Rev A) Site Management Plan (Construction Works) Site 2
- Barker Ryan Stewart Construction Pedestrian and Traffic Management Plan (CPTMP) Tallawong Station Precinct South – Site 2, Rev13 Final 28/5/2022
- Sky Engineering Soil and Water Management Plan (SWMP) / Erosion and Sediment Control Plan (ESCP), Sheets 1, 2 & 3, 1-15 & 2-12 Conferta Ave, Rouse Hill, 20/5/2022
- Barker Ryan Stewart Construction Waste Management Plan (CWMP), Tallawong Station Precinct South – Site 2, Rev2 Final, 26/5/2022
- City Plan Construction Certificate No. 210348/1, dated 31/8/2021 (CC1) Stage 1 Early Works
- City Plan Construction Certificate No. 210348/2, dated 22/12/2021 (CC2) Stage 1 (Site 1A & 1B) Basement
- City Plan Construction Certificate No. 210348/3, dated 20/7/2022 (CC3) Stage 2 Early Works (bulk excavation, shoring & piling) (Sites 2A, 2B, 2C, 2E & 2D)
- City Plan Construction Certificate No. 201348/4, dated 25/8/2022 (CC4) Stage 1 Structure
- City Plan Construction Certificate No. 201348/5, dated 14/10/2022 (CC5) Stage 1 Façade & Fitout
- Department of Planning Industry and Environment (DPIE) Stage 2 Detailed Development Application and Modification Application State Significant Development Assessment SSD 9063 MOD 1 & SSD 10425, July 2021
- Deicorp Community Communication Strategy, Tallawong Village Precinct, Rev2, dated 15/07/2021
- Development Consent, State Significant Development (SSD) 10425, Instrument of Approval, dated 20 July 2021
- El Australia Additional Groundwater Investigation, Ref E24445.E17 Rev0, 1/10/2020
- El Australia Dewatering Management Plan, Tallawong Site 1, Rev0, dated 26/3/021



- El Australia Dewatering Management Plan, Tallawong Station Precinct South, Rouse Hill NSW Site 2, Rev1, dated 5/8/2021
- El Australia Detailed Site Investigation, Ref: E24445.E02, Rev2, 1/5/2020
- El Australia Groundwater Monitoring Report No. 1, Proposed Residential Development, Site 1, Tallawong Station Precinct South, Rouse Hill NSW, E24445.G11.GW01, 19/10/2022
- El Australia Groundwater Take Assessment, SSD 10425, dated 30/9/2020
- El Australia Groundwater Take Assessment, Tallawong Station Precinct South, Rouse Hill NSW, E24445.G12 Rev1, dated 30/7/2021
- El Australia Remediation Action Plan, Tallawong Station Precinct South, Rouse Hills NSW, Ref: E24445.E06, Rev1, 16/4/2020
- Phreatic Consulting NSW EPA Site Audit Statement, Stage 1, 7/7/2022
- Phreatic Consulting NSW EPA Site Audit Statement TNC171-2, Phreatic Consulting, dated 18/12/2023
- Phreatic Consulting Contaminated Site Audit Report Tallawong Station South Precinct Stage 2 Lot 293 DP 1213279, 18/12/2023
- Sutherland & Associates Planning Environmental Impact Statement SSD 10425, May 2020

Other documents and records sighted during the audit are referenced in the Audit Table against each Condition in **Attachment 1**.

Additional audit preparation activities included:

- Preparation of an Audit Plan
- Development of Audit Checklists
 - o SSD 10425 Conditions of Approval
 - o Selected mitigation measures documented in the Project CEMP and Sub-Plans



2. Limitations

The audit has been prepared in accordance with the associated proposal and Morasey's Terms and Conditions. This report is for the sole purposes of the Client. Except as required by law, no third party may use or rely on this Report unless otherwise agreed by Morasey in writing.

The site inspection component of the audit was limited to observable aspects that could be noted during a 'walk through' inspection of the construction site. Sampling or monitoring was not included in the scope of this audit. Because of the inherent limitations of any internal control structure, it is possible that errors or irregularities may occur and not be detected. The matters raised in this report are only those which came to our attention during the course of performing our assessment and are not necessarily a comprehensive statement of all the weaknesses that may exist or improvements that might be made. Our work is performed on a sample basis; we cannot, in practice, examine every activity and procedure, nor can we be a substitute for management's responsibility to maintain adequate controls over all levels of construction/operation and their responsibility to prevent and detect irregularities.

Recommendations and suggestions for improvement should be assessed by management for their full commercial impact before they are implemented. We have generally used and relied upon information supplied as being regarded as authoritative and reliable, but no warranty of completeness, accuracy, or reliability is given. The document review conducted during this assessment was limited to those documents and information supplied as part of the audit. The audit scope did not include the independent verification of these sources unless otherwise noted within the report. The scope of this audit does not extend to the verification of items assessed by the Certifier prior to issuing of a certificate for any stage. Morasey will not accept any liability for inaccurate conclusions if the information provided was incomplete, inaccurate, withheld, misrepresented or otherwise not fully disclosed.

To the best of Morasey's knowledge, the facts and matters described in this report reasonably represent the Client's intentions at the time of which Morasey issued the report to the Client. However, the passage of time, the manifestation of latent conditions or the impact of future events (including a change in applicable law) may have resulted in a variation of the report and its possible impact. Morasey will not be liable to update or revise the report to take into account any events or emergent circumstances or facts occurring or becoming apparent after the date of issue of the report.

This Report does not purport to give legal advice; legal advice can only be given by qualified legal practitioners. To the extent permitted by law, Morasey expressly disclaims and excludes liability for any loss, damage, cost or expenses suffered by any third party relating to or resulting from the use of, or reliance on, any information contained in this report (including without limitation matters arising from any negligent act or omission of Morasey). Morasey does not admit that any action, liability or claim may exist or be available to any third party. The scope of this audit is as defined within the report and does not extend to the verification of items assessed by the Independent Certifier prior to issuing of a certificate for any stage.



3. Audit Findings

The following sections provide a summary of the findings of the audit. The Audit Table is provided in **Attachment 1** and includes details of the evidence collected, observed and provided in support of compliance with the audit criteria. Evidence collected during the site inspection and interviews with personnel on 19th April 2024 has also been included.

3.1 Compliance Status - SSD 10425 (including Proponent Response)

During the audit, no Non-Compliances with SSD 10425 were identified (from a total of 78 conditions assessed). No Non-Compliances with the CEMP and Sub-Plans were identified (from a total of 20 mitigation measures assessed). Three Observations were raised.

Non-Compliances are summarised in **Table 1**, including recommendations to address each Non-Compliance. Deicorp's response to each recommendation will be addressed separately and submitted to the Department.

Table 1: Summary of Non-Compliances SSD 10425 - IA6

CoA#	Summary of Non-Compliance	Recommended Action Due Date Status
Nil		

Non-Compliances with the CEMP and Sub-Plans are summarised in **Table 2**, including recommendations to address each Non-Compliance.

Table 2: Summary of Non-Compliances - CEMP & Sub-Plans - IA6

CoA#	Summary of Non-Compliance	Recommended Action Due Date Status
Nil		

Observations are summarised in Table 3, including recommendations to address each observation.

Table 3: Summary of Observations SSD 10425 - IA6

CoA# / Plan Reference	Summary of Observation	Recommended Action Due Date Status
D22	Observation 1: The street sweeper turned around at the western end of the project boundary (near the commuter car park). Tracking was evident on the road beyond this point, and up to the intersection with Tallawong Road.	Recommended Action: The street sweeper should attend the entire length of Conferta Ave to effectively clean tracked material from the road. Due Date: ASAP – To be verified during IA7, October 2024 Status: OPEN



CoA# / Plan Reference	Summary of Observation	Recommended Action Due Date Status
	Observation 2: Controls at the discharge point and around the stormwater inlet outside the site hoarding required improvement to further filter discharged water prior to entry to stormwater.	Recommended Action: Repair ERSED controls around the treated water discharge point. Due Date: ASAP – To be verified during IA7, October 2024 Status: OPEN
D23	Observation 3: Sediment fencing had come away at one location along the Schofields Road boundary fence (caused by water ingress to site) – to be mended.	Recommended Action: Repair compromised sediment fencing along the Schofields Road boundary. Due Date: ASAP – To be verified during IA7, October 2024 Status: OPEN
Observation 4: Excavated spoil was not sorted into designated stockpiles, but rather a number of small unformed stockpiles across the site.		Recommended Action: Consider forming a designated stockpile area to reduce the potential for dust generation and enable effective waste classification during spoil load-out. Due Date: ASAP – To be verified during IA7, October 2024 Status: OPEN

NB: Observations are not considered Non-Compliances but are opportunities for improvement.



3.2 Review of Environmental Performance

3.2.1 Actual vs Predicted Impacts

An assessment of actual impacts compared with predicted impacts documented in the Environmental Impact Statement (EIS), prepared by Sutherland & Associates Planning, dated May 2020 was conducted. Section 9.18 of the EIS sets out an Environmental Risk Assessment conducted for the proposed development derived from *AS4369.1999 Risk Management and Environmental Risk Tools*.

Overall, predicted impacts were found to align with the actual impacts relevant to the site during construction. A summary of the findings of the assessment, including residual impact ratings is provided in **Table 3** below.

Table 3: Actual vs Predicted Impacts in the EIS (During Construction)

EIS Predicted Impact	Assessment of Actual vs Predicted Impacts	
	Potential Environmental Impact: Loss of vegetation within the site. Potential to impact on biodiversity of the site.	
Biodiversity	Proposed Mitigation Measures and/or comment: Site is biodiversity certified. Vegetation to be removed during construction will be replaced with new planting as illustrated in the landscape plan which accompanies the application.	
	Residual Impact: Low/Medium	
	Actual Impacts (IA6 Assessment): The project must comply with the Tree Audit and Impact Assessment Report.	
	Potential Environmental Impact: Potential water quality.	
Stormwater	Proposed Mitigation Measures and/or comment: Implement stormwater drainage infrastructure as designed by AECOM in accordance with the Integrated Water Cycle Management Strategy — Tallawong Station Precinct South prepared by AECOM.	
	Residual Impact: Low/Medium	
	Actual Impacts (IA6 Assessment): Stormwater drainage infrastructure works and associated compliance is the responsibility of Deicorp and the Private Certifier.	
	Potential Environmental Impact: Exposure of contamination or hazardous materials during construction.	
	Proposed Mitigation Measures and/or comment: Implement Remediation Action Plan during construction.	
Soil and contamination	Residual Impact: Low/Medium	
	Actual Impacts (IA6 Assessment): The RAP, dated 16/4/2020 was provided as evidence during the audit, as well as an Additional Groundwater Investigation, dated 1/10/2020. An EPA Site Auditor had been engaged to verify implementation of the RAP, and to provide Interim Advice and Validation. At the time of IA6, a Site Audit Report	



