APPENDIX B – UPDATED MITIGATION MEASURES

Section 7.1 of the EIS contains a summary of the mitigation measures for the proposed DCI Poplars Data Centre. An updated summary of mitigation measures, based on the changes outlined in this Submissions Report, is provided in the following table. The additional or amended mitigation measures are shown in blue for ease of reference.

Issue	***Mitigation Measure***
General Environmental Management	• DCI would prepare a detailed Construction Environmental Management Plan (CEMP) for the development, prior to the commencement of construction
Design and Visual	• The data centre would be developed generally in accordance with the architectural and landscape plans for the project
	• All external lighting would be installed in accordance with *AS 4282(INT) - Control of Obtrusive Effects of Outdoor Lighting*
Soil and Water	• The data centre would be developed generally in accordance with the Erosion and Sediment Control Plan for the project, and the Department's *Managing Urban Stormwater – Soils and Construction* guidelines
	• An Unexpected Finds Protocol and Asbestos Management Plan would be prepared and implemented as part of the CEMP to manage any unexpected site contamination encountered during the construction works
	• The data centre would be developed generally in accordance with the Stormwater Management Plan for the project. A final Stormwater Management Plan would be prepared in consultation with Council, in accordance with Council engineering specifications, prior to the commencement of construction.
	• Chiller/s would be programmed with set parameters that only activate the adiabatic system within the chiller once high ambient temperatures are reached to reduce water consumption.
Noise and Air Quality	• Construction and operation of the data centre would be managed in accordance with the relevant noise criteria under the: ○ *Noise Policy for Industry (NPfI)*; ○ *Interim Construction Noise Guideline (ICNG)*; and ○ *Road Noise Policy*
	• Construction activities would be undertaken generally within the standard hours stipulated in the EPA's *Interim Construction Noise Guideline*
	• Construction noise would be managed in accordance with the measures outlined in the Noise Assessment, which would be addressed on the CEMP for the development. The measures would include: ○ noise management controls, including: - site induction training; - operator instruction; - site noise planning, including locating noisy plant away from nearby receivers; - scheduling noisy activities so that they do not occur simultaneously, and/or during less sensitive time periods; and - selecting less noisy plant and equipment where practicable; ○ maintaining effective community consultation; and ○ maintaining a complaints handling and management system
	• Dust emissions during construction works would be managed in accordance with standard best practice techniques as outlined in the Air Quality Assessment, which would be addressed in the CEMP for the development. The measures would include: ○ minimising the area of disturbance as far as practicable; ○ minimising drop heights for materials being worked on the site; ○ keeping exposed surfaces moist at all times;

Issue	*Mitigation Measure*
	○ rehabilitating/revegetating disturbed surfaces as soon as practicable; and ○ ensuring that trucks are covered and do not track sediment onto public roads
Greenhouse Gas and Resource Use	• The data centre would be developed generally in accordance with the energy and water resource use efficiency measures outlined in the Submissions Report and the revised ESD Report
	• DCI would target industry best practice energy performance targets for the proposed data centre, namely: ○ NABERS ≥ 5 Stars; and ○ PUE ≤ 1.3
	• DCI would continue to investigate reasonable and feasible alternatives to diesel back-up power generation
Heritage	• An Unexpected Finds Protocol would be prepared and implemented as part of the CEMP to manage any unexpected heritage items encountered during the construction works
Traffic	• Site access, parking and internal circulation arrangements for the project would be developed in accordance with relevant Australian Standards (including AS2890.1 and AS2890.2)
	• A Construction Traffic Management Plan (CTMP) would be prepared and implemented as part of the CEMP to appropriately manage traffic and traffic-safety during construction works
Wastes and Hazards	• The data centre would be developed and managed generally in accordance with the Waste Management Plan for the project
	• The data centre would be developed in accordance with the recommendations of the Bushfire Assessment for the project, including provision of: ○ Asset Protection Zones; ○ landscaping in accordance with the Planning for Bushfire Protection guidelines; ○ building construction for Stage 1 to comply with Sections 3 and 6 (BAL 19) of AS 3959:2018; ○ water supply and hydrants in accordance with the BCA and relevant Australian Standards; ○ underground electrical services; and ○ preparation of an Evacuation Plan for the facility
	• All dangerous goods and hazardous substances would be stored in accordance with applicable standards, including the POEO Regulation 2019, *AS 1940-2004, AS/NZS 4681* and *AS IEC 62619*
	• DCI would prepare a: ○ Fire Safety Study (FSS) in accordance with the requirements of the Hazardous Industry Planning Advisory Paper (HIPAP) No.22, prior to the commencement of construction; ○ Emergency Plan in accordance with HIPAP No.1, prior to the commencement of operations; and ○ Emergency Services Information Package (ESIP) in accordance with FRNSW *Fire Safety guideline – Emergency services information package and tactical fire plans*, prior to the commencement of operations.