



APPENDIX D CONSOLIDATED MITIGATION MEASURES FOR SSD-10448(MOD 1)

The following **Appendix D** outlines the recommended mitigation measures in response to potential impacts identified in Section 7 of this EIS. The structure of mitigation measures is based on the DPIE's hierarchy of approaches for managing impacts identified in the *Draft Environmental Impact Assessment Guidance Series* released by DPE 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 7 of the MOD 9 EAR 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 MOD 9 Mitigation Measures

Issue	Potential Impacts	Mitigation Measures	Type of Measure (Pe/Pr/Ma)
Acoustic	<p>Acoustic impacts to nearby sensitive receivers resulting from the updated vehicle parking locations, travel paths and operations.</p> <p>The proposal will result in a minor exceedance to the NML5 night-time criteria, the acoustic impacts remain within the acceptable limits identified in NPfl.</p>	<p>No additional mitigation measures are required beyond those established under SSD-10448 approval. Consistent with original approval, the following mitigation measures will be maintained:</p> <ul style="list-style-type: none"> ▪ Ensure development does not exceed appropriate noise limits with consideration of the NPfl requirements and the update site layout. ▪ Continued restriction of strong, low frequency content for the warehouse plants' tonal characteristics. 	Pe
Water and Energy Usage	<p>Updated warehouse layout and GFA may result in impacts to the water and energy usage of the development.</p> <p>The modified development is to be developed in accordance with the ESD principles committed to as part of SSD-10448. No additional adverse impacts are anticipated.</p>	<p>No additional mitigation measures are required beyond those established under SSD-10448 approval. Consistent with original approval, the modified proposal will maintain the appropriate ecologically sustainable design elements to mitigate any adverse impacts to water and energy usage. Such elements include rainwater harvesting, natural ventilation, efficient HVAC performance etc.</p>	Ma
Air Quality	<p>Dust, air quality and odour impacts generated by the modified construction.</p> <p>The modified development construction and operations will see negligible change from the approved development with consideration of the</p>	<p>No additional mitigation measures are required beyond those established under SSD-10448 approval. Consistent with original approval, the following mitigation measures will be maintained for the modified construction works:</p> <ul style="list-style-type: none"> ▪ standard air quality control measures 	Pe

Issue	Potential Impacts	Mitigation Measures	Type of Measure (Pe/Pr/Ma)
	nearest sensitive receivers.	<ul style="list-style-type: none"> standard dust minimisation measures standard odour mitigation measures for construction 	
Visual Impact Assessment	<p>Visual impacts onto the nearby residential receivers and viewpoints.</p> <p>Due to the nature of the proposed modification, only viewpoints with sightlines to the northern portion of the site will see adjustments to the built form.</p> <p>There will be no change in visual impact ratings from the original development.</p>	<p>No additional mitigation measures are required beyond those established under SSD-10448 approval. Consistent with original approval, the following mitigation measures will be maintained:</p> <ul style="list-style-type: none"> Development at the site is to establish and support the appropriate landscape screening in accordance with the updated landscape plans. 	Ma
Stormwater and Drainage	<p>Potential impacts to water quantity and quality due to the updated site and building layout.</p> <p>It was found that no additional water quantity and quality impacts are anticipated as part of the modified development.</p>	<p>No additional mitigation measures are required beyond those established under SSD-10448 approval. Consistent with original approval, the proposal includes the appropriate water management measures (e.g. WSUD systems, stormwater management systems, erosion and sediment controls)</p>	Pr
Traffic, Transport and Parking	<p>Impacts to the surrounding traffic levels as well as to the swept path and access arrangements across the site.</p> <p>The modified development will see a reduced level of parking demand and subsequently, reduced traffic impacts. The modified</p>	<p>No additional mitigation measures are required beyond those established under SSD-10448 approval for the anticipated traffic levels.</p> <p>As to facilitate the safe and effective access into the site, the modified access arrangement will be supported by the appropriate management measures including a deceleration lane into the</p>	Pr



Issue	Potential Impacts	Mitigation Measures	Type of Measure (Pe/Pr/Ma)
	development will maintain the appropriate accessibility and swept paths.	Warehouse 1 truck entry driveway from Road 01. No additional mitigation measures are required for the intended access arrangements.	