EIS Predicted Impact	Assessment of Actual vs Predicted Impacts
	(SAR) and Site Audit Statement (SAS) had been issued for Site 1 and Site 2. Works are proceeding under the unexpected finds protocol.
	Potential Environmental Impact: Waste of water, energy and other resources.
Resources, Water and Energy	Proposed Mitigation Measures and/or comment: Detention tanks, rainwater tanks and stormwater treatment measures. Waste management plan to be implemented to reduce waste and encourage recycling. Materials selection and energy saving devices. Multiple ESD measures.
	Residual Impact: Low
	Actual Impacts (IA6 Assessment): The project was found to be managing waste during construction in compliance with the mitigation measures in the CWMP.
	Potential Environmental Impact: Noise during construction.
	Proposed Mitigation Measures and/or comment: The acoustic assessment provides that adequate control of construction noise will be achieved through implementation of Construction Management Plan. Subject to finalisation of equipment specifications, appropriate sound minimisation measures will be incorporated within the development.
	Residual Impact: Low/Medium
Noise and vibration	Actual Impacts (IA6 Assessment): The project was found to be implementing noise and vibration mitigation measures during construction in compliance with the CNVMP, and relevant conditions of approval. Noise and vibration levels generated, and associated noise and vibration impacts at the time of IA5 were considered to be low, based on the type of activities being conducted, and the distance of the site from the nearest sensitive receivers.
	There had been no known noise or vibration complaints in relation to the site at the time of the audit.
	Potential Environmental Impact: Increased traffic and parking on local roads.
Transport and parking	Proposed Mitigation Measures and/or comment: Sufficient parking is provided within the development for the various uses to ensure that the proposal does not result in a detrimental impact on parking on surrounding streets. The proposal is supported by a detailed Traffic and Parking Assessment which has identified that surrounding intersection performance assessed on SIDRA analysis maintains an acceptable level of performance with good remaining capacity.
	Residual Impact: Low/Medium
	Actual Impacts (IA6 Assessment): The EIS states sufficient parking would be provided in the development, which is not accurate. There was no parking provision within the development footprints for Site 1 or Site 2,



EIS Predicted Impact	Assessment of Actual vs Predicted Impacts
	with the exception of heavy vehicles entering the site for construction purposes. Construction related vehicles were observed to be parked on the street, away from the vicinity of the site (due to booms installed at Sydney Metro parking facilities and paid parking). However, the audit did not identify any issues with transport and parking, or a detrimental impact on parking in the area. No complaints regarding parking are known to have been made in relation to the project.
	Potential Environmental Impact: Potential to encounter asbestos Remediation of contaminated soil. Risk of mishandling of hazardous materials and substances.
Hazardous materials	Proposed Mitigation Measures and/or comment: Should asbestos be encountered then it should be removed by a licensed contractor. Remediation of contaminated soil will be undertaken in accordance with the Remediation Action Plan prepared by El Australia which accompanies this application.
	Residual Impact: Low/Medium
	Actual Impacts (IA6 Assessment): The RAP, dated 16/4/2020 was provided as evidence during the audit, as well as an Additional Groundwater Investigation, dated 1/10/2020. An EPA Site Auditor had been engaged to verify implementation of the RAP, and to provide Interim Advice and Validation. At the time of IA6, a Site Audit Report (SAR) and Site Audit Statement (SAS) had been issued for Site 1 and Site 2. Works are proceeding under the unexpected finds protocol.
	Potential Environmental Impact: Potential generation of off-site transmission of sediment, dust and fine particles affecting water quality.
Sediment and erosion control and	Proposed Mitigation Measures and/or comment: Implementation of a Construction Management Plan including its provisions relating to erosion and sediment control measures.
air quality	Residual Impact: Low
	Actual Impacts (IA6 Assessment): The audit found the construction activities were being conducted in compliance with the mitigation measures in the CEMP and CSWMP, as well as erosion and sediment control related conditions of approval in SSD 10425.



3.2.2 Physical extent of the development

The physical extent of the development in comparison with the approved boundary is assessed by a registered surveyor. Deicorp provided copies of survey plans as evidence during the audit to confirm that all works surveyed are correct to the design documentation and boundary. The Work Zone on Conferta Avenue had been extended by Council and was current at the time of the audit site inspection. No other works were observed outside the project boundary, or other works not known to have been assessed in the EIS.

3.2.3 Incidents, Non-Compliances and Complaints

a. Incidents

There were no environmental incidents reported during the audit period.

b. Non-Compliances

Non-compliances identified during IA6 are summarised in Section 3.1, **Tables 1 & 2**, and Observations in **Table 3**.

There were no Proponent self-reported non-compliances identified during the reporting period.

There were no known notices, orders, penalty notices or prosecutions issued in relation to the consent during the audit period.

c. Complaints

A summary of complaints has been included in the Complaints Register, available on the project website (<u>tallawongvillagecommunityportal.com.au</u>). Deicorp advised that all complaints received during the reporting period were documented in the Complaints Register (which was none at the time of IA6).

3.2.4 Findings and recommendations from previous audit

Evidence of implementation of the recommendations from IA6 has been included in the table below.

CoA#	IA5 Summary of Non-Compliance	IA5 Recommendations / Proposed Action	Evidence of Implementation / Status
Nil			
Summary of Observ	rations SSD 10425 – IA5		
D22	Observation 1: The western edge of the sediment basin had been excavated to increase capacity, exposing underlying soil. Exposed earth in the SE corner of Site 2 is a dust risk.	Recommended Action: Stabilise western edge of the sediment basin and consider further stabilisation of exposed earth areas along the southern boundary of the site.	IA6: Stabilisation around the sediment basin and southern site boundary verified. Status: CLOSED

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CoA#	IA5 Summary of Non-Compliance	IA5 Recommendations / Proposed Action	Evidence of Implementation / Status
		Due Date: ASAP – To be verified during IA6, April 2024	
CEMP, Section 9.4 Air & Dust Management	Observation 2: One small stockpile was located in a disturbed area on Site 2, inbetween Stage 2 and the future Stage 3. Spoil was being generated, stockpiled and reused for stormwater installation. The stockpile was not covered but was in use as described above.	Recommended Action: The stockpile should be kept damp and Deicorp should consider covering the spoil at the end of each day. Due Date: ASAP — To be verified during IA6, April 2024	IA6: Stockpiling arrangements had been redesigned since IA5 and dust suppression observed during the audit was adequate. Status: CLOSED
	Observation 3: Bulldust was present in the exposed SE corner of the site, and along the inner southern boundary.	Recommended Action: Deicorp should consider further stabilisation measures to reduce dust risk in this location. Due Date: ASAP — To be verified during IA6, April 2024	IA6: Stabilisation around the sediment basin and southern site boundary verified. Status: CLOSED

3.2.5 Overview of Environmental Performance

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

Overall, **no Non-Compliances with SSD 10425** were identified (from a total of 78 conditions assessed), and **no Non-Compliances with the CEMP and Sub-Plans** were identified (from a total of 20 mitigation measures assessed). Three observations were raised during the audit and related to improvement opportunities for the management of erosion and sediment controls to improve water quality and reduce dust risk. Issues raised during the last Independent Audit in October 2023 had been closed-out and evidence sighted.

The management of water was an ongoing risk at the site, though evidence of documentation and implementation of appropriate processes was observed during the audit, with evidence of implementation throughout the audit period. The process for dewatering surface water to stormwater from the site continued to be managed by a process of water quality monitoring and

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approvals based on ANZECC water quality guidelines, and a documented dewatering strategy had been prepared.

The management of soil and groundwater contamination under a Remediation Action Plan (RAP) was complete for Site 1 and Site 2, with Site Audit Reports and Site Audit Statements issued by the appointed NSW EPA Site Auditor.

The implementation of controls for all other environmental aspects assessed during the audit were deemed to be adequate and associated environmental risks were relatively low.

Observations raised during the audit are documented in the Independent Audit Table, Attachment 1.

3.3 Adequacy of the CEMP and Sub-Plans

Deicorp manages the environmental performance of the site under the Construction Environmental Management Plan (CEMP) to fulfil the requirements of the development Conditions of Approval (CoA). The CEMP was updated to incorporate Site 2 in May 2022 and includes the following Sub-Plans:

- Air Quality Management Plan (AQMP),
- Construction Noise and Vibration Management Plan (CNVMP),
- Construction Pedestrian and Traffic Management Plan (CPTMP),
- Construction Waste Management Plan (CWMP), and
- Soil and Water Management Plan (SWMP).

The Dewatering Management Plan (DMP) was updated in May 2023, as per IA4 audit recommendation.

A high-level assessment of the adequacy of the CEMP and Sub-Plans was conducted, as well as an assessment of the implementation of these plans. The CEMP and Sub-Plans were prepared by suitably qualified consultants and addressed relevant project requirements, including SSD 10425 Condition of Approval.

The implementation of the CEMP and Sub-Plans was considered to be adequate. Refer Section 3.1 and 3.3 of this audit report for details. Observations raised during the audit are documented in the Independent Audit Table, **Attachment 1**.

4. Audit Conclusions

The outcome of the audit indicated a good effort by the Deicorp project team on achieving compliance with conditions from Parts A and D of SSD 10425, and mitigation measures in the CEMP and Sub-Plans. Overall, **no Non-Compliances with SSD 10425** were identified (from a total of 78 conditions assessed), and **no Non-Compliances with the CEMP and Sub-Plans** were identified (from a total of 20 mitigation measures assessed).

The auditor would like to thank the auditees for their time during the audit.



5. Photographs



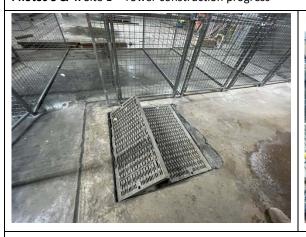


Photos 1 & 2: Site 1 – Work Zone on Conferta Ave and sweeper in use





Photos 3 & 4: Site 1 – Tower construction progress





Photos 5 & 6: Site 1 – Basement carpark groundwater collection point and sediment tank on Ground level with flow meter in place





Photo 7: Site 1 – First flush system for the reuse of greywater in the future retail space





Photos 8 & 9: Hazardous chemical storage in bunded and labelled containers. A spill kit needs to be provided near the diesel storage area



Photo 10: Skip bins available for general and construction waste. No wind-blown litter observed.





Photos 11 - 14: Erosion and sediment controls in place including rumble grid at heavy vehicle access (Photo 1). Sediment fencing installed along the Schofields Road southern boundary, and controls around new stormwater infrastructure (not yet connected) in place. Sediment fence requires repair in one location due to water ingress from Schofields Road.





Photos 15 & 16: Concrete pour underway for the capping beam on Site 2, Stage 2B, 2C & 2E. No dust observed.



Photo 17: Sediment basin set-up in basement excavation for Stage 2B, 2C, 2E. Improvements to sediment basin formation required to comply with the



Photo 18: Sediment tank in place for water testing and treatment prior to discharge to stormwater



Photo 19: Site 2 – Clean-up of discharge point required including replenishment of ballast, removal of redundant pipes and re-establishment of boundary and sediment fencing



Independent Environmental Audit Report

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW

Attachment 1: Independent Audit Table



	Audit Table - Tallawong Station Precinct South Independent Audit 6 (IA6), 19 April 2024				
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status	
PART A ADMI	NISTRATIVE 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.	The findings from this audit	None	Compliant	
Terms of Cons	ent			<u>'</u>	
A2	The development may only be carried out: a) in compliance with the conditions of this consent b) in accordance with all written directions of the Planning Secretary c) in accordance with the EIS, RtS and any RRFI d) in accordance with the approved plans in the table below (except where modified by the conditions of this consent): (See Development Consent, Pages 7-14).	The findings from this audit	None	Compliant	
А3	Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to: a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary; and b) the implementation of any actions or measures contained in any such document referred to in Condition A3(a).	Interview with Auditees	No directions or requests for information from the Planning Secretary during the audit period.	Not triggered	
A4	The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c) or A2(d). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c) or A2(d), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.	• None	None	Not Triggered	



