










Environmental Impact Statement



Conclusions Factsheet



This factsheet provides a summary of the stated conclusions for each effect as assessed in the Environmental Impact Statement for the proposed Submarine Construction Yard located on the preferred development site in Osborne, South Australia.

Effect	Conclusion
 Local, Regional and State Economies	<p>The finding from the assessment is that there are significant benefits to the South Australian economy at all levels through construction and operation of the development. However, the South Australian Government and Australian Government will need to give consideration and manage competition for skilled labour and land requirements.</p>
 Air Quality	<p>No significant air quality effects have been identified. Air quality can be maintained within acceptable limits for the environment and community through the adoption of infrastructure design (including controls and filtration) and standard construction and operation mitigation and management measures, as currently implemented on the existing Osborne Naval Shipyard.</p>
 Transport and Traffic	<p>No significant adverse effects on transport and traffic network during construction is anticipated. Traffic generated as a result of the development workforce during the operational phase, in combination with other planned growth on the Lefevre Peninsula, has the potential to exceed the road network design capacity from Port Adelaide, northwards up the Lefevre Peninsula if appropriate mitigations strategies are not adopted. Planning will need to be progressed, including partnerships with a number of government agencies, to manage capacity and cater for future demand to offset the future planned growth of the Lefevre Peninsula.</p>
 Noise and Vibration	<p>During construction, nearby receivers could experience short-term noise effects during construction however this is manageable and anticipated for development of this size and scale. Operational noise levels are expected to be the same as the existing Osborne Naval Shipyard facility, and with good infrastructure design, and application of the required design standards, are predicted to comply with relevant noise criteria. Traffic noise is expected to increase along the road network in the future as planned growth in the Lefevre Peninsula increases. Planning will need to be progressed, including partnerships with a number of government agencies, to manage capacity and cater for future demand to offset the future planned growth of the Lefevre Peninsula. No significant vibration effects are anticipated.</p>
 Visual Amenity	<p>There will be some long, medium and short views of the development where change will occur and infrastructure will be visually prominent. However, no significant effects have been identified given the existing industrial character of the development site and existing infrastructure in the surrounding area.</p>
 Biosecurity	<p>No significant effects have been identified in relation to biosecurity for both the construction and operational phases. Biosecurity can be controlled through the adoption of existing standard mitigation measures. These measures are the same as those demonstrated successfully during construction and in operation for the existing Osborne Naval Shipyard.</p>
 Marine Flora and Fauna	<p>No significant effects have been identified in relation to marine plants and animals. Potential impacts can be mitigated and controlled through the adoption of standard construction and operation mitigation measures. These measures are the same as those demonstrated successfully during construction and in operation for the existing Osborne Naval Shipyard.</p>

Effect	Conclusion
 Terrestrial Flora and Fauna	No significant effects have been identified in relation to terrestrial flora and fauna. Impacts can be controlled through the adoption of standard construction and operation mitigation measures. These measures are the same demonstrated successfully for those implemented during construction and in operation for the existing Osborne Naval Shipyard.
 Climate Change Adaptation	The climate adaptation and resilience measures identified and adopted by the development seek to minimise climate risks due to future climate change. The assessment has found that the development is resilient to likely climatic changes with no significant effects currently identified.
 Greenhouse Gas Emissions	No significant greenhouse gas emissions effects have been identified. The development's greenhouse gas emissions are considered to be a small component of State carbon budgets over the development's lifecycle. The development has the opportunity to adopt good practice measures to avoid and minimise greenhouse gas emissions during the construction and operation phases and will support South Australia's transition to net zero by or before 2050.
 Waste Management	No significant waste management effects have been identified. The development will adopt good practice measures to avoid and minimise waste and will follow the waste hierarchy (avoiding, reducing, reusing, recycling and recovering waste as a priority over treating and disposing waste). These measures are the same those demonstrated successfully during construction and in operation for the existing Osborne Naval Shipyard. All radioactive waste will be managed in accordance with international best practice and in accordance with Australia's international and domestic legal obligations and commitments.
 Flooding	No significant effects have been identified in relation to flooding for both the construction and operational phases.
 Site and Groundwater Contamination	Extensive site and groundwater investigations have been undertaken over time across the development site. Sampling, testing and reporting has to date confirmed that potential soil and groundwater contamination impacts during the construction and operational phases can be effectively and appropriately managed such that no significant effects are expected. Management measures required are the same as those demonstrated successfully during construction and in operation for the existing Osborne Naval Shipyard.
 Coastal and Marine	No significant effects have been identified in relation to the placement of dredged material within the Gulf St Vincent, nor from changes to coastal processes during operation of the development.
 Surface Water and Groundwater	No significant effects have been identified in relation to surface water and groundwater quality during the construction and operational of the development.
 Aboriginal Cultural Heritage	There are no known Aboriginal heritage sites within the development site. The development site has been assessed as having a low risk of works impacting unknown Aboriginal heritage sites. Any potential risk of encountering unknown Aboriginal heritage sites can be managed with standard construction mitigation measures. Overall, no significant effects have been identified on Aboriginal heritage sites. Management measures required are the same as those demonstrated successfully during construction and in operation for the existing Osborne Naval Shipyard.

Effect	Conclusion
 <p>Community Wellbeing / Social Impact Assessment</p>	<p>It is acknowledged that the community may feel perceived impacts as a result of the development, however the assessment has not identified any significant effects. The development will generate social and community benefits and impacts, with most of these being beyond the area under the control of the development and Australian Naval Infrastructure (ANI). ANI, in partnership with the shipbuilder, will work with Local, State and Commonwealth Government to support the community through this change, to ensure locals and broader South Australians enjoy the benefits of the development, and negative impacts are minimised. For this reason, the Commonwealth, State and Local Government are working together to minimise social impact and maximise social opportunities. Management measures required are the same as those demonstrated successfully during construction and in operation for the existing Osborne Naval Shipyard.</p>
 <p>Heritage Places and Areas</p>	<p>No significant effects have been identified in relation to Heritage places and areas. There is no reasonable cause to suspect that excavation of the development site will result in an archaeological artefact of significance being discovered.</p>

For further details relating to each effect please read the Environmental Impact Statement Report or Executive Summary available at www.yoursay.sa.gov.au/submarine-construction-yard-eis.

If you have any questions about the Environmental Impact Statement process you can contact PlanSA on 1800 752 664 or email PlanSA@sa.gov.au.

For further information about the Submarine Construction Yard visit www.ani.com.au/nuclear-powered-submarine-construction-yard.