



Independent Environmental Audit Report 5 (IA5)

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425)

Rouse Hill NSW



Audit Date: 24 October 2023

Morasey Ref: MEDEI: 2023100-05

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Executive Summary

This report presents the findings of the fifth Independent Environmental Audit (IA5) conducted by Morasey Environment Pty Ltd commencing on Tuesday 24th October 2023 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 fourth Independent Audit (IA4) on 4 April 2023 to the date of the site inspection for this Independent Audit 5 (IA5), 24th October 2023. The environmental performance of the project was assessed at the time of the site inspection on 24th October 2023.

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: <ul style="list-style-type: none"> • 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 and Environment (DPE), 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– IA5

CoA	Summary of Non-Compliance – IA5 – Conditions of Approval
Nil	
Section	Summary of Non-Compliance – IA5 – 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. One Observation was raised, presented in the table below.

CoA	Summary of Observation – IA5
D22	<p><u>Observation 1:</u> 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.</p> <p><u>Recommendation:</u> Stabilise western edge of the sediment basin and consider further stabilisation of exposed earth areas along the southern boundary of the site.</p>
CEMP, Section 9.4 Air & Dust Management	<p><u>Observation 2:</u> One small stockpile was located in a disturbed area on Site 2, in-between 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.</p> <p><u>Recommendation:</u> The stockpile should be kept damp and Deicorp should consider covering the spoil at the end of each day.</p>
	<p><u>Observation 3:</u> Bulldust was present in the exposed SE corner of the site, and along the inner southern boundary.</p> <p><u>Recommendation:</u> Deicorp should consider further stabilisation measures to reduce dust risk in this location.</p>

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 April 2023 had been closed-out and evidence sighted, including revision to the Dewatering Management Plan.

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. Records were maintained to support the position that groundwater take volumes do not trigger Water Access Licence (WAL) requirements.

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 ongoing for Site 2, under the management of qualified land contamination consultants and an 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 5

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 fifth Independent Environmental Audit (IA5) conducted by Morasey Environment Pty Ltd commencing on Tuesday 24th October 2023 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 (Tallowong 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 IA4 on 4 April 2023 to the date of the site inspection for this Independent Audit 5 (IA5), 24 October 2023. 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 24 October 2023.

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 and Environment (the Department | DPE) in correspondence dated 26 September 2023. 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 DPE, 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 Tuesday 24 October 2023, 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:

- Bishi Tancev, Deicorp Site Manager
- Mark Liang, Deicorp Contracts Administrator
- 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 Department of Planning and Environment (DPE) was consulted via email on 26 September 2023. DPE 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
- EI Australia Additional Groundwater Investigation, Ref E24445.E17_Rev0, 1/10/2020
- EI 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
- 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
 - SSD 10425 Conditions of Approval
 - 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 24 October 2023 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. As requested by DPE, Deicorp’s response to each recommendation will be addressed separately and submitted to the Department.

Table 1: Summary of Non-Compliances SSD 10425 – IA5

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 – IA5

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 – IA5

CoA# / Plan Reference	Summary of Observation	Recommended Action Due Date Status
D22	<u>Observation 1</u> : 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. Due Date: ASAP – To be verified during IA6, April 2024 Status: OPEN

CoA# / Plan Reference	Summary of Observation	Recommended Action Due Date Status
CEMP, Section 9.4 Air & Dust Management	<p><u>Observation 2:</u> One small stockpile was located in a disturbed area on Site 2, in-between 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.</p>	<p>Recommended Action: The stockpile should be kept damp and Deicorp should consider covering the spoil at the end of each day.</p> <p>Due Date: ASAP – To be verified during IA6, April 2024</p> <p>Status: OPEN</p>
	<p><u>Observation 3:</u> Bulldust was present in the exposed SE corner of the site, and along the inner southern boundary.</p>	<p>Recommended Action: Deicorp should consider further stabilisation measures to reduce dust risk in this location.</p> <p>Due Date: ASAP – To be verified during IA6, April 2024</p> <p>Status: OPEN</p>

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
Biodiversity	<p>Potential Environmental Impact: Loss of vegetation within the site. Potential to impact on biodiversity of the site.</p> <p>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.</p> <p>Residual Impact: Low/Medium</p> <p>Actual Impacts (IA5 Assessment): The project must comply with the Tree Audit and Impact Assessment Report.</p>
Stormwater	<p>Potential Environmental Impact: Potential water quality.</p> <p>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.</p> <p>Residual Impact: Low/Medium</p> <p>Actual Impacts (IA5 Assessment): Stormwater drainage infrastructure works and associated compliance is the responsibility of Deicorp and the Private Certifier.</p>
Soil and contamination	<p>Potential Environmental Impact: Exposure of contamination or hazardous materials during construction.</p> <p>Proposed Mitigation Measures and/or comment: Implement Remediation Action Plan during construction.</p> <p>Residual Impact: Low/Medium</p> <p>Actual Impacts (IA5 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 IA5, a Site Audit Report</p>

EIS Predicted Impact	Assessment of Actual vs Predicted Impacts
	<p>(SAR) and Site Audit Statement (SAS) had been issued for Site 1. Site 2 remediation works had commenced at the time of IA5 under the supervision of the Site Auditor, and Interim Advice was issued as required.</p>
Resources, Water and Energy	<p>Potential Environmental Impact: Waste of water, energy and other resources.</p> <p>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.</p> <p>Residual Impact: Low</p> <p>Actual Impacts (IA5 Assessment): The project was found to be managing waste during construction in compliance with the mitigation measures in the CWMP.</p>
Noise and vibration	<p>Potential Environmental Impact: Noise during construction.</p> <p>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.</p> <p>Residual Impact: Low/Medium</p> <p>Actual Impacts (IA5 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.</p> <p>There had been no known noise or vibration complaints in relation to the site at the time of the audit.</p>
Transport and parking	<p>Potential Environmental Impact: Increased traffic and parking on local roads.</p> <p>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.</p> <p>Residual Impact: Low/Medium</p> <p>Actual Impacts (IA5 Assessment): The EIS states sufficient parking would</p>

EIS Predicted Impact	Assessment of Actual vs Predicted Impacts
	<p>be provided in the development, which is not accurate. There was no parking provision within the development footprints for Site 1 or Site 2, 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.</p>
<p>Hazardous materials</p>	<p>Potential Environmental Impact: Potential to encounter asbestos Remediation of contaminated soil. Risk of mishandling of hazardous materials and substances.</p> <p>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 EI Australia which accompanies this application.</p> <p>Residual Impact: Low/Medium</p> <p>Actual Impacts (IA5 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 IA4, a Site Audit Report (SAR) and Site Audit Statement (SAS) had been issued for Site 1. Site 2 remediation works had commenced at the time of IA4 under the supervision of the Site Auditor, and Interim Advice was issued as required.</p>
<p>Sediment and erosion control and air quality</p>	<p>Potential Environmental Impact: Potential generation of off-site transmission of sediment, dust and fine particles affecting water quality.</p> <p>Proposed Mitigation Measures and/or comment: Implementation of a Construction Management Plan including its provisions relating to erosion and sediment control measures.</p> <p>Residual Impact: Low</p> <p>Actual Impacts (IA5 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.</p>

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 expired but was not observed to be in use during the 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 IA4 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 (tallawongvillagecommunityportal.com.au). Deicorp advised that all complaints received during the reporting period were documented in the Complaints Register (which was none at the time of IA5).

3.2.4 Findings and recommendations from previous audit

Evidence of implementation of the recommendations from IA4 has been included in the table below.