	Audit Table - Tallawong Independent Audit 6			
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
Limits on Cons	sent			
A5	This consent will lapse five years from the date the consent is registered on the NSW planning portal unless the works associated with the development have physically commenced.	Planning Consent SSD 10425	Planning Consent SSD 10425 is dated 20/7/2021 Works physically commenced prior to the date of SSD approval (i.e. 2/9/2021)	Compliant
A6	This consent does not approve the following: (a) the detailed fit out and operation of the retail and commercial premises (b) the installation of signage Where required, separate approvals shall be obtained from the relevant consent authority (except where exempt and/or complying development applies).	• None	None	Not Triggered
Prescribed Co	nditions			
A7	The Applicant must comply with all relevant prescribed conditions of development consent under Part 6, Division 8A of the EP&A Regulation.	• None	As per the findings of this audit	Compliant
PLANNING SE	CRETARY AS MODERATOR			1
A8	In the event of a dispute between the Applicant and a public authority, in relation to an applicable requirement in this approval or relevant matter relating to the Development, either party may refer the matter to the Planning Secretary for resolution. The Planning Secretary's resolution of the matter must be binding on the parties.	Interview with Auditees	No disputes are known to have arisen between the Applicant and a public authority during the audit period.	Not triggered
LEGAL NOTICE	ES			
А9	Any advice or notice to the consent authority must be served on the Planning Secretary.	Interview with Auditees	No legal advice or notices are known to have been served during the project.	Not triggered



EVIDENCE OF	CONSULTATION			
A10	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 information or 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.	The findings from this audit relevant to consultation	Consultation has occurred as required.	Compliant
A11	All new buildings and structures that are part of the development, must be constructed in accordance with the relevant requirements of the BCA. Notes: Under Part 6 of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works. Part 8 of the EP&A Regulation sets out the requirements for the certification of the development.	 City Plan Construction Certificate No. 210348/1, dated 31/8/2021 (CC1) – Stage 1 Early Works City Plan Construction Certificate No. 210348/2, dated 22/12/2021 (CC2) – Stage 1 (Site 1A & 1B) Basement City Plan Construction Certificate No. 210348/3, dated 20/7/2022 (CC3) - Stage 2 Early Works (bulk excavation, shoring & piling) (Sites 2A, 2B, 2C, 2E & 2D) City Plan Construction Certificate No. 201348/4, dated 25/8/2022 (CC4) – Stage 1 Structure City Plan Construction Certificate No. 201348/5, dated 14/10/2022 (CC5) – Stage 1 Façade & Fitout 	Construction Certificates (CCs) issued for the development include various statements of compliance related to the BCA. Stage 2 (Sites 2A & 2D only) of the development commenced early works in August 2022. The first construction certificate for Stage 2 Early Works (CC3) was issued on 20/7/2022. Construction for Stages 1 and 2 of the development were ongoing at the time of this audit IA6. Construction certificates and the CC Register were provided as evidence during the audit. For Site 1, above-ground construction of all five towers was ongoing. For Site 2, above-ground construction of three towers for Stage 2D was ongoing (Building Q, R & S).	Compliant





	updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.			
Monitoring an	d Environmental Audits			
A15	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, noncompliance notification and independent auditing. *Note: For the purposes of this condition, as set out in the EP&A Act, "monitoring" is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development.	• None	See conditions related to monitoring in Part D.	Compliant
COMPLIANCE				
A16	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.	• Letter of Award – Formgroup NSW Pty Ltd (formwork), 9/12/2021	Letter of Award includes reference to scope of works and documents relevant reports and documents. The letter includes reference to the SSD 10425 approval and requirement to comply. It is understood this letter is a standard template issued to all new contractors.	Compliant
Revision of St	rategies, Plans and Programs			
A17	Within three months of: a) the submission of a compliance report under this consent; b) the submission of an incident report under this consent; c) the submission of an Independent Audit under this consent; d) the approval of any modification of the conditions of this consent (excluding modifications made under section 4.55(1) of the EP&A Act); or	 Interview with Auditees Dewatering Management Plan, Rev02 2/5/2023 AECOM AQMP, Rev 2, 13/5/2022 	Plans as listed in the evidence column (and in detail in Section 1.5.2 of the IA6 Audit Report) were updated prior to Independent Audit 3 (IA3) and address requirements, including conditions of approval relevant to Site 2.	Compliant

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	e) the issue of a direction of the Planning Secretary under this consent which requires a review, the strategies, plans and programs required under this consent must be reviewed, and the Department must be notified in writing that a review is being carried out.	 Acoustic Logic CNVMP, Rev 1, 19/7/2021 BRS CEMP, Site 2, 30/5/2022 BRS CPTMP, Site 2, 28/5/2022 Sky Engineering SWMP/ESCP, Site 2 20/5/2022 BRS CWMP, Site 2, 26/5/2022 EI Australia Groundwater Take Assessment, 30/7/2021 	The Dewatering Management Plan was revised during the IA5 audit period based on a recommendation during IA4. The CEMP and Sub-plans were prepared to cover the entire site at the commencement of construction.	
A18	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. 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.	Interview with Auditees	As per A17. DPHI has not made any request for updates to management plans during the audit period.	Compliant
A19	Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Requirements outlined in the Compliance Reporting Post Approval Requirements (2020).			
A20	Compliance Reports must be submitted to the Department in accordance with the timeframes set out in the Compliance Reporting Post Approval Requirements (2020), unless otherwise agreed to by the Planning Secretary.	DPHI Compliance Reporting Post Approval Requirements-2020	It is understood there is no requirement for compliance reporting for the project during Construction (or Pre-Construction) in accordance with	Not triggered
A21	The Applicant must make each Compliance Report publicly available 60 days after submitting it to the Planning Secretary, unless otherwise agreed by the Planning Secretary.	nequirements-2020	DPHI's Compliance Reporting Post Approval Requirements (2020).	
A22	Notwithstanding the requirements of the Compliance Reporting Post Approval Requirements (2020), the Planning Secretary may approve a			



INDEPENDEN	request for ongoing annual operational compliance reports to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that an operational compliance report has demonstrated operational compliance. IT ENVIRONMENTAL AUDIT			
A23	Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020).	DPHI Independent Audit Post Approval Requirements, 2020 DPHI Letter RE: Independent Audit Report No. 5, dated 23/11/2023 This audit (IA6 SSD 10425, dated 19/4/2024)	This audit (IA6 SSD 10425, dated 19/4/2024) is being conducted in accordance with the Independent Audit Post Approval Requirements (2020). Audits have generally been conducted at 26 week intervals throughout the project: IA1 – 6/10/2021 IA2 – 20/4/2022 IA3 – 7/10/2022 IA4 – 4/4/2023 IA5 – 24/10/2023 IA6 – 19/4/2024	Compliant
A24	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.	 DPHI Appointment of Experts, SSD 10425, dated 26/3/2024 Auditor Declaration of Independence Form, SSD 10425, dated 15/3/2024 	DPHI Letter approves the appointment (Ms Josephine Heltborg, Principal Environmental Consultant) to prepare the Independent Environmental Audit in accordance with Schedule 2, Condition A24 of SSD 10425 and the IAPARs.	Compliant
A25	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified above, upon giving at least 4 weeks' notice (or timing) to the Applicant of the date upon which the audit must be commenced.	• None	None	Not triggered
A26	In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Applicant must: (a) review and respond to each Independent Audit Report prepared under this consent; (b) submit the response to the Planning Secretary; and	 This audit (IA6 SSD 10425, dated 19/4/2024) Independent Audit Report IA5 SSD 10425, dated 24/10/2023 	This audit (IA6 SSD 10425, dated 19/4/2024) is being conducted in accordance with the Independent Audit Post Approval Requirements, 2020.	Compliant

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	(c) make each Independent Audit Report, and response to it, publicly available 60 days after submission to the Planning Secretary.	Submission of IA5 to DPHI (compliance@planning.ns w.gov.au), dated 2/11/2023 DPHI Letter RE: Independent Audit Report No. 5, dated 23/11/2023 Project website (tallawongvillagecommunityportal.com.au)	The IA5 Audit Report, and Proponent's response was submitted to DPHI via the Planning Portal (compliance@planning.nsw.gov.au), dated 2/11/2023. DPHI responded to the IA5 submission in a letter, dated 23/11/2023, requesting that future Proponent responses include proposed timings for the actions to be implemented. The IA5 Audit Report, and Deicorp's response was available on the project website at the time of IA5: tallawongvillagecommunityportal.com .au	
A27	Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approvals Requirements (2020) unless otherwise agreed by the Planning Secretary.	 Independent Audit Report IA5 SSD 10425, dated 24/10/2023 Submission of IA5 to DPHI (compliance@planning.ns w.gov.au), dated 2/11/2023 	This audit (IA6 SSD 10425, dated 19/4/2024) is being conducted in accordance with the Independent Audit Post Approval Requirements, 2020. The IA5 Audit Report and the Applicant's response to audit findings was submitted to DPHI via the Planning Portal (compliance@planning.nsw.gov.au), dated 2/11/2023, within 2 months of the audit site inspection.	Compliant
A28	Notwithstanding the requirements of the Independent Audit Post Approvals Requirements (2020), the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.	• None	None	Not triggered



REMEDIATION – REMEDIAL ACTION PLAN				
A29	The Applicant must remediate the site in accordance with the specifications and requirements detailed in the Remedial Action Plan prepared by El Australia, dated 16 April 2020 (ref: E24445.E06_Rev1) and relevant guidelines produced or approved under the Contaminated Land Management Act 1997. Remediation works must be undertaken by a suitably qualified and experienced consultant(s).	Remedial Action Plan prepared by El Australia, dated 16 April 2020 (ref: E24445.E06_Rev1) El Australia Engagement Letter, dated 23/07/2021 Interview with Auditees Site Audit Statement, Site 1, 7 July 2022, Tim Chambers, Phreatic Consulting EPA Site Auditor Interim Advice (21023 IA6 Clearance Certificate for Stage 2 Lot 293 in DP 1213279), Phreatic Consulting 10/2/2023 Eiaustralia (01.2.2023) Validation Report, Tallawong Station Precinct South, Rouse Hill NSW — Site 2. Reference E24445.E07.2_Rev0 NSW EPA Site Audit Statement TNC171-2, Phreatic Consulting, dated 18/12/2023 Phreatic Consulting, dated 18/12/2023 Phreatic Consulting Contaminated Site Audit Report Tallawong Station South Precinct — Stage 2 Lot 293 DP 1213279, 18/12/2023	Remediation of Site 1 was complete and a Site Audit Statement (SAS TNC171-1) issued in July 2022. Tim Chalmers of Phreatic Consulting is engaged as the NSW EPA Site Auditor, and El Australia managed the remediation works for Site 2. El Australia Engagement Letter states El Australia is a suitably qualified contaminated land environmental consultant. Remediation of Site 2 is addressed in the overarching Remedial Action Plan (RAP) and Detailed Site Investigation (DSI) for the development. Remediation involved predominantly the removal and validation of shallow soil impact (asbestos). NB: Verification of compliance with the RAP is managed by the EPA Site Auditor and is outside the scope of this audit. Remediation of Site 2 was complete at the time of IA6, and a Site Audit Statement (SAS TNC171-2) was issued on 18/12/2023. The SAS confirms the site is suitable for the following uses: Commercial/industrial Mixed use development in accordance with SSD 10425 It is noted that no groundwater impact was identified at Site 2.	Compliant



