



## Appendix B Consolidated Mitigation Measures for SSD-10448 (MOD11), SSD-46516461 (MOD4), SSD-58257960 (MOD3) and SSD-60513208 (MOD3)

The following **Appendix B** outlines the recommended mitigation measures in response to potential impacts identified in Section 6 of this Modification Report. The structure of mitigation measures is based on the DPHI's hierarchy of approaches for managing impacts identified in the *Draft Environmental Impact Assessment Guidance Series* released by DPHI in June 2017, as:

- **Performance based measure** – identify performance criteria that must be complied with to achieve an appropriate environmental outcome but do not specify how the outcome is to be achieved.
- **Prescriptive measure** – require action to be taken or specify something that must not be done.
- **Management based measure** – identify one or more management objectives that must be achieved through the implementation of a management plan.

Following the implementation of appropriate mitigation measures as recommended, it is determined that the proposal will not result in any significant adverse impacts on the surrounding environment.

A consolidated set of mitigation measures required for each of the environmental and social impacts identified in Section 6 of the Modification Report are outlined in **Table 1** below. The mitigation measures directly respond to each impact and are based upon the range of technical and specialist consultant reports appended to the EAR. The type of mitigation measure as noted within the table below are as follows:

- 'Pe' – performance based mitigation measure. or
- 'Pr' – prescriptive based mitigation measure, or
- 'Ma' – management based mitigation measure.

Table 1 Mitigation Measures

Issue	Potential Impacts	Mitigation Measures	Type of Measure (Pe/Pr/Ma)
Stormwater and Drainage	<p>Potential impacts to water quantity and quality due to the approved <b>Warehouse 1, 2, 3, 6, 7 8 &amp; 9 and estate café</b> development (SSDA developments up to Stage 5) in advance of delivery of the regional stormwater scheme within the Mamre Road Precinct.</p> <p>The updated modelling conducted in support of the proposals demonstrates that subject to the previously approved stormwater mitigation measures, the updates to the assumptions of the EEP (SEED) site as per the EEP Stage 1A SSDA will not result in any adverse impacts.</p>	<p>No changes to the mitigation measures are required compared to the stormwater management measures that have been approved at AIE. The stormwater quality, quantity and flow impacts generated by the SSDAs Stage 1 to Stage 5 will be managed through the following approved mitigation measures:</p> <ul style="list-style-type: none"> <li>Approved provision of a retention pond and bio-retention system, incorporated into the estate detention basin between Mamre Road and Lot 1 for stormwater and transfer of retained stormwater from the approved estate basin for irrigation of the approved realigned trunk drainage channel along the Estate's northern boundary (the retention pond has been approved under SSD-10448 MOD 8 and has been constructed and is operational).</li> <li>Rainwater tanks to accommodate a minimum 80% non-potable water supply requirement for the Warehouse 1, 2, 3, 6, 7 8 &amp; 9 and estate café developments.</li> <li>Gross Pollutant Traps (<b>GPTs</b>) designed to capture litter, debris, coarse sediment, as well as some oils and greases. These are installed on the lot (delivered in a staged matter aligning with the Stage 1 – 5 developments) prior to stormwater discharge to the estate wide stormwater drainage network.</li> <li>On-site stormwater (<b>OSD</b>) design parameters, approved under the original SSD-10448 consent.</li> </ul> <p>Through these approved measures, the proposals will continue to achieve the DCP stormwater quality, quantity and flow targets and will not result in any adverse impacts. The stormwater quality, quantity and flow impacts are to be managed through the updated Stage 1 – 4 Stormwater Management Plans (SMPs).</p> <p>The SMPs identify that the following water management measures will need to be implemented: Additionally, the SMPs establish monitoring, reporting and auditing processes to</p>	Pr



Issue	Potential Impacts	Mitigation Measures	Type of Measure (Pe/Pr/Ma)
		ensure that the relevant targets are met subject to the water management measures. Contingency actions are also identified under the SMPs in the instance the stormwater management measures are not effective in managing the environment.	