CoA#	IA3 Summary of Non-Compliance	IA3 Recommendations / Proposed Action	Evidence of Implementation / Status
A27	Deicorp’s response to IA3 audit findings was sighted during IA4, but evidence of submission of Deicorp’s response to DPE within the required timeframe was not able to be verified.	Recommended Action: Submit Deicorp’s response to IA3 audit finding to DPE. Due Date: ASAP	IA5: Deicorp’s response to IA4 Audit findings was verified as submitted to DPE. Status: CLOSED.
Summary of Observations SSD 10425 – IA4			
DMP, 5.4 Groundwater Treatment	As dewatering had just commenced on Site 2 at the time of IA3, the measures as described in Section 5.4 Groundwater Treatment of the DMP will be assessed in IA4.	Recommended Action: Implement the DMP Section 5.4 Groundwater Treatment prior to	IA4: DMP to be reviewed and updated, removing requirements for

CoA#	IA3 Summary of Non-Compliance	IA3 Recommendations / Proposed Action	Evidence of Implementation / Status
		the next Independent Audit (IA4) Due Date: NA	groundwater treatment. 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 April 2023 had been closed-out and evidence sighted, including revision to the Dewatering Management Plan.

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. Records were maintained to support the position that groundwater take volumes do not trigger Water Access Licence (WAL) requirements.

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 ongoing for Site 2, under the management of qualified land contamination consultants and an 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



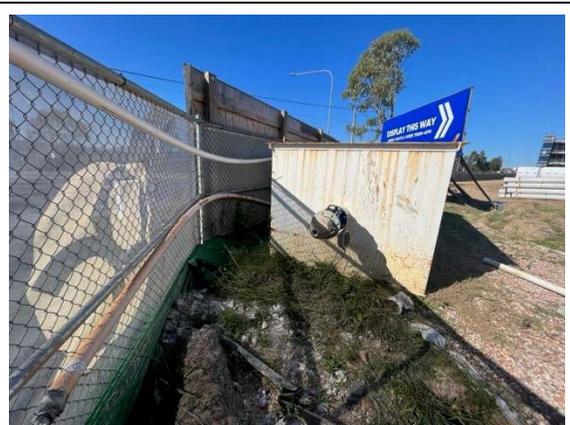
Photos 1-4: Site 1 – Tower construction progress



Photos 5 & 6: Site 2 – Tower construction progress (Stage 2D)



Photos 7 & 8: Sediment basin, SE corner of Site 2. Rubbish recommended for removal, as well stabilisation and seeding of the disturbed batter.



Photos 9-12: Sediment basin, SE corner of Site 2. Rubbish recommended for removal, as well stabilisation and seeding of the disturbed batter. Discharge controls in place.



Photo 13: Site 2 – Additional stabilisation of ground surface in the SE corner recommended



Photo 14: Shaker grid at lower Site 2 access



Photos 15-18: Shaker grid at upper Site 2 heavy vehicle access maintained in good condition. Dust suppression using gurney. Minimal tracking along Conferta Avenue.



Photo 19: Coir logs and geofabric controls at stormwater inlets on Conferta Ave



Photo 20: Waste storage and concrete washout area



Photo 21: Site 2 – Sediment fence maintained along southern boundary



Photo 22: Site 2 – Stockpile area – recommended for dust suppression and cover at end of each day



Photos 23 & 24: Tree damage from sewer installation in SE corner of Site 2. Deicorp advised tree does not require retention and would be removed prior to Stage 3 works commencing

Independent Environmental Audit Report

Deicorp Construction Pty Ltd

Tallowong Station Precinct South (SSD 10425)

Rouse Hill NSW

Attachment 1: Independent Audit Table | IA5

Audit Table - Tallawong Station Precinct South Independent Audit 5 (IA5), 24 October 2023				
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
PART A ADMINISTRATIVE CONDITIONS				
Obligation to Minimise Harm to the Environment				
A1	In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction and operation of the development.	<ul style="list-style-type: none"> The findings from this audit 	None	Compliant
Terms of Consent				
A2	The development may only be carried out: a) in compliance with the conditions of this consent b) in accordance with all written directions of the Planning Secretary c) in accordance with the EIS, 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).	<ul style="list-style-type: none"> The findings from this audit 	None	Compliant
A3	Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to: a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary; and b) the implementation of any actions or measures contained in any such document referred to in Condition A3(a).	<ul style="list-style-type: none"> Email from DPE RE: Tallawong Station Precinct South (SSD-10425) Record Breach A26, D23, and D14, dated 1/8/2023 Email from DPE RE: Tallawong Station Precinct South (SSD-10425) Request for Information, dated 7/7/2023 	The Planning Secretary has made two requests for information during the audit period. The requests were in relation to investigations into non-compliances identified during Independent Audit 3 (IA3) and IA4. Deicorp to provide copies of correspondence. Deicorp responded to DPE and the matters were closed out.	Compliant
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	<ul style="list-style-type: none"> None 	None	Not Triggered

Audit Table - Tallawong Station Precinct South Independent Audit 5 (IA5), 24 October 2023				
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
	document prevails to the extent of the inconsistency, ambiguity or conflict.			
Limits on Consent				
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.	<ul style="list-style-type: none"> 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).	<ul style="list-style-type: none"> None 	None	Not Triggered
Prescribed Conditions				
A7	The Applicant must comply with all relevant prescribed conditions of development consent under Part 6, Division 8A of the EP&A Regulation.	<ul style="list-style-type: none"> None 	As per the findings of this audit	Compliant
PLANNING SECRETARY AS MODERATOR				
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.	<ul style="list-style-type: none"> Interview with Auditees 	No disputes are known to have arisen between the Applicant and a public authority during the audit period.	Not triggered
LEGAL NOTICES				
A9	Any advice or notice to the consent authority must be served on the Planning Secretary.	<ul style="list-style-type: none"> Interview with Auditees 	No legal advice or notices are known to have been served during the project.	Not triggered

Audit Table - Tallawong Station Precinct South Independent Audit 5 (IA5), 24 October 2023				
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
EVIDENCE OF CONSULTATION				
A10	<p>Where conditions of this consent require consultation with an identified party, the Applicant must:</p> <p>(a) consult with the relevant party prior to submitting the subject document to the Planning Secretary for information or approval; and</p> <p>(b) provide details of the consultation undertaken including:</p> <p>(i) the outcome of that consultation, matters resolved and unresolved; and</p> <p>(ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.</p>	<ul style="list-style-type: none"> The findings from this audit relevant to consultation 	<p>Consultation has occurred as required.</p>	Compliant
A11	<p>All new buildings and structures that are part of the development, must be constructed in accordance with the relevant requirements of the BCA.</p> <p>Notes:</p> <ul style="list-style-type: none"> <i>Under Part 6 of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works.</i> <i>Part 8 of the EP&A Regulation sets out the requirements for the certification of the development.</i> 	<ul style="list-style-type: none"> 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, 	<p>Construction Certificates (CCs) issued for the development include various statements of compliance related to the BCA.</p> <p>Stage 2 (Sites 2A & 2D only) of the development commenced early works in August 2022.</p> <p>The first construction certificate for Stage 2 Early Works (CC3) was issued on 20/7/2022.</p> <p>Construction for Stages 1 and 2 of the development were ongoing at the time of this audit IA5.</p> <p>Construction certificates and the CC Register were provided as evidence during the audit.</p> <p>For Site 1, above-ground construction of all five towers had commenced.</p>	Compliant