PLANNING A	GREEMENT			
A30	Any relevant obligation required to be performed by the applicant under the Planning Agreement-Village Green Land at Tallawong Station Precinct South executed on 6 May 2021 between Blacktown City Council and Deicorp Projects (Tallawong Station) Pty Ltd, must be completed prior to the issue of an Occupation Certificate.	Planning Agreement – Village Green Land at Tallawong Station Precinct South, Addisons, dated 06/05/2021 Interview with Auditees	Voluntary Planning Agreement (VPA) signed by Blacktown City Council, dated 06/05/2021 sighted. VPA requirements to be met prior to issue of the OC, when public are given access to the park on Site 1. NB: Verification of compliance with requirements of the VPA are outside the scope of this audit.	Not triggered
REGISTRATIO	ON OF EASEMENTS AND COVENANTS – PUBLIC ACCESS		•	•
A31	Easements under section 88A and/or restrictions or public positive covenants under section 88E of the <i>Conveyancing Act 1919</i> naming Blacktown City Council as the prescribed authority, which can only be revoked, varied or modified with the consent of Blacktown City Council, and which provides for public use and access to parks, plazas and paths that are identified to be privately owned lands with public easements under Concept Development Approval SSD 9063 as modified, must be registered on title prior to occupation or issue of subdivision certificate, whichever is earlier.	Interview with Auditees	Subdivision works including the registration of easements and covenants are understood to relate to Site 2 only. As-built survey easement to be lodged after easements are constructed (OC requirement). Auditees advised the registration of stormwater easements etc. will be part of future works and was not relevant at the time of IA6.	Not triggered
PART D – D	URING CONSTRUCTION			
APPROVED P	PLANS TO BE ON-SITE			
D1	A copy of the approved and certified plans, specifications and documents incorporating conditions of approval and certification must be kept on the Site at all times and must be readily available for inspection by any officer of the Department, Council or the Certifier.	• Site inspection 19/4/2024	Copies of approved plans were available for review on site in the project office.	Compliant
SITE NOTICE				
D2	A site notice(s) shall be prominently displayed at the boundaries of the site for the purposes of informing the public of project details including, but not limited to the details of the Builder, Certifier and Structural Engineer. The notice(s) is to satisfy all but not be limited to, the following requirements:	• Site inspection 19/4/2024	Site Notices were displayed at the access points to Site 1 and Site 2. (a) Site Notices were larger than minimum size (b) Site Notices were made from weatherproof material	Compliant



	(a) minimum dimensions of the notice are to measure 841 mm x 594 mm (A1) with any text on the notice to be a minimum of 30-point type size; (b) the notice is to be durable and weatherproof and is to be displayed throughout the works period; (c) the approved hours of work, the name of the site/project manager, the responsible managing company (if any), its address and 24-hour contact phone number for any inquiries, including construction/noise complaint are to be displayed on the site notice; and (d) the notice(s) is to be mounted at eye level on the perimeter hoardings/fencing and is to state that unauthorised entry to the site is not permitted.		(c) The following details were included on the Site Notice: Approved work hours, name of Project Manager, name, address & mobile number of Builder (managing company) (d) Notices were at eye level on hoardings at both site entrances. Additional signage 'Construction Site, Unauthorised Persons Keep Out' also displayed.	
Hours of Cons	struction			
D3	Construction, including the delivery of materials to and from the site, may only be carried out between the following hours: (a) between 7am and 6pm, Mondays to Fridays inclusive; and (b) between 8am and 1pm, Saturdays.	Interview with AuditeesCEMP & CNVMP	Deicorp advised works are only conducted during standard working hours, as documented in the CEMP & CNVMP, and displayed on the Site Notice. No complaints about out of hours work (OOHW) are known to have been received in relation to the project.	Compliant
D4	No work may be carried out on Sundays or public holidays.	Interview withAuditeesCEMP & CNVMP	Deicorp advised no works have occurred on Sundays or public holidays. No OOHW have reportedly been required or undertaken.	Compliant
D5	Activities may be undertaken outside of these hours if required: (a) by the Police or a public authority for the delivery of vehicles, plant or materials; or (b) in an emergency to avoid the loss of life, damage to property or to prevent environmental harm.	Interview with AuditeesCEMP & CNVMP	No emergencies have reportedly occurred during the project, that may require OOHW.	Not Triggered
D6	Notification of such activities must be given to affected residents before undertaking the activities or as soon as is practical afterwards.	Interview with Auditees	No OOHW are known to have been undertaken.	Not Triggered
D7	Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours: (a) 9am to 12pm, Monday to Friday;	Interview with AuditeesCEMP & CNVMP	The requirements of D7 are documented in the CEMP & CNVMP.	Compliant



	(b) 2pm to 5pm Monday to Friday; and (c) 9am to 12pm, Saturday.	• Site inspection 19/4/2024	The CNVMP was updated to incorporate Site 2, dated May 2022. There was minimal excavation and no rock breaking, hammering etc. conducted during the IA6 audit period. Excavation of 1-2m of fill from Site 2, Stage 2B, 2C & 2E commenced on 15/3/2024. Auditees indicated shale was predicted to be encountered at about 5-7m bgl, and would be ripped rather than hammered. The Deicorp Construction Manager indicated he was aware of the respite periods and requirements in Condition D7 around the timing of noise intensive works. All construction works observed during the inspection were confined within the site boundary. No complaints are known to have been received in relation to noise	
			from the project to date. The nearest sensitive receivers are located to the south of Site 2 in Zone R2 on Schofields Road, and east of the site on Cudgegong Road.	
INCIDENT NOT	IFICATION, REPORTING AND RESPONSE			
D8	The Department must be notified in writing to compliance@planning.nsw.gov.au immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident.	Interview withAuditeesCEMP & CNVMP	No environmental incidents are known to have occurred during the project. Procedures for dealing with an environmental incident are included in the CEMP.	Not Triggered
D9	Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix 1.	Interview with Auditees	As per D8	Not Triggered



NON-COMPLIANCE NOTIFICATION				
D10	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 Certifier must also notify the Department in writing to compliance@planning.nsw.gov.au within seven days after they identify any non-compliance.	Interview with AuditeesCEMP & CNVMP	No non-compliances are known to have occurred during the project (other than those raised during Independent Audits, which have been notified to DPHI with submission of each Audit Report). Procedures for dealing with an environmental incident are documented in the CEMP.	Not Triggered
D11	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 noncompliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.	Interview with Auditees	As per D10	Not Triggered
D12	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	• NA	Noted	Not Triggered
SAFEWORK R	EQUIREMENTS	•		
D13	To protect the safety of work personnel and the public, the work site must be adequately secured to prevent access by unauthorised personnel, and work must be conducted at all times in accordance with relevant SafeWork requirements.	 Site Management Plan Site inspection 19/4/2024 Interview with Auditees 	The Site Management Plan shows the extent of hoarding around the whole site, with gates and padlocks installed. Security arrangements were confirmed with the Site Manager who confirmed CCTV has been installed at both sites, with cameras monitored from the site office. CCTV is also in place for public car parking to the west of the site.	Compliant
IMPLEMENTA	TION OF MANAGEMENT PLANS			
D14	The Applicant must ensure the requirements of the Construction Environmental Management Plan, Construction Pedestrian Traffic Management Plan, Construction Noise and Vibration Management Sub-Plan, Air Quality Management Plan and Construction Waste Management Plan required by this consent are implemented during construction.	N/A	As per later section of the audit on CEMP & Sub Plan compliance.	Compliant



CONSTRUCTION	ON NOISE LIMITS			
D15	The development must be constructed to achieve the construction noise management levels detailed in the Interim Construction Noise Guideline (DECC, 2009). All feasible and reasonable noise mitigation measures must be implemented and any activities that could exceed the construction noise management levels must be identified and managed in accordance with the management and mitigation measures identified in the approved CNVMP.	CNVMPSite inspection19/4/2024	The CNVMP sets out mitigation measures to be implemented to achieve the construction noise management levels detailed in the Interim Construction Noise Guideline (DECC, 2009). The implementation of selected CNVMP mitigation measures has been assessed in a later section of this audit.	Compliant
D16	The Applicant must ensure construction vehicles (including concrete agitator trucks) do not arrive at the subject site or surrounding residential precincts outside of the construction hours of work outlined under this consent.	CNVMP Interview with Auditees	There has been no known instance of deliveries, including concrete trucks, arriving out of hours during the project. The requirement to meet D16 has been included in the CNVMP.	Compliant
D17	The Applicant must implement, where practicable and without compromising the safety of construction staff or members of the public, the use audible movement alarms of a type that would minimise noise impacts on surrounding noise sensitive receivers.	Australian Piling Plant Pre-Start form	Plant Pre-Start checks include the verification of reversing travel alarms. The Site Manager indicated reversing quackers were a requirement for all plant and equipment where relevant.	Compliant
D18	The Applicant must ensure that any work generating high noise impact (i.e. work exceeding a NML of LAeq 75dBA) as measured at the sensitive receiver must only be undertaken in continuous blocks of no more than 3 hours, with at least a 1 hour respite between each block of work generating high noise impact, where the location of the work is likely to impact the same receivers. For the purposes of this condition 'continuous' includes any period during which there is less than one hour respite between ceasing and recommencing any of the work the subject of this condition.	Acoustic Logic CNVMP Interview with Auditees	The highest noise impact predicted for Site 2 in the CNVMP is jack hammering, predicted to reach levels of 66-80dB(A) at the Switching Station and 66-77dB(A) at Residential Zone R2 (south of Site 2 on Schofields Road), and rock hammering, predicted at 66-77dB(A) at Residential Zone R2. Another sensitive receiver is located on the opposite side of Cudgegong Road.	Compliant

			The CNVMP does not identify any other activities that would exceed an NML of LAeq 75dBA. The Deicorp Construction Manager indicated he was aware of the respite periods and requirements in D7 around the timing of noise intensive works. No complaints are known to have been made in relation to noise for the project to date. No offensive noise is known to have	
D19	Any noise generated during construction of the development must not be offensive noise within the meaning of the <i>Protection of the Environment Operations Act 1997</i> or exceed approved noise limits for the site.	Acoustic Logic CNVMPInterview withAuditees	occurred on site to date, and no noise complaints are known to have been made. See also D18.	Compliant
VIBRATION CR	ITERIA			
D20	Vibration caused by construction at any residence or structure outside the Site must be limited to: (a) for structural damage, the latest version of DIN 4150-3 (1992-02) Structural vibration - Effects of vibration on structures (German Institute for Standardisation, 1999); (b) for human exposure to vibration, the evaluation criteria set out in the Environmental Noise Management Assessing Vibration: A Technical Guideline (Department of Environment and Conservation, 2006) (as may be updated or replaced from time to time).	 Acoustic Logic CNVMP Interview with Auditees Site inspection 19/4/2024 Acoustic Logic Vibration Monitoring Reports (Site 2): Report 1, 9/11/22-24/11/22 Report 2, 25/11/22-8/12/22 Report 4, 14/1/23-27/1/23 Report 5, 28/1/23-3/3/23 Email from Acoustic Logic, dated 3/05/2022 	In the CNVMP, the requirement for vibration monitoring is triggered during rock hammering. The Stage 2A basement excavation was mostly complete in ~March 2023. Previous vibration monitoring was conducted by Acoustic Logic in accordance with the document entitled 'Monitoring Plan for Sydney Water' prepared by EI Australia (ref: E24445.G10, dated 17/09/2021) during demolition and excavation for the protection of Sydney Water assets on Site 1. The CNVMP was updated in May 2022 for Site 2 and requires vibration monitoring during rock hammering. Vibration monitoring was conducted	Not triggered

			measured at ground level at the NE corner (Cudgegong Road) and southern boundary (Schofields Road) of the site. Monitoring reports concluded vibration levels were satisfactory and exceedances, where they occurred, and were attributed by external sources, i.e. not related to the project works. There has been no requirement for vibration monitoring in the IA6 audit period (i.e. no rock hammering). There is unlikely to be any rock hammering for the remainder of the project.	
D21	Vibratory compactors must not be used closer than 30 metres from residential or heritage buildings unless vibration monitoring confirms compliance with the vibration criteria specified above. These limits apply unless otherwise outlined in the project specific CNVMP required by this consent.	Acoustic Logic CNVMPInterview with Auditees	Vibratory compactors are not known to have been used on the site to date. Site 2 is more than 30m from the Sydney Metro station box. The southern boundary of Site 2 may be within 30m of residences located along Schofields Road. There is no plan for the use of vibratory compactors.	Not triggered
AIR QUALITY				
D22	The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent. During construction, the Applicant must ensure that: (a) exposed surfaces and stockpiles are suppressed by regular watering; (b) all trucks entering or leaving the site with loads have their loads covered;	 AQMP Site Inspection, 19/4/2024 Interview with Auditees 	(a) Dust was not identified as an issue at the time of inspection on 19/4/2024. Clay content within the soil assisted in reducing dust levels, as well as a small amount of rain the night prior to the inspection. Activities at the time of the audit site inspection	Compliant



