

Independent Audit 3 – Deicorp Response 20/2/23

Table 1: Summary of Non-Compliances SSD 10425 – IA3

CoA	Summary of Non-Compliance	action
A26	The IA2 Audit Report was not available on the project website at the time of IA3: https://tallawongda.northwestvillage.com.au/	Upload a copy of the IA3 Audit Report to the project website within 60 days of submission to the Planning Secretary.
D23	There were no ERSED controls in place along the swale, which was created with bare earth, potentially increasing sediment load prior to discharge to the stormwater system. Drainage rock had been applied by a previous contractor around the stormwater inlet outside the site on the corner of Schofields and Cudegong Road.	Review and implement the Soil and Water Management Plan to reduce the risk of sediment entering the stormwater system.
D25	At the time of IA3, there was no evidence of water quality sampling being conducted during the discharge of water from Site 2.	Recommended Action: Implement the Dewatering Management Plan for Site 2 to ensure compliance with Condition D25.

Section 10 Soil and Water Management	There were no ERSED controls in place along the swale, which was created with bare earth, potentially increasing sediment load prior to discharge to the stormwater system. Drainage rock had been applied by a previous contractor around the stormwater inlet outside the site on the corner of Schofields and Cudegong Road.	Review and implement the Soil and Water Management Plan to reduce the risk of sediment entering the stormwater system.
---	--	--

<p>Section 4.4 Dewatering Method</p>	<p>The preparation of a Site Dewatering Strategy was in progress at the time of the audit. Deicorp were in the process of engaging a specialist to provide advice on water treatment options / equipment required, based on the first round of water quality monitoring results for Site 2, which were pending at the time of this IA3.</p> <p>As excavation had already commenced at the time of this IA3, the project was Non-Compliant with Section 4.4 of the DMP at the time of the audit for Site 2.</p>	<p>Finalise and agree on the Dewatering Strategy for Site 2 in accordance with Section 4.4 Dewatering Method of the DMP.</p>
<p>Section 5.3 Groundwater Quality Monitoring</p>	<p>Dewatering had commenced on Site 2 at the time of audit, though visual monitoring requirements as documented in the DMP had not yet been implemented.</p>	<p>Conduct and record visual inspections (daily where possible) for Site 2 in accordance with Section 5.3 Groundwater Quality Monitoring of the DMP.</p>

<p>C39 (c) & (e)</p>	<p>(c) The Groundwater Monitoring Report does not include analysis of results, or a discussion of graphs which indicate a possible overall trend of decreasing groundwater levels during construction. Validation of the accuracy of the seepage model has not been confirmed.</p> <p>(e) As outlined in EI's Letter, 5/8/2021, a DMP for the operational phase will be developed following construction of the basement. This will take into account water quality and volumes identified during basement construction. It will specifically outline the monitoring and reporting schedule.</p>	<p>Provide an analysis of groundwater level data, including potential effects of groundwater drawdown, if relevant, and validation of the accuracy of the seepage model.</p> <p>Ensure a DMP for the operational phase is developed following construction of the basement.</p>
<p>D28</p>	<p>During the site inspection trucks were parked up along the hoarding outside the site on Conferta Avenue to pump concrete and for other materials deliveries.</p> <p>The former nature strip (in use as a loading/work zone) had been concreted.</p> <p>An email from Blacktown City Council, dated 8/9/2022 was provided as evidence of</p>	<p>Ensure a current Work Zone approval is in place at all times where required.</p>

	<p>approval for use of the area as a Work Zone until 26 August 2023 subject to terms and conditions and payment.</p> <p>Acknowledgement of receipt of payment was included in a further email, dated 17/10/2022.</p> <p>It is not clear whether the work zone was in use for a period where conditions were not met but this is considered a matter for Council to verify.</p>	
D29	<p>At the time of site inspection one lane was closed on Conferta Avenue to allow room for trucks to load spoil and pump concrete (see description for D28). Traffic control was in place.</p> <p>Deicorp advised the Work Zone approval (refer D28) also covers the lane closure, though associated Plans attached to the Work Zone approval were not made available for review.</p>	<p>Ensure a current approval is in place for lane closures at all times where required.</p>
DMP, 5.3.4 Discharge Flow and Volume Monitoring	<p>A flow meter had been installed on Site 1 to measure the rate and volume of water discharged from the basement excavation.</p> <p>EIA indicated an assessment of these records would be undertaken to calculate the actual groundwater volume discharged from the site and will be included in the final Dewatering Completion Report (Section 5.3.3) to be issued to Council and DPE Water after the completion of dewatering activities.</p> <p>Another assessment would be undertaken after 12 months of pumping to calculate the actual volume of groundwater discharged from Site 1 during Construction (to validate WAL limits have not been exceeded).</p>	<p>Ensure a flow meter is installed at Site 2, and records maintained to ensure compliance with the DMP Section 5.3.4 Discharge Flow and Volume Monitoring</p>

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	Implement the DMP Section 5.4 Groundwater Treatment prior to the next Independent Audit (IA4)
CNVMP, 5.6 Vibration monitorin	<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>For Site 2, Deicorp advised no rock hammering has been required to date, so requirement to conduct vibration monitoring has not been triggered.</p>	<p>Ensure vibration monitoring is conducted at the southern and eastern boundaries of Site 2 in the event rock hammering is required.</p> <p>Comply with Section 5.6 Vibration monitoring of the CNVMP.</p>
CNVMP, 5.6.5 Additional Recommendati on	<p>Trucks and bobcats to use non-tonal reversing beacon (subject to WHS requirements) to minimise potential disturbance to neighbours.</p> <p>Plant Pre-Start checks did not include the verification of reversing travel alarms.</p>	<p>Update the Plant Pre-Start Checklist to include the requirement for reversing quackers for all plant and equipment where relevant</p>