Audit Table - Tallawong Station Precinct South Independent Audit 5 (IA5), 24 October 2023				
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
		dated 25/8/2022 (CC4) – Stage 1 Structure <ul style="list-style-type: none"> • City Plan Construction Certificate No. 201348/5, dated 14/10/2022 (CC5) – Stage 1 Façade & Fitout • CC6, dated 9/12/2022, Stage 2 – Slab on Grade (2A & 2D) • CC7, dated 13/3/2023 – Stage 1 - Services • CC8, dated 13/3/2023 – Stage 1- Landscaping • CC9, dated 3/3/2023, Stage 2 – Structure (2A & 2D) {B1-B2} • CC10, dated 14/9/2022, Structure (2A & 2D) [Ground Floor] • CC12, dated 22/6/2022, Structure (2D) [L1 - Roof] • CC13, dated 6/9/2023, Structure (2A) [L1 - Roof] 	For Site 2, above-ground construction of three towers for Stage 2D had commenced (Building Q, R & S). The five towers associated with Stage 2A (Buildings H, J, G, K & F) had progressed to Ground level. <i>NB: It is outside the scope of the Auditor's engagement to ensure the development is BCA compliant. The issue of CCs is the responsibility of the Certifier.</i>	
Operation of Plant and Equipmen2D)				
A12	All plant and equipment used on site, or to monitor the performance of the development must be: a) maintained in a proper and efficient condition; and b) operated in a proper and efficient manner.	<ul style="list-style-type: none"> • Site inspection, dated 24/10/2023 • Deicorp Form 10 – Plant Register 	A Plant Register listing plant on site was available in the site office. No plant was observed with visible fumes.	Compliant

Audit Table - Tallawong Station Precinct South Independent Audit 5 (IA5), 24 October 2023				
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
			Heavy machinery was limited to cranes and delivery trucks. No visible emissions were observed.	
Applicability of Guidelines				
A13	References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this consent.	<ul style="list-style-type: none"> None 	None	Not Triggered
A14	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	<ul style="list-style-type: none"> None 	None	Not Triggered
Monitoring and Environmental Audits				
A15	<p>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.</p> <p>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.</p>	<ul style="list-style-type: none"> None 	See conditions related to monitoring in Part D.	Compliant

Audit Table - Tallawong Station Precinct South Independent Audit 5 (IA5), 24 October 2023				
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
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.	<ul style="list-style-type: none"> 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 Strategies, Plans and Programs				
A17	<p>Within three months of:</p> <p>a) the submission of a compliance report under this consent;</p> <p>b) the submission of an incident report under this consent;</p> <p>c) the submission of an Independent Audit under this consent;</p> <p>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</p> <p>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.</p>	<ul style="list-style-type: none"> Interview with Auditees Dewatering Management Plan, Rev02 2/5/2023 AECOM AQMP, Rev 2, 13/5/2022 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 	<p>Plans as listed in the evidence column (and in detail in Section 1.5.2 of the IA5 Audit Report) were updated prior to Independent Audit 3 (IA3) and address requirements, including conditions of approval relevant to Stage 2.</p> <p>The Dewatering Management Plan was revised during the audit period based on a recommendation during IA4.</p>	Compliant

Audit Table - Tallawong Station Precinct South Independent Audit 5 (IA5), 24 October 2023				
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
		<ul style="list-style-type: none"> • EI Australia Groundwater Take Assessment, 30/7/2021 		
A18	<p>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.</p> <p>Note: <i>This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.</i></p>	<ul style="list-style-type: none"> • Interview with Auditees 	As per A17. DPE has not made any request for updates to management plans during the audit period.	Compliant
COMPLIANCE REPORTING				
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).	<ul style="list-style-type: none"> • DPE 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 DPE's Compliance Reporting Post Approval Requirements (2020).	Not triggered
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.			
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.			
A22	Notwithstanding the requirements of the Compliance Reporting Post Approval Requirements (2020), the Planning Secretary may approve a request for ongoing annual operational compliance reports to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that an operational compliance report has demonstrated operational compliance.			

INDEPENDENT ENVIRONMENTAL AUDIT				
A23	Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020).	<ul style="list-style-type: none"> DPE Independent Audit Post Approval Requirements, 2020 This audit (IA5 SSD 10425, dated 24/10/2023) 	This audit (IA5 SSD 10425, dated 24/10/2023) is being conducted in accordance with the Independent Audit Post Approval Requirements (2020).	Compliant
A24	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.	<ul style="list-style-type: none"> DPE Appointment of Experts, SSD 10425, dated 26/9/2023 Auditor Declaration of Independence Form, SSD 10425, dated 15/9/2023 	DPE 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.	<ul style="list-style-type: none"> None 	None	Not triggered
A26	In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Applicant must: <p>(a) review and respond to each Independent Audit Report prepared under this consent;</p> <p>(b) submit the response to the Planning Secretary; and</p> <p>(c) make each Independent Audit Report, and response to it, publicly available 60 days after submission to the Planning Secretary.</p>	<ul style="list-style-type: none"> This audit (IA5 SSD 10425, dated 24/10/2023) Independent Audit Report IA4 SSD 10425, dated 4/4/2023 Submission of IA4 to DPE (compliance@planning.nsw.gov.au), dated 16/5/2023 Project website (tallawongvillagecommunityportal.com.au) 	<p>This audit (IA5 SSD 10425, dated 24/10/2023) is being conducted in accordance with the Independent Audit Post Approval Requirements, 2020.</p> <p>The IA4 Audit Report was submitted to DPE via the compliance mailbox (compliance@planning.nsw.gov.au), dated 16/5/2023.</p> <p>The IA4 Audit Report, and Deicorp's response was available on the project website at the time of IA5: tallawongvillagecommunityportal.com.au</p>	Compliant
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	<ul style="list-style-type: none"> Independent Audit Report IA4 SSD 10425, dated 4/4/2023 	This audit (IA5 SSD 10425, dated 24/10/2023) is being conducted in accordance with the Independent	Compliant

	Independent Audit Post Approvals Requirements (2020) unless otherwise agreed by the Planning Secretary.	<ul style="list-style-type: none"> Submission of IA4 to DPE (compliance@planning.nsw.gov.au), dated 16/5/2023 	<p>Audit Post Approval Requirements, 2020.</p> <p>The IA4 Audit Report was submitted to DPE via the compliance mailbox (compliance@planning.nsw.gov.au), dated 16/5/2023.</p>	
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.	<ul style="list-style-type: none"> 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 EI Australia, dated 16 April 2020 (ref: E24445.E06_Rev1) and relevant guidelines produced or approved under the <i>Contaminated Land Management Act 1997</i> . Remediation works must be undertaken by a suitably qualified and experienced consultant(s).	<ul style="list-style-type: none"> Remedial Action Plan prepared by EI Australia, dated 16 April 2020 (ref: E24445.E06_Rev1) EI 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 	<p>Remediation of Site 1 was complete and a Site Audit Statement (SAS TNC171-1) issued in July 2022.</p> <p>Tim Chalmers of Phreatic Consulting is engaged as the NSW EPA Site Auditor, and EI Australia have been managing the remediation works ongoing for Site 2. It is understood some remaining land requires clearance in the vicinity of the Deicorp site compound on Site 2. This will need to be scheduled as part of planning for commencement of Stage 3 (Site 2).</p> <p>EI Australia Engagement Letter states EI Australia is a suitably qualified contaminated land environmental consultant.</p> <p>Remediation of Site 2 is addressed in the overarching Remedial Action Plan (RAP) and Detailed Site Investigation (DSI) for the development.</p>	Compliant