	(c) trucks associated with the development do not track dirt onto the		were limited to piling and concrete	
	public road network;		pour of the capping beam, limiting the	
	(d) public roads used by these trucks are kept clean; and		potential for ground disturbance.	
	(e) land stabilisation works are carried out progressively on site to		(b) There was no spoil load-out at the	
	minimise exposed surfaces.		time of inspection. Deicorp advised	
			spoil trucks with covered loads were	
			utilised.	
			(c) There was minimal evidence of	
			tracking onto Conferta Ave from	
			Site 2. Rumble grids were in place at	
			both Site 2 accesses and were well	
			maintained.	
			(d) Roadways were clean on Conferta	
			Ave at both site access points. A street	
			sweeper was observed running along	
			Conferta Ave at the time of the	
			inspection.	
			Observation 1: The street sweeper	
			turned around at the western end of	
			the project boundary (near the	
			commuter car park). Tracking was	
			evident on the road beyond this point,	
			and up to the intersection with	
			Tallawong Road.	
			Recommendation: The street sweeper	
			should attend the entire length of	
			Conferta Ave to effectively clean	
			tracked material from the road.	
			(e) Exposed surfaces were minimised	
			and limited to the current excavation	
			for Site 2 Stage 2B, 2C & 2E.	
Erosion and Se	diment Control			
	All erosion and sediment control measures must be effectively	- Cail and Maken	On Site 2, basement excavation for 2B,	
D22	implemented and maintained at or above design capacity for the	Soil and Water	2C & 2E had commenced on	Commissions
D23	duration of the construction works and until such time as all ground	Management Plan, CEMP	15/3/2024. Tower construction was	Compliant
	disturbed by the works have been stabilised and rehabilitated so that	Appendix C	ongoing for 2A and 2D.	



it no longer acts as a source of sediment. Erosion and sediment	Site Inspection,	The site slopes from west to east
control techniques, as a minimum, are to be in accordance with the	19/4/2024	along the southern site boundary on
publication Managing Urban Stormwater: Soils & Construction (4th	Interview with	Schofields Road. Existing stormwater
edition, Landcom, 2004) commonly referred to as the 'Blue Book'.	Auditees	pits inside the site were capped off to
cultion, Landcom, 2004, commonly referred to as the blue book.	Additees	prevent water ingress during
		construction (as required by Council).
		Shotcrete had been applied to batters
		inside the northern site hoarding. A
		sediment fence was in place along the
		inside of the southern boundary fence
		·
		and was well maintained.
		Water from across the site, including
		from basement excavations was
		pumped to a sediment basin in the SE
		corner of the site. The water is
		pumped from the basin to an adjacent
		sediment settling tank, where water
		quality is monitored prior to approval
		and discharge via the flowmeter to
		stormwater.
		Localised ERSED controls were in place
		along Conferta Ave including coir logs
		and geofabric drain protection.
		Observation 2: Controls at the
		discharge point and around the
		stormwater inlet outside the site
		hoarding required improvement to
		further filter discharged water prior to
		entry to stormwater.
		Recommendation: Repair ERSED
		controls around the treated water
		discharge point.
		Observation 3: Sediment fencing had
		come away at one location along the
		Schofields Road boundary fence

DISPOSAL OF	SEEPAGE AND STORMWATER		(caused by water ingress to site) – to be mended. Recommendation: Repair compromised sediment fencing along the Schofields Road boundary. Refer to Condition D25 for water quality monitoring records for the pump-out of water from the sediment tanks.	
D24	Any seepage or rainwater collected on-site during construction or groundwater must not be pumped to the street stormwater system unless separate prior approval is given in writing by the EPA in accordance with the <i>Protection of the Environment Operations Act</i> 1997.	 Dewatering Management Plan, Rev02 2/5/2023 Site inspection 19/4/2024 Interview with Auditees NRAR Letter to El Australia, dated 24/9/2021 Email from NRAR, dated 8/10/2021 	The discharge of water has been addressed in the Dewatering Management Plan, approved by NRAR. Email from NRAR, dated 8/10/2021 states Condition D24 has been met as outlined in their letter, dated 24/9/2021. (It is noted that NRAR's letter, dated 24/9/2021 does not refer to Condition D24). This condition has been assessed as compliant based on NRAR's letter, dated 8/10/2021 confirming compliance with D24. El Australia has been engaged by Deicorp to manage the discharge of seepage and rainwater from the site (dewatering). Refer to commentary for D25 and D26.	Compliant
D25	Adequate provisions must be made to collect and discharge site stormwater to council stormwater drainage during construction of the development. Prior written approval of Council must be obtained to connect or discharge site stormwater to Council's stormwater drainage system or street gutter.	 Dewatering Management Plan, Rev02 2/5/2023 Email from Blacktown Council, RE: Stormwater Discharge, dated 24/8/2021 	The Dewatering Management Plan was provided to Council for review, dated 24/8/2021. Email from Deicorp also requests "In relation to DA Condition D26 of SSD 10425, Deicorp has been seeking council approval for the discharge of ground water into the	Compliant

Email submission of	council drainage system since 27th
Dewatering Management	July 2021".
Plan to Council, 24/8/2021	Council email, dated 24/8/2021 states
Site inspection	any discharge would be at Deicorp's
19/4/2024	own risk. Council states if decision is
Interview with	made to pump treated water to the
Auditees	stormwater system, "it is to comply
• E24445.E09.012 Rev0	with the "blue book" - Managing
- Dewatering Summary	urban stormwater: soils and
Letter, 9/11/2022	construction, as well as demonstrating
El Emails RE: Water	the discharged water complies with
quality monitoring, Site 1,	ANZECC water quality guidelines then
dated 11/10/2023	the discharge will not be challenged by
(DW36), 8/11/2023	Council on the basis that the discharge
(DW37), 15/1/2024	will have 'no environmental impact'".
(DW38), 1/3/2024	At the time of IA6, water from Site 1
(DW39), 5/4/2024	was being collected in a settling tank
(DW40), 16/4/2024	located inside the site hoarding.
(DW41)	Compliance with ANZG (2018)
 Table T1 – Dewatering 	discharge criteria is assessed; El
Analytical Results – Site 1	Australia has been engaged since IA2
(22/2/2022-16/4/2024)	to manage the process.
El Emails RE: Water	The following general process was
quality monitoring, Site 2,	applied: preliminary water sample
dated 11/10/2023	collected by EI and results issued by
(DW25), 16/1/2024	email – advice either that water is
(DW26), 1/3/2024	suitable for discharge (with
(DW27), 5/4/2024 (DW28)	comparisons to ANZG (2018) Fresh
 Table T1 – Dewatering 	water, ANZG (2018) Marine, and
Analytical Results – Site 2	ANZECC (2000) / NHMRC (2011)
(14/10/2022-16/4/2024)	Recreational criteria), or that water
• E24445.E09.013_Rev0	was unsuitable for discharge and
- Summary Letter of	further treatment and testing would
Groundwater Extraction -	be required.
Site 1 & Site 2, dated	Runoff from across the site, and from
14/4/2023	basement excavations is collected in a



• E24445.E09.013 Rev1	sediment basin in the SE corner of Site
- Summary Letter of	2. From there the water is pumped to
Groundwater Extraction -	a settling tank, with final discharge to
Site 1 & Site 2, dated	stormwater on the corner of
27/10/2023	Cudgegong and Schofields Road.
Water discharge	Flow meters remained in place at both
records / Pump and	Site 1 & 2 discharge points to estimate
approval register, Site 1 &	the volume of water pumped from
2, dated 26/10/2023	site.
 Morasey Email to 	On 27/10/2023, El Australia provided
Deicorp, 26/4/2024 RE:	a summary of groundwater extraction
Elevated WQ analytes	during basement construction at Site 1
1/3/2024 & selection of	and Site 2 Tallawong Station Precinct
discharge criteria	South, Rouse Hill NSW. The letter
EIA Email response RE:	states that "Based on the above
Tallawong (Site 2)	information provided by the client, the
Dewatering Procedure,	accumulated volume of extracted
dated 2/5/2024	groundwater during the period of
	November 2022 to October 2023
	(approximately 12 months) was
	2.88ML for Site 1 and 1.3ML for Site 2.
	The volumes were all below 3ML
	therefore Water Access Licence (WAL)
	is not required".
	*It is noted by the Auditor that the
	above volumes are total volumes and
	do not represent groundwater
	exclusively. Therefore actual
	groundwater take volumes would be
	significantly less than reported.
	At the time of IA6, a register of water
	discharge records (Pump & Approval
	Register) for Site 1 & 2 was provided
	and included a summary of discharge
	testing to 26/10/2023. The register
	records the flow meter reading, Date

D26	A separate written approval from Council is required to be obtained in relation to any proposed discharge of groundwater into Council's drainage system external to the site, in accordance with the requirements of section 138 of the <i>Roads Act 1993</i> .	 Dewatering Management Plan, Rev02 2/5/2023 El Letter RE: Response on the Dewatering at Site 1 Tallawong Station Precinct South, Rouse Hill NSW, dated 21/4/2022 	during this audit. As per El Letter, dated 21/4/2022: "Based on information provided by the client and multiple El site inspections during excavation, groundwater dewatering has not been required during excavation and construction of the basement. Seepage of groundwater through the bedding planes of the residual clay and shale	Compliant
			approval to discharge (El Australa), and Date water was discharged. Copies of water quality testing reports for Site 1 and Site 2 were also provided for review during the audit period. Metals (Al, Cr, Cu & Zn) were commonly elevated, which has been the trend throughout the project, but the water was deemed suitable for discharge. Site 2 testing on 1/3/2024 (DW27) identified exceedances (Metals, TDS, pH & Turbidity) deeming the water unsuitable for discharge. Auditees advised the water was pumped back to the sediment basin to undergo a further round of treatment prior to discharge. NB: It is noted that EIA has been engaged by Deicorp to manage the dewatering process. The decisionmaking process around whether the water is a suitable quality to discharge is the responsibility of Deicorp and EIA and has not been further investigated	
			of water quality testing, Date of approval to discharge (El Australa),	

 Email from Blacktown Council, RE: Stormwater Discharge, dated 24/8/2021 Email submission of Dewatering Management Plan to Council, 24/8/2021 Plan to Council, 24/8/2021 into the basement has been minor. The clay and shale material within the basement has been observed to be dry". The Dewatering Management Plan was provided to Council for review, dated 24/8/2021. Email from Deicorgalso requests "In relation to DA Condition D26 of SSD 10425, Deicorp 	
Discharge, dated 24/8/2021 • Email submission of Dewatering Management Plan to Council, 24/8/2021 basement has been observed to be dry". The Dewatering Management was provided to Council for review, dated 24/8/2021. Email from Deicorgalso requests "In relation to DA"	
24/8/2021 dry". • Email submission of Dewatering Management Plan was provided to Council for review, dated 24/8/2021. Email from Deicorgalso requests "In relation to DA"	0
● Email submission of Dewatering Management Plan was provided to Council for review, dated 24/8/2021. Email from Deicorg also requests "In relation to DA"	0
Dewatering Management Plan to Council, 24/8/2021 was provided to Council for review, dated 24/8/2021. Email from Deicorg also requests "In relation to DA	0
Plan to Council, 24/8/2021 dated 24/8/2021. Email from Deicorgalso requests "In relation to DA)
also requests "In relation to DA)
Condition D26 of SSD 10425. Deicorn	
has been seeking council approval for	
the discharge of ground water into the	ne
council drainage system since 27th	
July 2021".	
Council email, dated 24/8/2021 state	es es
any discharge would be at Deicorp's	
own risk. Council states if decision is	
made to pump treated water to the	
stormwater system, "it is to comply	
with the "blue book" - Managing	
urban stormwater: soils and	
construction, as well as demonstratin	ng
the discharged water complies with	
ANZECC water quality guidelines the	1
the discharge will not be challenged	
Council on the basis that the discharge	,
will have 'no environmental impact'"	
The discharge of construction water	
from the site is being managed in	
accordance with the process outlined	,
as evidence for Condition D25.	, , , , , , , , , , , , , , , , , , ,
REMEDIATION – ASBESTOS	
The Applicant must ensure that any asbestos encountered is • El Australia RAP, dated El Australia has been engaged by	
monitored, handled, transported and disposed of by appropriately 16/4/2020 Deicorp to manage the site	
D27 qualified and licensed contractors in accordance with the • Phreatic Consulting, remediation and associated waste	Compliant
requirements of SafeWork NSW and relevant guidelines, including: Contaminated Site Audit management requirements.	
(a) Work Health and Safety Regulation 2017; Report, Tallawong Station Compliance with Condition D27 for	

	(b) SafeWork NSW Code of Practice – How to Manage and Control Asbestos in the Workplace September 2016; (c) SafeWork NSW Code of Practice – How to Safely Remove Asbestos September 2016; and (d) Protection of the Environment Operations (Waste) Regulation 2014.	South Precinct – Stage 1, 21/6/2022 NSW EPA Site Audit Statement, Stage 1, 7/7/2022 NSW EPA Site Audit Statement TNC171-2, Phreatic Consulting, dated 18/12/2023 ElAustralia (01.02.2023) Validation Report, Tallawong Station Precinct South, Rouse Hill NSW – Site 2. Reference E24445.E07.2_Rev0 Phreatic Consulting Contaminated Site Audit Report Tallawong Station South Precinct – Stage 2 Lot 293 DP 1213279, 18/12/2023	Site 1 was addressed in previous audits – refer IA2 & IA3 Audit Reports. Earthworx was engaged as the asbestos removalist and transporter for Site 2. Tim Chalmers of Phreatic Consulting is engaged as the NSW EPA Site Auditor, and EI Australia managed the remediation works for Site 2. Remediation of Site 2 was complete at the time of IA6, and a Site Audit Report (SAR) and Site Audit Statement (SAS TNC171-2) was issued on 18/12/2023. The SAS confirms the site is suitable for the following uses: Commercial/industrial Mixed use development in accordance with SSD 10425 There were no unexpected finds of
			contamination during the IA6 audit period.
CONSTRUCTIO	ON TRAFFIC		
D28	All construction vehicles are to be contained wholly within the Site, except if located in an approved on-street work zone, and vehicles must enter the Site before stopping.	Site Inspection, 19/4/2024 Interview with Auditees Construction Pedestrian Traffic Management Plan (CPTMP), Site 2, Barker Ryan Stewart, 28/5/2022 Construction Pedestrian Traffic Management Plan Management Plan	All construction vehicles were contained within the site during the site inspection. Concrete pumping was underway for the capping beam surrounding the basement excavation on Site 2. Blacktown Council email, dated 25/3/2024 confirms ongoing use of the Works Zone on Conferta Avenue (Application RDA-22-01335), from 30/3/2024-30/4/2024.

		(CPTMP), Public Domain, Barker Ryan Stewart, 15/9/2022 Blacktown Council Works Zone Approval email (Application RDA-22- 01335), dated 8/9/2022 Email from Blacktown Council to Deicorp RE: Work Zone application RDA-22-01335 - 2-12 Conferta Ave, Tallawong, dated 25/3/2024	The Tallawong CPTMP, Section 4.5 states traffic controllers are required to "stop pedestrian movements briefly across Conferta Avenue between Aristada Street and Tallawong Road while heavy vehicles are exiting the site along Conferta Avenue". During the inspection traffic controllers were directing pedestrians across Conferta Avenue, though it is noted pedestrians were not generally using Conferta Ave but walking from the Metro car park to Themeda Avenue. Table 4.1 of the CPTMP states: "It is proposed to close the section of Conferta Avenue across the frontage of the site to reduce conflicts between construction vehicles and pedestrians. Pedestrians will also be protected by temporary construction fencing and barriers as required". While traffic control was in place during IA6, there were no barriers or fencing in place for the safety of pedestrians. Deicorp advised pedestrians avoid the area and generally walk from the commuter car park through to Tallawong Station along the outside of the western boundary of the site
			Tallawong Station along the outside of the western boundary of the site, which is not affected by construction
ROAD OCCUPA	ANCY LICENCE		activities.
D29	A Road Occupancy Licence must be obtained from the relevant transport authority for any works that impact on traffic flows during construction activities.	• Interview with Auditees	At the time of site inspection traffic management was in place with both lanes open on Conferta Avenue.



			No ROLs are known to have been required during the audit period.	
NO OBSTRUC	CTION OF PUBLIC WAY			
D30	The public way must not be obstructed by any materials, vehicles, refuse skips or the like, under any circumstances. Non-compliance with this requirement will result in the issue of a notice by the Planning Secretary to stop all work on site.	 Site Inspection, 19/4/2024 Construction Pedestrian Traffic Management Plan (CPTMP), Site 2, Barker Ryan Stewart, 28/5/2022 	The public way was clear with no obstructions observed during the site inspection.	Compliant
CONTACT TE	LEPHONE NUMBER			
D31	The Applicant shall ensure that the 24-hour contact telephone number is continually attended by a person with authority over the works for the duration of the development.	Site Inspection,19/4/2024Interview withAuditees	24-hour contact number is on Site Notice. See D2.	Compliant
Covering of L	oads			
D32	All vehicles involved in the excavation and / or demolition process and departing from the property with materials, spoil or loose matter must have their loads fully covered before entering the public roadway.	Site Inspection,19/4/2024Interview withAuditees	Requirement to cover loads is documented in the CEMP. There was no spoil load-out at the time of the audit.	Compliant
Vehicle Clear	nsing			ı
D33	Prior to the commencement of work, suitable measures are to be implemented to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the Site. It is an offence to allow, permit or cause materials to pollute or be placed in a position from which they may pollute waters.	AT&L (Structural Engineers) Letter RE: 1-15 AND 2-12 CONFERTA AVENUE, ROUSE HILL – SSD 10425 STAGE 2 –CIVIL DESIGN CERTIFICATE D34bc, dated 30/10/2023 Site Inspection, 19/4/2024 Interview with Auditees	AT&L from (Structural Engineers), dated 30/10/2023 notes that: "Blacktown City Council Stormwater Approval for Condition B33 dated 21st June 2023 the WSUD Treatment Train has been amended to suit the DA Approval". Rumble grids were in place at both heavy vehicle site accesses for Site 2, located at the western and eastern ends of the site on Conferta Avenue. A street sweeper is available for use as required (Earthworx) and was in use at the time of the audit.	Compliant



			Roadways were clean on Conferta Ave at both site access points. A street sweeper was observed running along Conferta Ave at the time of the inspection. Refer to Observation and Recommendation raised for Condition D22. A wheel wash was available at the site egress rumble grid where required.	
STORIWIWATE	R REQUIREMENTS		AT&L from (Structural Engineers),	
D34	The Applicant shall ensure that the following specifications are met and are not reduced in size or replaced with an alternate manufacturer's product: (a) the twenty-five 690 Storm filter cartridges for the Storm filter chamber supplied by Ocean Protect (b) the Jellyfish filters three numbers of JF 2250-7-2 and one JF 3250-16-3 supplied by Ocean Protect (c) the Gross Pollutant Traps- two numbers HumeGard HG15 and three numbers of HumeGard HG12A supplied by Humes.	• AT&L (Structural Engineers) Letter RE: 1-15 AND 2-12 CONFERTA AVENUE, ROUSE HILL — SSD 10425 STAGE 2 —CIVIL DESIGN CERTIFICATE D34bc, dated 30/10/2023 • Robert Bird Group Letter to Deicorp RE: SSD Compliance Certificate 002, dated 14/7/2021	dated 30/10/2023 certifies that "the Civil Engineering Plans prepared by AT&L generally meet the objectives and requirements of BCC DCP 2015. The specific Standards and Conditions met include but are not limited to: D34b & D34c." Letter from Robert Bird Group (RBG) addresses Conditions C25, D34 & D36 and confirms compliance. RBG note that Condition D34 (b) is not	mpliant

D35	A plumber licensed with NSW Fair Trading is to undertake flow testing of the non-potable water reuse system to certify that all the toilets are capable of being supplied by rainwater and that there is no cross mixing or cross contamination with the potable water supply.	Interview with Auditees	As per D34 for OSD requirements. Dewatering as per Dewatering Management Plan up until OC, and for the Site 2B, 2C & 2E for the duration of Construction.	Not triggered
D36	Provide certification prior to the placement the bioretention filter media ex-bin has: (a) a minimum hydraulic conductivity as defined by ASTM F1815-11 of 250 mm/hr (actual, not predicted) (b) a maximum hydraulic conductivity as defined by ASTM F1815-11 of 700 mm/hr (actual, not predicted) (c) a pH between 5.5 and 7 (d) an Orthophosphate content < 20 mg/kg (e) a Total Nitrogen content between 800 and 1000 mg/kg (f) is not hydrophobic.	• Robert Bird Group Letter to Deicorp RE: SSD Compliance Certificate 002, dated 14/7/2021	Letter from Robert Bird Group (RBG) addresses Conditions C25, D34 & D36 and confirms compliance. NB: No additional evidence was presented as part of the audit to support compliance with Condition D36. The Auditor is relying on the verification of compliance by the Certifier in this instance. Auditees indicated D36 has not been triggered for Site 1, and implementation is being finalised in Site 2.	Not triggered
SYDNEY METE	RO CORRIDOR PROTECTION			
D37	Unless advised by Sydney Metro in writing, all excavation, shoring and piling works within 25m of the rail corridor are to be supervised by a geotechnical engineer experienced with such excavation projects and who holds current professional indemnity insurance.	Interview withAuditeesSite Survey Plans	Deicorp advised works are not within 25m of the rail corridor, reference provided to Site Survey Plans (25.5m to site boundary).	Not triggered
D38	The Applicant must ensure that at all times they have a representative (which has been notified to Sydney Metro in writing), who: (a) oversees the carrying out of the Applicant's obligations under the conditions of this consent and in accordance with correspondence issued by Sydney Metro (b) acts as the authorised representative of the Applicant (c) is available (or has a delegate notified in writing to Sydney Metro that is available) on a 7 day a week basis to liaise with the representative of Sydney Metro as notified to the Applicant.	 Interview with Auditees Deicorp letter to Sydney Metro, 1/7/2021 	The authorised representative of the Applicant is Grant Madsen of Deicorp, as notified in letter, dated 1/7/2021. Letter references parts (a), (b), & (c) of Condition D38.	Compliant
D39	Without in any way limiting the operation of any other condition of this consent, the Applicant must, during demolition, excavation and construction works, consult in good faith with Sydney Metro in relation to the carrying out of the development works and must	Interview with Auditees	As per sighted communication provided throughout the audit.	Compliant



	respond or provide documentation as soon as practicable to any queries raised by Sydney Metro in relation to the works.	Tallawong Village CCC Meeting Minutes, 27/11/2023	No direct queries. Sydney Metro are invited to attend CCC meetings, as documented in meeting minutes. Sydney Metro, Riverstone Community Group, Chairperson. Community facilities provided by Deicorp in the display centre.	
D40	Where a condition of consent requires consultation with Sydney Metro, the Applicant shall forward all requests and/or documentation to the relevant Sydney Metro interface team.	• N/A	As per relevant consultation conditions	Compliant
D41	The Applicant must ensure that all existing and future drainage works on the development site will be directed into the appropriate local council or approved drainage system.	Letter from Robert Bird Group to Deicorp, dated 30/6/2021 Email from Blacktown City Council (Drainage Development Assessment Team Leader), dated 20/12/2021	Letter confirms compliance with SSD 10425 Conditions D41 & D42. "RBG confirm that the proposed drainage solution for the development ensures that all site drainage is connected to the existing stormwater network in Conferta Avenue, it also ensures that site levels are not altered in any way that would affect the surface flows of water at the rail corridor. Temporary measures on site to ensure that the above conditions are also met during construction works will be the responsibility of the principal contractor". Email from Council, dated 20/12/2021 refers to Condition B33 (stormwater management system), and states the plans provided "satisfy Council requirements for this stage of the project" (Site 1). Stormwater installation was ongoing on Site 2 at the time of IA6. Confirms no overland flow onto Sydney Metro land.	Compliant