		South, Rouse Hill NSW – Site 2. Reference E24445.E07.2_Rev0	<p>Remediation has involved predominantly the removal and validation of shallow soil impact (asbestos).</p> <p>EPA Site Auditor Interim Advice (IA) (Clearance Certificate for Stage 2 Lot 293 in DP 1213279), dated 10/3/2023 was sighted during IA4. The IA states <i>“Eiaustralia have provided a draft validation report detailing the remediation works to date. Notably, full remediation of the site remains incomplete, in particular with respect to fill soils in the north eastern part of the site which are currently inaccessible due to the presence of a display unit. However, all identified impacted soils have been removed and it is reasonable to progress the basement excavation accordingly in accessible areas. It is noted that the excavation required to complete the remediation will not be possible until the display unit is demolished and the north eastern corner of the site becomes accessible for bulk excavation.”</i></p> <p>NB: <i>Verification of compliance with the RAP is managed by the EPA Site Auditor and is outside the scope of this audit.</i></p>	
PLANNING AGREEMENT				
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	<ul style="list-style-type: none"> • Planning Agreement – Village Green Land at Tallawong Station Precinct 	Voluntary Planning Agreement (VPA) signed by Blacktown City Council, dated 06/05/2021 sighted.	Not triggered

	City Council and Deicorp Projects (Tallawong Station) Pty Ltd, must be completed prior to the issue of an Occupation Certificate.	South, Addisons, dated 06/05/2021 <ul style="list-style-type: none"> • Interview with Auditees 	VPA requirements to be met prior to issue of the OC, when public are given access to the park on Site 1. NB: <i>Verification of compliance with requirements of the VPA are outside the scope of this audit.</i>	
REGISTRATION 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.	<ul style="list-style-type: none"> • 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 IA5.	Not triggered
PART D – DURING CONSTRUCTION				
APPROVED 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.	<ul style="list-style-type: none"> • Site inspection 24/10/2023 	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: (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;	<ul style="list-style-type: none"> • Site inspection 24/10/2023 	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 (c) The following details were included on the Site Notice: Approved work hours, name of Project Manager,	Compliant

	(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.		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 Construction				
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.	<ul style="list-style-type: none"> • Interview with Auditees • CEMP & 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.	<ul style="list-style-type: none"> • Interview with Auditees • CEMP & 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.	<ul style="list-style-type: none"> • Interview with Auditees • CEMP & 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.	<ul style="list-style-type: none"> • 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; (b) 2pm to 5pm Monday to Friday; and (c) 9am to 12pm, Saturday.	<ul style="list-style-type: none"> • Interview with Auditees • CEMP & CNVMP • Site inspection 24/10/2023 	The requirements of D7 are documented in the CEMP & CNVMP. The CNVMP was updated to incorporate Site 2 Stage 2, dated May 2022. Excavation of the basements for Stage 2A and Stage 2D (Site 2) was complete at the time of the audit. No rock	Compliant

			<p>breaking, hammering etc. was being undertaken during the site inspection. 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.</p> <p>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.</p>	
INCIDENT NOTIFICATION, 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.	<ul style="list-style-type: none"> • Interview with Auditees • CEMP & 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.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • Interview with Auditees • CEMP & CNVMP 	No non-compliances are known to have occurred during the project (other than those raised during Independent Audits, which have been notified to DPE 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.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • NA 	Noted	Not Triggered
SAFework REQUIREMENTS				
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.	<ul style="list-style-type: none"> • Site Management Plan • Site inspection 24/10/2023 • 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
IMPLEMENTATION 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 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.	<ul style="list-style-type: none"> • CNVMP • Site inspection 24/10/2023 	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	Compliant

			assessed in a later section of this audit.	
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.	<ul style="list-style-type: none"> • CNVMP • Interview with Auditees 	<p>There has been no known instance of deliveries, including concrete trucks, arriving out of hours during the project.</p> <p>The requirement to meet D16 has been included in the CNVMP.</p>	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.	<ul style="list-style-type: none"> • Australian Piling Plant Pre-Start form 	<p>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.</p>	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.	<ul style="list-style-type: none"> • Acoustic Logic CNVMP • Interview with Auditees 	<p>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.</p> <p>The CNVMP does not identify any other activities that would exceed an NML of LAeq 75dBA.</p> <p>The Deicorp Construction Manager indicated he was aware of the respite periods and requirements in D7 around the timing of noise intensive works.</p> <p>No complaints are known to have been made in relation to noise for the project to date.</p>	Compliant
D19	Any noise generated during construction of the development must not be offensive noise within the meaning of the <i>Protection of the</i>	<ul style="list-style-type: none"> • Acoustic Logic CNVMP • Interview with Auditees 	No offensive noise is known to have occurred on site to date, and no noise	Compliant

	Environment Operations Act 1997 or exceed approved noise limits for the site.		complaints are known to have been made. See also D18.	
VIBRATION CRITERIA				
D20	<p>Vibration caused by construction at any residence or structure outside the Site must be limited to:</p> <p>(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);</p> <p>(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).</p>	<ul style="list-style-type: none"> • Acoustic Logic CNVMP • Interview with Auditees • Site inspection 24/10/2023 • Acoustic Logic Vibration Monitoring Reports (Site 2): <ul style="list-style-type: none"> ○ 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 	<p>In the CNVMP, the requirement for vibration monitoring is triggered during rock hammering.</p> <p>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.</p> <p>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.</p> <p>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.</p>	Not triggered

			There has been no requirement for vibration monitoring in the IA5 audit period.	
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.	<ul style="list-style-type: none"> • Acoustic Logic CNVMP • Interview 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.	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: <ul style="list-style-type: none"> (a) exposed surfaces and stockpiles are suppressed by regular watering; (b) all trucks entering or leaving the site with loads have their loads covered; (c) trucks associated with the development do not track dirt onto the public road network; (d) public roads used by these trucks are kept clean; and (e) land stabilisation works are carried out progressively on site to minimise exposed surfaces. 	<ul style="list-style-type: none"> • AQMP • Site Inspection, 24/10/2023 • Interview with Auditees 	<p>(a) Dust was not an issue at the time of inspection on 24/10/2023, though conditions were dry, wind was low. A hand held gurney was observed to be in use along the heavy vehicle internal haul road during the site inspection.</p> <p>(b) There was no spoil load-out at the time of inspection.</p> <p>(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.</p> <p>(d) Roadways were clean on Conferta Ave at both site access points. Deicorp advised a street sweeper was engaged as required, and a Deicorp owned street sweeper would be available on the site from 30/10/2023. Manual sweeping was underway at the time of the audit.</p> <p>(e) <u>Observation</u>: The western edge of the sediment basin had been excavated to increase capacity, exposing underlying soil. Exposed</p>	Compliant

			<p>earth in the SE corner of Site 2 is a dust risk.</p> <p><u>Recommendation:</u> Stabilise western edge of the sediment basin and consider further stabilisation of exposed earth areas along the southern boundary of the site.</p>	
Erosion and Sediment Control				
D23	<p>All erosion and sediment control measures must be effectively implemented and maintained at or above design capacity for the duration of the construction works and until such time as all ground disturbed by the works have been stabilised and rehabilitated so that it no longer acts as a source of sediment. Erosion and sediment control techniques, as a minimum, are to be in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom, 2004) commonly referred to as the 'Blue Book'.</p>	<ul style="list-style-type: none"> • Soil and Water Management Plan, CEMP Appendix C • Site Inspection, 24/10/2023 • Interview with Auditees • Water discharge records / Pump and approval register, 24/10/2023 	<p>On Site 2, basement excavation was complete and tower construction had commenced for Stages 2A and 2D. The site slopes from west to east along the southern site boundary on Schofields Road. Existing stormwater pits inside the site were capped off to 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 basins 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. Controls were in place at the discharge point and around the stormwater inlet outside the site hoarding.</p>	Compliant