D42	The Applicant must ensure that during works no water collects on or near the railway corridor. Should water be allowed to pond adjacent to rail infrastructure facilities and service is interrupted, the Applicant shall be liable for any Sydney Metro expenditure involved with restoring or maintaining alternative services.	• Letter from Robert Bird Group to Deicorp, dated 30/6/2021	As per D41	Compliant
D43	If required by Sydney Metro, the Applicant must give Sydney Metro written notice at least 5 business days before any of the following events occur within 25 metres of the rail corridor (a) site investigations (b) foundation, pile and anchor set out (c) set out of any other structures below ground surface level or structures which will transfer any load or bearing (d) foundation, pile and anchor excavation (e) other excavation (f) surveying of foundation, pile and anchor excavation and surveying of as built excavations (g) other concreting; or (h) any other event that Sydney Metro has notified to the Applicant in writing so that Sydney Metro may inspect the carrying out or completion of those works on the development site.	Interview with Auditees	Deicorp advised no work has occurred within 25m of the rail corridor.	Not triggered
D44	If required by Sydney Metro, prior to the commencement of works or at any time during the excavation and construction period deemed necessary by Sydney Metro, a joint inspection of the rail infrastructure and property in the vicinity of the development is to be carried out by representatives from Sydney Metro and the Applicant and a dilapidation survey prepared. The dilapidation survey(s) will establish the extent of any existing damage and enable any deterioration during construction to be observed and rectified at the Applicant's cost. The submission of a detailed dilapidation report by the Applicant for review and approval by Sydney Metro will be required within 10 days following the undertaking of any joint inspection, unless otherwise notified by Sydney Metro in writing.	 Interview with Auditees ACE Structural Dilapidation Report (Metro Assets), 191294.1, 5/7/2021 	Deicorp advised a joint inspection has not been requested by Metro.	Not triggered



9.4 Air and Dust Management	Soil and other materials stored onsite will be covered to prevent dust Exposed areas will be watered down to prevent dust, especially on windy days and in close proximity to dwellings and public areas	 Interview with Auditees CEMP, Site 1 Early Works CEMP, Site 2 Site inspection 19/4/2024 	A number of small, unformed stockpiles were located in the area undergoing excavation for the basement on Site 2. Auditees advised excavated spoil was loaded-out directly into spoil trucks and removed from site. Observation 4: Excavated spoil was not sorted into designated stockpiles, but rather a number of small unformed stockpiles across the site. Recommendation: Consider forming a designated stockpile area to reduce the potential for dust generation and enable effective waste classification during spoil load-out. EI Australia is responsible for waste classification as part of the implementation of the RAP. It is noted that there have been no complaints received in relation to dust, with the closest residents located to the south on the opposite side of Schofields Road.	Compliant
	A shaker pad will be located at exits to remove soil from vehicle tyres		Shaker pads were located at both Site 2 heavy vehicle accesses.	Compliant
10 Soil and Water Management	All control measures will be installed prior to commencing works in accordance with the Soil and Water Management Plan, refer to Appendix C	Interview with AuditeesCEMP / Soil and Water	Site disturbance was mainly limited to the area of excavation for the basement and the internal haul road.	Compliant
	Silt fencing will be erected along batter slopes, stockpiles, and any disturbed surfaces that may drain into any adjacent water bodies and stormwater systems	Management Plan • Site inspection 19/4/2024	Runoff from across the site, and from basement excavations was collected in a sediment basin within the	Compliant



	Sandbags and other sediment controls shall be installed around stormwater inlets and outlets to prevent dirty discharge from works area entering stormwater systems. Soil and waste stores will be located in designated areas to prevent run off into drains Sediment barriers are required around the stockpiles	 Weekly site inspection checklists Site 1: 4/10/2023 - 15/4/24 Weekly site inspection checklists Site 2: 4/11/2023 - 13/4/23, 	excavation area on Site 2. From there the water is pumped to a settling tank, with final discharge to stormwater on the corner of Cudgegong and Schofields Road. During IA6, water also continued to be pumped and discharged via settling tank for Site 1, to stormwater on		
	Temporary diversion drains will be installed to divert clean run-off around the works area		Conferta Ave. Controls were in place around stormwater inlets on Conferta Ave. Weekly site inspection checklists were completed by the Site Manager, and available on site for review. Checklists		
	Weekly site inspections by the Supervisor with appropriate corrective actions taken immediately		include provision for vibration monitoring, sediment controls, washbay, road cleanliness, dust and noise.		
	The construction site will be kept free of rubbish, waste material and debris		The site was mainly clean with no uncontained rubbish, waste material		
	Chemical waste will be removed from site and disposed of at licenced facilities	Interview with	or debris observed. There was no chemical waste known to have been generated during the		
11 Waste &	General waste will be stored in the designated bin/skip and removed by the waste contractor on a regular basis	Auditees • CEMP / Construction	project. Construction waste was confined to a designated area with skip bins and		
Material Reuse Management	Waste monitoring will be recorded on the daily and weekly Inspection report	 Site inspection 19/4/2024 Bingo Monthly Reports October 2022 – February 2023 	 Site inspection 19/4/2024 Bingo Monthly Reports October 2022 – February 2023 general office waste in a compound on Site 2. Bingo provides a month records the volume of a recycled and disposed to (excluding spoil). Waste tracking records and other contaminated 	general office waste in the site compound on Site 2. Bingo provides a monthly report that records the volume of materials recycled and disposed to landfill	Compliant



			the Contamination Consultant (EI Australia) and EPA Auditor (Phreatic Consulting).	
Dewatering Ma	nagement Plan (DMP) – Site 1 & 2			
4.2 Estimated Groundwater Volumes	Site 2: Estimates of groundwater take are as follows: O.35ML over 150 Days construction O.86ML over 12 months operation	 Interview with Auditees) Site inspection 19/4/2024 Dewatering Management Plan 	Noted	Not triggered
4.3 Dewatering Level	 Continuous monitoring of groundwater elevations (from date of consent until at least 2 months after pumping ceases) Monitoring of drawdown is required to validate the accuracy of the seepage model, and pumping rates should be adjusted as needed Estimated volume of groundwater take – validation of estimates in the Groundwater Take Assessment 	Interview with Auditees Site inspection 19/4/2024 Dewatering Management Plan 2/5/2023 Groundwater level monitoring data E24445.E09.013_Rev1 Summary Letter of Groundwater Extraction Site 1 & Site 2, dated 27/10/2023	 Groundwater elevation data (groundwater drawdown) has been presented and shows groundwater levels during construction for Site 1 and Site 2. El Australia had not identified groundwater drawdown as an issue at the time of IA4 or IA5. El Australia has indicated after one year of pumping, an Annual Volume Assessment would be prepared for the validation of pumped groundwater volumes during Construction against estimations. This will provide assurance to DPE/NRAR that Water Access Licence Limits during Construction have not been triggered. On 27/10/2023, El Australia provided a summary of groundwater extraction during basement construction at Site 1 and Site 2 Tallawong Station Precinct South, Rouse Hill NSW. The letter states that "Based on the above information provided by the client, the accumulated volume of extracted 	Compliant

4.4 Dewatering Method 5.4 Groundwater Treatment	Site 2 dewatering strategy A dewatering strategy must be agreed to confirm dewatering treatment systems and water retention tanks can be positioned appropriately within approved areas of the site, prior to the commencement of excavation works All extracted groundwater that exceeds the adopted criteria values will require treatment on-site using approved technologies prior to discharge. Engagement of a suitably qualified and experienced water treatment specialist is necessarily, to design and install any treatment	19/4/2024 Dewatering Management Plan Rev02, 2/5/2023 El Australia Site Dewatering Strategy Water discharge records / Pump and approval register, Site 1 & 2, dated 26/10/2023 Interview with Auditees Site inspection 19/4/2024	prepared by EI Australia and was being implemented on Site 1 and Site 2 during IA6. Dewatering was being conducted in accordance with the Dewatering Management Plan (DMP) including water quality monitoring and written approval to pump. Section 5.4 Groundwater treatment was removed from the Dewatering Management Plan Rev02 as it was deemed not relevant to the project.	Compliant Not triggered
		Interview with Auditees Site inspection	groundwater during the period of November 2022 to October 2023 (approximately 12 months) was 2.88ML for Site 1 and 1.3ML for Site 2. The volumes were all below 3ML therefore Water Access Licence (WAL) is not required". *It is noted by the Auditor that the above volumes are total volumes and do not represent groundwater exclusively. Therefore actual groundwater take volumes would be significantly less than reported. Further analysis of groundwater extraction was not conducted for the IA6 audit period as there had been no significant change in basement excavations or interaction with the groundwater table. A Site Dewatering Strategy has been	



	measures that may be required, which should include (but not	Dewatering		
	necessarily be limited to):	Management Plan Rev02,		
	A treatment tank with minimum capacity capable of containing the	2/5/2023		
	expected inflow for the basement (as described in Section 4.4)	, -,		
	Groundwater filtration to reduce fine particulates			
	Automated in-line chemical dosing systems for the addition of			
	buffering solutions and coagulants for the management of water pH			
	and other parameters, which may be required from time to time, as			
	described in Section 6.5 Dewatering Contingencies			
	Groundwater treatment to reduce concentrations of the metals (if			
	required) to below the adopted criteria detailed in Table 5-1			
	Spare retention tank(s) to provide additional residence time and			
	sedimentation, in the case that non-compliant water quality is			
	identified during routine monitoring, triggering temporary redirection			
	of discharge while adjustments to the water treatment system are			
	being implemented, and			
	A means of monitoring flow rate to enable the accurate			
	determination of total discharge volume (addressed in more detail in			
	Section 5.3.4).			
	The water treatment system should be installed, tested and			
	operational prior to the commencement of dewatering, to ensure that			
	only treated water that meets the adopted quality criteria is			
	discharged to stormwater.			
Air Quality Man	agement Plan (AQMP)			
			There were no vehicles entering or	
			leaving the site due to the nature of	
	Ensure all vehicles leaving the site pass a rumble-grid and pit prior to exiting, with physical removal of dirt / mud using a pressure washer if required	 Interview with 	the works at the time of inspection,	
AQ2		Auditees	though shaker grids were in place at	Not triggered
7102		Site inspection	both heavy vehicle access points to	Trot triggered
	·	19/4/2024	Site 2 as required.	
			Heavy vehicle access to Site 1 was via	
			a concrete driveway.	
			A street sweeper was engaged as	
AQ3	The roads surrounding the site shall be regularly swept to ensure	Site inspection	required.	Compliant
	pavements are kept free of dust	19/4/2024	There was minimal evidence of	F
			tracking onto public roads.	