			Localised ERSED controls were in place along Conferta Ave including coir logs and geofabric drain protection.	
DISPOSAL OF SEEPAGE AND STORMWATER				
D24	Any seepage or rainwater collected on-site during construction or groundwater must not be pumped to the street stormwater system unless separate prior approval is given in writing by the EPA in accordance with the <i>Protection of the Environment Operations Act 1997</i> .	<ul style="list-style-type: none"> • Dewatering Management Plan, Rev02 2/5/2023 • Site inspection 24/10/2023 • Interview with Auditees • NRAR Letter to EI Australia, dated 24/9/2021 • Email from NRAR, dated 8/10/2021 	<p>The discharge of water has been addressed in the Dewatering Management Plan, approved by NRAR.</p> <p>Email from NRAR, dated 8/10/2021 states Condition D24 has been met as outlined in their letter, dated 24/9/2021. <i>(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.</i></p> <p>EI 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.</p>	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.	<ul style="list-style-type: none"> • Dewatering Management Plan, Rev02 2/5/2023 • Email from Blacktown Council, RE: Stormwater Discharge, dated 24/8/2021 • Email submission of Dewatering Management Plan to Council, 24/8/2021 • Site inspection 4/4/2023 	<p>The Dewatering Management Plan was provided to Council for review, dated 24/8/2021. Email from Deicorp also requests <i>"In relation to DA Condition D26 of SSD 10425, Deicorp has been seeking council approval for the discharge of ground water into the council drainage system since 27th July 2021"</i>.</p> <p>Council email, dated 24/8/2021 states any discharge would be at Deicorp's own risk. Council states if decision is made to pump treated water to the stormwater system, <i>"it is to comply</i></p>	Compliant

		<ul style="list-style-type: none"> • Interview with Auditees • E24445.E09.012_Rev0 - Dewatering Summary Letter, 9/11/2022 • EI Emails RE: Water monitoring, Site 1, dated 13/4/2023, 19/4/2023, 26/4/2023, 2/5/2023, 25/5/2023, 6/6/2023, 21/6/2023, 19/7/2023, 31/8/2023, 11/10/2023 • EI Permit to Discharge Emails Site 2 dated 13/4/2023, 19/4/2023, 2/5/2023, 9/5/2023, 19/7/2023, 21/7/2023, 2/8/2023, 31/8/2023 • Table T1 – Dewatering Analytical Results – Site 1 (22/2/2022-31/3/2023) • Table T1 – Dewatering Analytical Results – Site 2 (14/10/2022-7/3/2023) • E24445.E09.013_Rev0 - Summary Letter of Groundwater Extraction - Site 1 & Site 2, dated 14/4/2023 • E24445.E09.013_Rev1 - Summary Letter of Groundwater Extraction - Site 1 & Site 2, dated 27/10/2023 	<p><i>with the "blue book" - Managing urban stormwater: soils and construction, as well as demonstrating the discharged water complies with ANZECC water quality guidelines then the discharge will not be challenged by Council on the basis that the discharge will have 'no environmental impact'".</i></p> <p>At the time of IA5, water from Site 1 was being collected in a settling tank located inside the site hoarding. Compliance with ANZG (2018) discharge criteria is assessed; EI Australia has been engaged since IA2 to manage the process.</p> <p>A summary of water quality monitoring data via email from EI Australia, including summary tables and laboratory results, since IA4 (4/4/2023) was provided as evidence of water quality monitoring. The following general process was applied: preliminary water sample collected by EI and results issued by email – advice either that water is suitable for discharge (with comparisons to ANZG (2018) Fresh water, ANZG (2018) Marine, and ANZECC (2000) / NHMRC (2011) Recreational criteria), or that water was unsuitable for discharge and further treatment and testing would be required.</p> <p>Runoff from across the site, and from basement excavations is collected in a sediment basin in the SE corner of Site 2. From there the water is pumped to</p>	
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			<p>a settling tank, with final discharge to stormwater on the corner of Cudgegong and Schofields Road.</p> <p>During IA5, water also continued to be pumped and discharged via settling tank for Site 1, to stormwater on Conferta Ave.</p> <p>Flow meters were set up at both Site 1 & 2 discharge points to estimate the volume of water pumped from site.</p> <p>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 <i>“Based on the above information provided by the client, the accumulated volume of extracted 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”</i>.</p> <p>*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.</p> <p>NB: <i>It is noted that EIA has been engaged by Deicorp to manage the dewatering process. The decision-making process around whether the water is a suitable quality to discharge</i></p>	
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			<i>is the responsibility of Deicorp and EIA and has not been further investigated during this audit.</i>	
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> .	<ul style="list-style-type: none"> • Dewatering Management Plan, Rev02 2/5/2023 • EI Letter RE: Response on the Dewatering at Site 1 Tallawong Station Precinct South, Rouse Hill NSW, dated 21/4/2022 • Email from Blacktown Council, RE: Stormwater Discharge, dated 24/8/2021 • Email submission of Dewatering Management Plan to Council, 24/8/2021 	<p>As per EI Letter, dated 21/4/2022: <i>“Based on information provided by the client and multiple EI 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 into the basement has been minor. The clay and shale material within the basement has been observed to be dry”.</i></p> <p>The Dewatering Management Plan was provided to Council for review, dated 24/8/2021. Email from Deicorp also requests <i>“In relation to DA Condition D26 of SSD 10425, Deicorp has been seeking council approval for the discharge of ground water into the council drainage system since 27th July 2021”.</i></p> <p>Council email, dated 24/8/2021 states any discharge would be at Deicorp’s own risk. Council states if decision is made to pump treated water to the stormwater system, <i>“it is to comply with the “blue book” - Managing urban stormwater: soils and construction, as well as demonstrating the discharged water complies with ANZECC water quality guidelines then the discharge will not be challenged by</i></p>	Compliant

			<p><i>Council on the basis that the discharge will have ‘no environmental impact’”.</i></p> <p>The discharge of construction water from the site is being managed in accordance with the process outlined as evidence for Condition D25.</p>	
REMEDICATION – ASBESTOS				
D27	<p>The Applicant must ensure that any asbestos encountered is monitored, handled, transported and disposed of by appropriately qualified and licensed contractors in accordance with the requirements of SafeWork NSW and relevant guidelines, including:</p> <p>(a) <i>Work Health and Safety Regulation 2017</i>; (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) <i>Protection of the Environment Operations (Waste) Regulation 2014</i>.</p>	<ul style="list-style-type: none"> • EI Australia RAP, dated 16/4/2020 • EI Australia Waste Classification Certificates: <ul style="list-style-type: none"> • E24445.E05.2.001 to E05.2.009 • EI Asbestos Clearance Certificate, REF E24445.E11.001_Rev0, dated 28/9/2021 • EI Australia correspondence RE: Tallawong Site 2 Waste certificates, dated 19/8/22-12/10/22 • Phreatic Consulting, Contaminated Site Audit Report, Tallawong Station South Precinct – Stage 1, 21/6/2022 • NSW EPA Site Audit Statement, Stage 1, 7/7/2022 • EPA Site Auditor Interim Advice (21023 IA6 Clearance Certificate for Stage 2 Lot 293 in DP 1213279), Phreatic Consulting 10/3/2023 	<p>EI Australia has been engaged by Deicorp to manage the site remediation and associated waste management requirements. Compliance with Condition D27 for Site 1 was addressed in previous audits – refer IA2 & IA3 Audit Reports. Earthworx was engaged as the asbestos removalist and transporter for Site 2. There had been no major earthworks since IA4 in April 2023. EPA Site Auditor Interim Advice (IA) (Clearance Certificate for Stage 2 Lot 293 in DP 1213279) was provided during IA4, dated 10/3/2023. IA notes the following in relation to review of the EIAustralia Validation Report, 1/2/2023 E24445.E07.2_Rev0: <i>“The absence of tip docket is a significant deficiency in the reporting requirements and will need to be addressed, but does not go towards assessment of site suitability. This affects multiple reporting requirements but the absence is not mentioned in the report”</i> (Section 3.7) & <i>“Disposal docket for waste soil were not apparent in the report. Confirmation of disposal volumes</i></p>	Compliant

		<ul style="list-style-type: none"> Eiaustralia (01.02.2023) Validation Report, Tallawong Station Precinct South, Rouse Hill NSW – Site 2. Reference E24445.E07.2_Rev0 	<p><i>(and, in fact, legal disposal of waste soils) is not possible without appropriate documentation” (Section 3.8).</i></p> <p>Verification of compliance with the overall waste classification process will be subject to further assessment by the EPA Auditor, and addressed in future Interim Advice and Clearance Certificates, prior to final issue of a Site Audit Report and Site Audit Statement (as is required by CoA E40 prior to operation).</p> <p><i>*The remediation of groundwater has been assessed separately by El Australia and Phreatic Consulting</i></p> <p>There were no unexpected finds of contamination during the IA5 audit period.</p>	
CONSTRUCTION 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.	<ul style="list-style-type: none"> Site Inspection, 24/10/2023 Interview with Auditees Construction Pedestrian Traffic Management Plan (CPTMP), Site 2, Barker Ryan Stewart, 28/5/2022 Construction Pedestrian Traffic Management Plan (CPTMP), Public Domain, Barker Ryan Stewart, 15/9/2022 	<p>All construction vehicles were contained within the site during the site inspection. Concrete pumping was conducted from the podium inside Site 1 and an application was in place with Council to extend use of the Works Zone on Conferta Avenue (Application RDA-22-01335), expired 26/8/2023.</p> <p>An application for Works Zone has been submitted to Council for Site 2 but was not approved at the time of IA5.</p> <p>The Tallawong CPTMP, Section 4.5 states traffic controllers are required to “stop pedestrian movements briefly</p>	Compliant

		<ul style="list-style-type: none"> • Blacktown Council Works Zone Approval email (Application RDA-22-01335), dated 8/9/2022 • Email from Deicorp to Blacktown Council RE: Tallawong Stage 1 - 2-12 Conferta Avenue Rouse Hill Work Zone Application, dated 16/8/2023 	<p><i>across Conferta Avenue between Aristada Street and Tallawong Road while heavy vehicles are exiting the site along Conferta Avenue".</i> 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.</p> <p>Table 4.1 of the CPTMP states: <i>"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"</i>, controls that were generally in place during the site inspection.</p>	
ROAD OCCUPANCY LICENCE				
D29	A Road Occupancy Licence must be obtained from the relevant transport authority for any works that impact on traffic flows during construction activities.	<ul style="list-style-type: none"> • Interview with Auditees 	<p>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.</p>	Not triggered
NO OBSTRUCTION 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.	<ul style="list-style-type: none"> • Site Inspection, 24/10/2023 • 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 TELEPHONE NUMBER				

D31	The Applicant shall ensure that the 24-hour contact telephone number is continually attended by a person with authority over the works for the duration of the development.	<ul style="list-style-type: none"> • Site Inspection, 24/10/2023 • Interview with Auditees 	24-hour contact number is on Site Notice. See D2.	Compliant
Covering of Loads				
D32	All vehicles involved in the excavation and / or demolition process and departing from the property with materials, spoil or loose matter must have their loads fully covered before entering the public roadway.	<ul style="list-style-type: none"> • Site Inspection, 24/10/2023 • Interview with Auditees 	Requirement to cover loads is documented in the CEMP. There was no spoil load-out at the time of the audit.	Compliant
Vehicle Cleansing				
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.	<ul style="list-style-type: none"> • 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, 24/10/2023 • Interview with Auditees 	<p>AT&L from (Structural Engineers), dated 30/10/2023 notes that: <i>“Blacktown City Council Stormwater Approval for Condition B33 dated 21st June 2023 the WSUD Treatment Train has been amended to suit the DA Approval”.</i></p> <p>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. Deicorp advised they have purchased a street sweeper that will be available for use at the site from 30/10/2023.</p> <p>Manual sweeping of the road was observed at the time of the inspection.</p> <p>Tracking was minimal and being controlled, though dust was observed during truck movements along Conferta Avenue.</p> <p>A wheel wash was available at the site egress rumble grid where required.</p>	Compliant

STORMWATER REQUIREMENTS				
D34	<p>The Applicant shall ensure that the following specifications are met and are not reduced in size or replaced with an alternate manufacturer's product:</p> <p>(a) the twenty-five 690 Storm filter cartridges for the Storm filter chamber supplied by Ocean Protect</p> <p>(b) the Jellyfish filters three numbers of JF 2250-7-2 and one JF 3250-16-3 supplied by Ocean Protect</p> <p>(c) the Gross Pollutant Traps- two numbers HumeGard HG15 and three numbers of HumeGard HG12A supplied by Humes.</p>	<ul style="list-style-type: none"> 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 	<p>AT&L from (Structural Engineers), 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."</p> <p>Letter from Robert Bird Group (RBG) addresses Conditions C25, D34 & D36 and confirms compliance. RBG note that Condition D34 (b) is not related to Stage 1 and that Condition D34 (c) is only part related to Stage1. To clarify, a single HumeGard HG15 Gross Pollutant Trap is to be provided on the Stage 1 site in accordance with the SSDA submitted design. Auditees indicated D34 has not been triggered for Site 1, and is being finalised in the design for Site 2.</p>	Compliant
D35	<p>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.</p>	<ul style="list-style-type: none"> Interview with Auditees 	<p>OSD requirements to be triggered later in the project. Dewatering as per Dewatering Management Plan up until OC.</p>	Not triggered
D36	<p>Provide certification prior to the placement the bioretention filter media ex-bin has:</p> <p>(a) a minimum hydraulic conductivity as defined by ASTM F1815-11 of 250 mm/hr (actual, not predicted)</p> <p>(b) a maximum hydraulic conductivity as defined by ASTM F1815-11 of 700 mm/hr (actual, not predicted)</p> <p>(c) a pH between 5.5 and 7</p> <p>(d) an Orthophosphate content < 20 mg/kg</p> <p>(e) a Total Nitrogen content between 800 and 1000 mg/kg</p> <p>(f) is not hydrophobic.</p>	<ul style="list-style-type: none"> Robert Bird Group Letter to Deicorp RE: SSD Compliance Certificate 002, dated 14/7/2021 	<p>Letter from Robert Bird Group (RBG) addresses Conditions C25, D34 & D36 and confirms compliance. NB: No additional evidence was presented as part of this IA3 to support compliance with Condition D36. The Auditor is relying on the verification of compliance by the Certifier in this instance.</p>	Not triggered