AQ10	Use solid 2.4m or 3m high hoardings at the site perimeter, and wind barriers at internal excavation boundaries where possible	Interview with AuditeesSite inspection 19/4/2024	2.7m hoardings were in place around both sites.	Compliant
AQ16	Apply covers, odour sealant or odour suppressant to control odours generated at the point of excavation or at stockpiles, where required	Interview with AuditeesSite inspection 19/4/2024	Odour had not been identified as an issue at the site to date.	Compliant
Section 5.0 Air Quality Monitoring Strategy	Implement dust monitoring requirements (PM10, VOCs & SVOCs & Odour) where required	 Interview with Auditees Site inspection 19/4/2024 	The AQMP states "continuous monitoring of dust is not recommended for the Project". "However, in case of multiple substantiated dust complaints, or persistent visible observed dust leaving site, monitoring may be required". There were no complaints known to be issued in relation to dust.	Compliant
Construction No	oise and Vibration Management Plan (CNVMP)			
5.5 Recommendat ions	Rock breaking or rock hammering should be limited to the times identified in condition D7	 Interview with Auditees Site inspection 19/4/2024 CNVMP 	There was no rock breaking or saw cutting etc. underway during the inspection on either Site 1 or 2. Basement excavation for Site 2, Stage 2A and 2D was complete. Basement excavation for Site 2, Stage 3 commenced on 15/3/2024. The Deicorp Construction Manager indicated he was aware of the respite periods and requirements in D7 around the timing of noise intensive works. No complaints are known to have been made in relation to noise for the project to date. The nearest receivers to the excavation works are south of Site 2 in Zone R2 on Schofields Road.	Compliant

5.6 Vibration monitoring	Vibration monitoring is recommended when rock hammering is required to be undertaken (generally limited to the excavation stage of the project) at the following locations: •Eastern boundary of the site – representative of the switching station •Southern boundary of the site – representative of worst affected residents In the event that ongoing construction activities are considerably below the relevant vibration levels, it is recommended that vibration monitoring requirement for the project be reviewed with the relevant stakeholders.	 Interview with Auditees Site inspection 19/4/2024 CNVMP Acoustic Logic Vibration Monitoring Reports (Site 2): Report 1, 9/11/22-24/11/22 Report 2, 25/11/22-8/12/22 Report 4, 14/1/23-27/1/23 Report 5, 28/1/23-3/3/23 Email from Acoustic Logic, dated 3/05/2022 	According to the CNVMP, the requirement for vibration monitoring is triggered during rock hammering. The five towers at Site 1 were at final level at the time of IA6, and being prepared for OC. Towers Q, R & S on Site 2, Stage 2D were also at final level. Above-ground construction of Towers F, G, H, J & K was ongoing at the time of IA6. Vibration monitoring was previously recommended at the northern boundary of the site adjacent to the Tallawong Metro Station as well as the eastern boundary (switching station) but was no longer required upon completion of excavation. The CNVMP was updated in May 2022 for Site 2 and requires vibration monitoring during rock hammering. Vibration monitoring was conducted by Acoustic Logic for Site 2, with records documented in Vibration Monitoring Reports 1-5 from Nov 2022-March 2023. Vibration was measured at ground level at the NE corner (Cudgegong Road) and southern boundary (Schofields Road) of the site. There was no further rock hammering or vibration monitoring required or conducted during the IA5 audit period. Previous monitoring reports concluded vibration levels were satisfactory and exceedances, where they occurred, were attributed to	Compliant
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			external sources, i.e. not related to the project works. There was no known requirement for vibration monitoring during the IA6 audit period (i.e. no rock hammering).	
5.6 Vibration monitoring	The ETM vibration monitors can be downloaded remotely to actively review all monitoring data recorded at the monitoring location, including any vibration events found to exceed levels nominated in Section 4.2 (of the CNVMP). In the event multiple events exceeding the nominated trigger levels are recorded, all data recorded by the monitor is to be reviewed and forwarded to a nominated representative of the building contractor. It is proposed that reports are provided at regular intervals, with any exceedance in the nominated vibration criteria documented.	 Interview with Auditees Acoustic Logic Vibration Monitoring Reports (Site 2): Report 1, 9/11/22-24/11/22 Report 2, 25/11/22-8/12/22 Report 4, 14/1/23-27/1/23 Report 5, 28/1/23-3/3/23 	Vibration monitoring was previously undertaken on Site 2 during basement excavation. Monitoring data was reviewed during IA4, including review of exceedances, which including an explanation on the source of the exceedance. Vibration monitors were removed from site after IA4 due to excavation to final basement level almost complete. There was no rock hammering or vibration monitoring required or conducted during the IA6 audit period.	Compliant
5.5 Recommendat ions	 Complaints handling: An after hours contact number is displayed outside the building site, so that in the event that surrounding development believed that a noise breach is occurring, they may contact the site. In the event of a complaint, the procedures outlined in Section 8 are to be adopted. Additional methods of control of construction noise and additional noise control measures which may be adopted by the site are detailed in Section 6 and 7. In the event of strong community reaction to construction noise, or complaint from a specific receiver, attended noise measurements may be required to quantify the levels of construction noise at identified locations. The measured levels are to be compared to the relevant management levels, and where exceedances are identified a review of the reasonable and feasible measures in place to be undertaken to further mitigate noise impacts. 	 Interview with Auditees Site inspection 19/4/2024 	No noise complaints known to have been made in relation to the project.	Not triggered



5.6.5 Additional Recommendat ions	 Materials handling/vehicles: Vehicles not to idle outside of site prior to working hours Access routes to and from site should be planned to minimise noise impact on nearby residential receivers Trucks and bobcats to use non-tonal reversing beacon (subject to WHS requirements) to minimise potential disturbance to neighbours Avoid careless dropping of constriction materials into empty trucks Trucks, trailers and concrete trucks (if feasible) should turn off their engines during idling to reduce noise impacts. 	 Interview with Auditees Site inspection 19/4/2024 Earthworx Plant Pre-Start, excavator EX3611, 1/4/2023 	There have been no known exceedances of the noise trigger level at receiver locations as per the CNVMP. There was no rock hammering, and therefore no noise monitoring conducted during the IA6 audit period. Plant Pre-Start checks include the verification of reversing travel alarms. The Site Manager indicated reversing quackers were a requirement for all plant and equipment where relevant.	Compliant
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Independent Environmental Audit Report

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425)
Rouse Hill NSW

Attachment 2: Planning Secretary Appointment of Experts





Our ref: SSD-10425-PA-28

Andrew Coleman
Construction & Development Executive
DEICORP CONSTRUCTION PTY LTD
Gadigal Country
Level 3, 161 Redfern Street
Redfern New South Wales 2016

26/03/2024

Subject: Tallawong Station Precinct South Stage 2 - Independent Auditor Declaration

Dear Mr Coleman

Reference is made to your post-approval matter, SSD-10425-PA-28, request for the Planning Secretary's reapproval of a suitably qualified, experienced, and independent person to conduct the sixth Independent Audit of the Tallawong Station Precinct South Stage 2, submitted as required by Schedule 2, Condition A24 of SSD-10425 as modified (Consent) to NSW Department of Planning, Housing and Industry (NSW Planning) on 20 March 2023.

NSW Planning has reviewed the independent auditor nominations and based on the information you have provided is satisfied that the proposed person/s are suitably qualified, experienced, and independent.

In accordance with Schedule 2, Condition A24 of the Consent and the NSW Planning's *Independent Audit Post Approval Requirements* (2020) (IAPAR), as nominee of the Planning Secretary, I endorse the appointment of Josephine Heltborg, as lead auditor, from Morasey Environmental Pty Ltd to carry out the Independent Environmental Audit.

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

The Independent Audit must be prepared, undertaken, and finalised in accordance with the conditions of the Consent and the IAPAR. Failure to meet these requirements will require revision and resubmission.

NSW Planning reserves the right to request an alternate auditor or audit team for future audits.



Department of Planning, Housing and Infrastructure

Should you wish to discuss the matter further, please contact Astrid Christensen, (Compliance Officer) on 9274 6170 or email compliance@planning.nsw.gov.au

Yours sincerely

Julia Pope

Team Leader Compliance Metro
As nominee of the Planning Secretary



Independent Environmental Audit Report

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW

Attachment 3: Independent Audit Declaration Form

MEDEI 2023100-06_IA6_Tallawong_Apr24_Rev01

Project name	Tallawong Station Precinct South
Consent Number	SSD 10425
Description of Project	Construction of a staged mixed-use development (Tallawong Station Precinct South) comprising: 17 buildings of between 2 and 8 storeys to a maximum height of 34.69m (RL 91.600) Maximum gross floor area (GFA) of 93,393m² 987 dwellings Retail, commercial and community uses of approximately 9,000m² GFA 5% affordable housing (50 dwellings) Basement for car paring and services Land and stratum subdivision Landscaping of the public and private domain Publicly accessible park New pubic and private roads and pedestrian connection
Project Address	1-15 and 2-12 Conferta Avenue, Rouse Hill, Lots 293 and 294/DP 1213279
Proponent	Deicorp Construction Pty Limited
Date	20 July 2021

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

I declare that

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

Notes:

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

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

Name of Auditor Josephine Heltborg

Signature (... Author)

Qualification BSc, M Environmental Management

Company: Morasey Environment Pty Ltd

Audit Date: 19 April 2024

Independent Environmental Audit Report

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425)
Rouse Hill NSW

Attachment 4: Consultation Records

Jo Heltborg

From: Astrid Christensen <

Sent: Thursday, 28 March 2024 11:23 AM

To: Jo Heltborg

Subject: RE: Independent Audit 6 - SSD 10425 Tallawong Station Precinct South

Hi Jo,

Thank you for your email.

NSW Planning does not require any additional input into the Scope of the upcoming Audit at this time.

Please do not hesitate to contact me using the details below.

Kind regards,

Astrid Christensen

Compliance Officer Compliance - Metro

Department of Planning, Housing and Infrastructure

P (02) | E 4PSQ, 12 Darcy Street, Parramatta, NSW, 2150 www.dphi.nsw.gov.au



The Department of Planning, Housing and Infrastructure acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.

From: Jo Heltborg <<u>jo@morasey.com.au</u>>
Sent: Monday, 25 March 2024 4:10 PM

To: DPE PSVC Compliance Mailbox < compliance@planning.nsw.gov.au >

Cc: Grant Madsen < >; Mark Liang < >

Subject: Independent Audit 6 - SSD 10425 Tallawong Station Precinct South

Dear DPHI,

As the independent auditor engaged by Deicorp Construction Pty Ltd for the Tallawong Station Precinct South project, located at 1-15 and 2-12 Conferta Avenue, Rouse Hill NSW (SSD 10425), I am consulting with the Department in accordance with Section 3.2 of the DPHI Independent Audit PARs, 2020 (IAPARs).

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

- Assessment of compliance with Parts A & D of SSD 10425 (that may be relevant at the time of the audit)
- An assessment of compliance with post approval documents prepared to satisfy the conditions of consent, including an assessment of the implementation of Environmental Management Plans and Sub-plans;
- An assessment of the environmental performance of the development, including:
 - Actual impacts compared to predicted impacts in the environmental impact assessment (EIA);
 - The physical extent of the development in comparison with the approved boundary, and any potential offsite impacts;
 - Incidents, non-compliances and complaints that occurred or were made during the audit period;
 - The performance of the development having regard to agency policy and any particular environmental issues identified through consultation carried out when developing the scope of the audit;
 - Feedback received from the Department, and other agencies and stakeholders on the environmental performance of the project during the audit period;
- A high-level assessment of whether Environmental Management Plans and Sub-plans are adequate.
- Any other matters considered relevant by the auditor or the Department taking into account relevant regulatory requirements and legislation and knowledge of the development's past performance.

The site inspection for the 6th audit (IA6) is scheduled on 23rd April 2024. If you would like any additional considerations taken into account during the audit (including other agency consultation), or require any additional information please get in touch prior to the site inspection.

Kind regards,

IIIMORASEY

Josephine Heltborg

Principal Environmental Auditor Morasey Environment Pty Ltd

М:

E: jo@morasey.com.au **W**: www.morasey.com.au