			Auditees indicated D36 has not been triggered for Site 1, and is being finalised in the design for Site 2.	
SYDNEY METRO 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.	<ul style="list-style-type: none"> • Interview with Auditees • Site 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.	<ul style="list-style-type: none"> • 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 respond or provide documentation as soon as practicable to any queries raised by Sydney Metro in relation to the works.	<ul style="list-style-type: none"> • Interview with Auditees • Tallawong Village CCC Meeting Minutes, 28/8/2023 	As per sighted communication provided throughout the audit. 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.	Compliant
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.	<ul style="list-style-type: none"> • 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.	<ul style="list-style-type: none"> • Letter from Robert Bird Group to Deicorp, dated 30/6/2021 • Email from Blacktown City Council (Drainage Development Assessment 	Letter confirms compliance with SSD 10425 Conditions D41 & D42. <i>"RBG confirm that the proposed drainage solution for the development ensures that all site drainage is connected to the existing stormwater network in</i>	Compliant

		Team Leader), dated 20/12/2021	<p><i>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</i>".</p> <p>Email from Council, dated 20/12/2021 refers to Condition B33 (stormwater management system), and states the plans provided "<i>satisfy Council requirements for this stage of the project</i>" (Site 1).</p> <p>Stormwater installation had commenced on Site 2 at the time of IA5.</p> <p>Confirms no overland flow onto Sydney Metro land.</p>	
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.	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Interview with Auditees 	Deicorp advised no work has occurred within 25m of the rail corridor.	Not triggered

	(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.			
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.	<ul style="list-style-type: none"> • 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

Construction Environmental Management Plan (CEMP), Tallawong Station Precinct South – Site 2, 30 May 2022				
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	<ul style="list-style-type: none"> • Interview with Auditees • CEMP, Site 1 Early Works • CEMP, Site 2 • Site inspection 24/10/2023 	<p>One small stockpile was located in a disturbed area on Site 2, in-between 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. The stockpile should be kept damp and Deicorp should consider covering the spoil at the end of each day.</p> <p>El Australia is responsible for waste classification as part of the implementation of the RAP. Bulldust was present in the exposed SE corner of the site, and along the inner southern boundary. Deicorp should consider further stabilisation measures to reduce dust risk here. 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.</p> <p>A mobile water cart with gurney in use at the heavy vehicle access and was available for use across the rest of the site when required.</p>	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	<ul style="list-style-type: none"> • Interview with Auditees • CEMP / Soil and Water Management Plan • Site inspection 24/10/2023 	<p>Site disturbance was mainly limited to the area of excavation for the basements and the internal haul road. Runoff from across the site, and from basement excavations was collected in a sediment basin in the future Stage 3</p>	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			

	Sandbags and other sediment controls shall be installed around stormwater inlets and outlets to prevent dirty discharge from works area entering stormwater systems.	<ul style="list-style-type: none"> Weekly site inspection checklists, 2/5/23, 9/5/23, 16/5/23, 30/5/23, 1/6/23, 8/6/23, 15/6/23, 22/6/23, 29/6/23, 10/7/23, 17/7/23, 24/7/23, 31/7/23, 4/8/23, 11/8/23, 18/8/23, 25/8/23, 2/9/23, 4/10/23, 11/10/23, 18/10/23, 27/10/23 	<p>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.</p> <p>During IA5, water also continued to be pumped and discharged via settling tank for Site 1, to stormwater on Conferta Ave.</p> <p>Controls were in place around stormwater inlets on Conferta Ave.</p> <p>Weekly site inspection checklists were completed by the Site Manager, and available on site for review. Checklists include provision for vibration monitoring, sediment controls, washbay, road cleanliness, dust and noise.</p>	
	Soil and waste stores will be located in designated areas to prevent run off into drains			
	Sediment barriers are required around the stockpiles			
	Temporary diversion drains will be installed to divert clean run-off around the works area			
	Weekly site inspections by the Supervisor with appropriate corrective actions taken immediately			
11 Waste & Material Reuse Management	The construction site will be kept free of rubbish, waste material and debris	<ul style="list-style-type: none"> Interview with Auditees CEMP / Construction Waste Management Plan Site inspection 24/10/2023 Bingo Monthly Reports October 2022 – February 2023 	<p>The site was mainly clean with no uncontained rubbish, waste material or debris observed.</p> <p>A small amount of construction waste had been blown into the sediment basin, and there was an area of what appeared to be concrete slurry on the western batter of the sediment basin. The rubbish and concrete waste should be removed.</p> <p>There was no chemical waste known to have been generated during the project.</p> <p>Construction waste was confined to a designated area with skip bins and general office waste in the site compound on Site 2.</p>	Compliant
	Chemical waste will be removed from site and disposed of at licenced facilities			
	General waste will be stored in the designated bin/skip and removed by the waste contractor on a regular basis			
	Waste monitoring will be recorded on the daily and weekly Inspection report			

			<p>Bingo provides a monthly report that records the volume of materials recycled and disposed to landfill (excluding spoil).</p> <p>Waste tracking records for asbestos and other contaminated material has been verified in Condition D27, and by the Contamination Consultant (EI Australia) and EPA Auditor (Phreatic Consulting).</p>	
Dewatering Management Plan (DMP) – Site 1 & 2				
4.2 Estimated Groundwater Volumes	<p>Site 2: Estimates of groundwater take are as follows:</p> <ul style="list-style-type: none"> • 0.35ML over 150 Days construction • 0.86ML over 12 months operation 	<ul style="list-style-type: none"> • Interview with Auditees) • Site inspection 24/10/2023 • Dewatering Management Plan 	Noted	Not triggered
4.3 Dewatering Level	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 • 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 	<ul style="list-style-type: none"> • Groundwater elevation data (groundwater drawdown) has been presented and shows groundwater levels during construction for Site 1 and Site 2. EI Australia had not identified groundwater drawdown as an issue at the time of IA4 or IA5. • EI 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. 	Compliant

			<ul style="list-style-type: none"> On 27/10/2023, EI 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 <i>“Based on the above information provided by the client, the accumulated volume of extracted 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”</i>. *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. 	
<p>4.4 Dewatering Method</p>	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Interview with Auditees Site inspection 24/10/2023 Dewatering Management Plan Rev02, 2/5/2023 EI Australia Site Dewatering Strategy Water monitoring records and testing and pump register, 24/10/2023 	<p>A Site Dewatering Strategy has been prepared by EI Australia and was being implemented on Site 1 and Site 2 during IA5. Dewatering was being conducted in accordance with the Dewatering Management Plan (DMP) including water quality monitoring and written approval to pump.</p>	<p>Compliant</p>

<p>5.4 Groundwater Treatment</p>	<p>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 measures that may be required, which should include (but not necessarily be limited to):</p> <ul style="list-style-type: none"> • A treatment tank with minimum capacity capable of containing the 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). <p>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.</p>	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 • Dewatering Management Plan Rev02, 2/5/2023 	<p>Section 5.4 Groundwater treatment was removed from the Dewatering Management Plan Rev02 as it was deemed not relevant to the project.</p>	<p>Not triggered</p>
<p>Air Quality Management Plan (AQMP)</p>				
<p>AQ2</p>	<p>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</p>	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 	<p>There were no vehicles entering or leaving the site due to the nature of the works at the time of inspection, though shaker grids were in place at both heavy vehicle access points to Site 2 as required. Heavy vehicle access to Site 1 was via a concrete driveway.</p>	<p>Not triggered</p>

AQ3	The roads surrounding the site shall be regularly swept to ensure pavements are kept free of dust	<ul style="list-style-type: none"> • Site inspection 24/10/2023 	A street sweeper was engaged as required. There was minimal evidence of tracking onto public roads.	Compliant
AQ10	Use solid 2.4m or 3m high hoardings at the site perimeter, and wind barriers at internal excavation boundaries where possible	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 	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	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 	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	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 	The AQMP states “ <i>continuous monitoring of dust is not recommended for the Project</i> ”. “ <i>However, in case of multiple substantiated dust complaints, or persistent visible observed dust leaving site, monitoring may be required</i> ”. There were no complaints known to be issued in relation to dust.	Compliant
Construction Noise and Vibration Management Plan (CNVMP)				
5.5 Recommendations	Rock breaking or rock hammering should be limited to the times identified in condition D7	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 • 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. Future basement excavation was planned for Site 2, Stage 3. The Deicorp Construction Manager indicated he was aware of the respite periods and requirements in D7 around the timing of noise intensive works.	Compliant

			<p>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.</p>	
<p>5.6 Vibration monitoring</p>	<p>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:</p> <ul style="list-style-type: none"> • Eastern boundary of the site – representative of the switching station • Southern boundary of the site – representative of worst affected residents <p>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.</p>	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 • CNVMP • Acoustic Logic Vibration Monitoring Reports (Site 2): <ul style="list-style-type: none"> ○ 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 	<p>According to the CNVMP, the requirement for vibration monitoring is triggered during rock hammering.</p> <p>The five towers at Site 1 were almost at final level at the time of IA5. Towers Q, R & S on Site 2, Stage 2D were also almost at final level. Towers F, G, H, J & K had commenced construction up to Level 1.</p> <p>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.</p> <p>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.</p>	<p>Compliant</p>

			Previous monitoring reports concluded vibration levels were satisfactory and exceedances, where they occurred, were attributed to external sources, i.e. not related to the project works.	
5.6 Vibration monitoring	<p>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).</p> <p>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.</p>	<ul style="list-style-type: none"> • Interview with Auditees • Acoustic Logic Vibration Monitoring Reports (Site 2): <ul style="list-style-type: none"> ○ 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 	<p>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.</p> <p>Vibration monitors were removed from site after IA4 due to excavation to final basement level almost complete.</p> <p>There was no further rock hammering or vibration monitoring required or conducted during the IA5 audit period.</p>	Compliant
5.5 Recommendations	<p>Complaints handling:</p> <ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 	No noise complaints known to have been made in relation to the project.	Not triggered

<p>5.6.5 Additional Recommendations</p>	<p>Materials handling/vehicles:</p> <ul style="list-style-type: none"> • 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 construction materials into empty trucks • Trucks, trailers and concrete trucks (if feasible) should turn off their engines during idling to reduce noise impacts. 	<ul style="list-style-type: none"> • Interview with Auditees • Site inspection 24/10/2023 • Earthworx Plant Pre-Start, excavator EX3611, 1/4/2023 	<p>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 IA5 audit period.</p> <p>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.</p>	<p>Compliant</p>
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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-23

Andrew Coleman
Construction & Development Executive
DEICORP CONSTRUCTION PTY LTD
Gadigal Country
Level 3, 161 Redfern Street
Redfern New South Wales 2016
26/09/2023

Sent via the Major Projects Portal only

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

Dear Mr Coleman

Reference is made to your post-approval matter, SSD-10425-PA-23, request for the Planning Secretary's approval of a suitably qualified, experienced, and independent person to conduct the fifth 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 and Environment (**NSW Planning**) on 25 September 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 A25 of the Consent and the NSW Planning's *Independent Audit Post Approval Requirements (2020) (IAPAR)*, as nominee of the Planning Secretary, I endorse Josephine Heltborg from Morasey Environmental Pty Ltd to carry out the fifth 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.

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

A handwritten signature in black ink, appearing to read "Julia Pope".

Julia Pope
Team Leader Compliance - Metro
Compliance

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

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

Declaration of Independence Form

Project name	Tallowong Station Precinct South
Consent Number	SSD 10425
Description of Project	Construction of a staged mixed-use development (Tallowong Station Precinct South) comprising: <ul style="list-style-type: none">• 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 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
Project Address	1-15 and 2-12 Conferta Avenue, Rouse Hill, Lots 293 and 294/DP 1213279
Proponent	Deicorp Construction Pty Limited
Date of Determination	20 July 2021

I declare that:

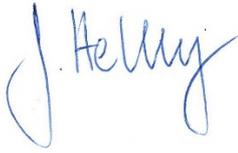
- i. I am not related to any proponent, owner, operator or other entity involved in the delivery of the project. Such a relationship includes that of employer/employee, a business partnership, sharing a common employer, a contractual arrangement outside an Independent Audit, or that of a spouse, partner, sibling, parent, or child;
- ii. I do not have any pecuniary interest in the project, proponent or related entities. Such an interest includes where there is a reasonable likelihood or expectation of financial gain (other than being reimbursed for performing the audit) or loss to the auditor, or their spouse, partner, sibling, parent, or child;
- iii. I have not provided services (not including independent reviews or auditing) to the project.
- iv. I am not an Environmental Representative for the project; and
- v. I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so.

Notes:

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

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

(giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both)

Name of Proposed Auditor	Josephine Heltborg
Signature	
Qualification	Master of Environmental Management Exemplar Global Auditor Number 111000
Company	Morasey Environment Pty Ltd
Date	15 September 2023

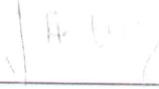
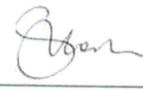
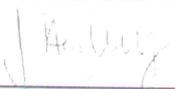
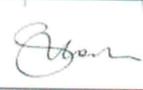
Independent Environmental Audit Report

Deicorp Construction Pty Ltd

**Tallawong Station Precinct South (SSD 10425)
Rouse Hill NSW**

Attachment 4: Audit Attendee List | IA5

SSD10425 TALLAWONG STATION PRECINCT SOUTH SITE 1 & SITE 2
 INDEPENDENT ENVIRONMENTAL AUDIT 5
 24 OCTOBER 2023

OPENING MEETING - ATTENDEES		
NAME	POSITION & COMPANY	SIGNATURE
J. Heltborg	Auditor, Morasey	
G. Madsen	Project Manager, Deicorp	
M. Liang	Contracts Administrator, Deicorp	
B. Tancev	Site Manager, Deicorp	
CLOSING MEETING - ATTENDEES		
NAME	POSITION & COMPANY	SIGNATURE
J. Heltborg	Auditor, Morasey	
G. Madsen	Project Manager, Deicorp	
M. Liang	Contracts Administrator, Deicorp	
B. Tancev	Site Manager, Deicorp	

Independent Environmental Audit Report

Deicorp Construction Pty Ltd

**Tallawong Station Precinct South (SSD 10425)
Rouse Hill NSW**

Attachment 5: Consultation Records | IA5

Jo Heltborg

From: Jo Heltborg
Sent: Tuesday, 26 September 2023 7:21 PM
To: compliance@planning.nsw.gov.au
Cc: Samuel Condon; Grant Madsen; Mark Liang
Subject: Independent Audit 5 - SSD 10425 Tallawong Station Precinct South
Attachments: Appointment of Experts_26092023_103921.pdf

Dear DPE,

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 DPE Independent Audit PARs, 2020 (IAPARs).

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

- Assessment of compliance with Parts A & 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 off-site 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 5th audit (IA5) is scheduled on 24th October 2023.

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

Kind regards,

III MORASEY

Josephine Heltborg
Principal Environmental Auditor
Morasey Environment Pty Ltd
M:

W: www.morasey.com.au