

Theme	Environmental factor	Policy / guidance	Is the policy relevant to the Proposal?	How is the policy relevant to the Proposal?
Sea	Benthic communities and habitat Coastal processes Marine environmental quality Marine fauna	EAG3, EAG5, EAG7, EAG8, EAG15, EAG18 EPB18	Not applicable. Proposal expected to have negligible impact on marine environment. Proposal 5 km inland from coast.	Not applicable.
Land	Flora and vegetation	GS 51 – Terrestrial Flora and Vegetation Surveys for Environmental Impact Assessment in WA Technical Guide – Flora and Vegetation Surveys for Environmental Impact Assessment PS 2 – Environmental Protection of Native Vegetation in WA PS 3 – Terrestrial Biological Surveys as an Element of Biodiversity Protection EPB 20 - Protection of naturally vegetated areas through planning and development	Yes. Proposal involves clearing of native vegetation.	Level 1 flora and vegetation survey undertaken for Proposal. Refer to Section 4, Section 6 and Appendix 9 of Environmental Review. Survey found majority of vegetation to be cleared was in 'degraded' to 'completely degraded' condition. No threatened species found during field survey, however potential for threatened Vasse Featherflower ( <i>Verticordia plumosa</i> var. <i>Vassensis</i> ) to be present along Vasse Highway. This is a shrub that will not be affected by clearing/pruning of trees for changes to the Obstacle Limitation Surface (OLS). Once the extent of clearing/pruning for the OLS is confirmed, all Featherflower plant species (rare or common) will be identified, tagged and protected during clearing/pruning operations.
		EPB 21 - Guidance for wind farm developments	Not applicable. Proposal is not a windfarm.	Not applicable.
	Landforms	GS 6 – Rehabilitation of Terrestrial Ecosystems EPB 23 - Guidance on the EPA's Landforms factor	Not applicable. Proposal expected to have a low impact on existing Abba Plains landforms of area.	Not applicable.

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	Subterranean fauna	EAG 12 - Consideration of subterranean fauna in environmental impact assessment in Western Australia GS 54a – Sampling Methods and Survey Considerations for Subterranean Fauna in WA	Not applicable. Proposal will involve shallow excavations (<2 metres below ground level) with dewatering limited to these depths and limited to construction period. Drawdown from open stormwater drains will be similar to existing airport. Proposal expected to have negligible impact on any stygofauna populations.	Not applicable.
	Terrestrial environmental quality	GS 6 – Rehabilitation of Terrestrial Ecosystems EPB 22 - Hydraulic fracturing for onshore natural gas from shale and tight rocks	Not applicable. Proposal is not an onshore gas project.	Not applicable.
	Terrestrial fauna	GS 20 – Sampling of Short Range Endemic Invertebrate Fauna for Environmental Impact Assessment in WA GS 56 – Terrestrial Fauna Surveys for Environmental Impact Assessment in WA PS 3 – Terrestrial Biological Surveys as an Element of Biodiversity Protection Technical Guide on Terrestrial Vertebrate Fauna Surveys for Environmental Impact Assessment EPB 20 - Protection of naturally vegetated areas through planning and development	Yes. Proposal involves clearing of native vegetation and potential disturbance to waterbirds from aircraft movements.	Targeted level 1 survey undertaken for habitat for threatened Western Ringtail Possum (WRP) and Black Cockatoos. Refer to Section 4, Section 6 and Appendix 9 of Environmental Review. Survey found no suitable habitat for WRP present and the Marri woodland and scattered Marri/Tuart trees comprises poor foraging habit with no roosting or hollow bearing trees in the area, low amounts of nuts present and no signs of foraging. Survey found majority of vegetation to be cleared was in 'degraded' to 'completely degraded' condition. Accordingly the vegetation has limited habitat value for short range endemic invertebrate fauna. Desktop review and risk assessment undertaken for disturbance to waterbirds from aircraft movements. Refer to Section 5 and Appendix 8 of Environmental Review.
		EPB 21 - Guidance for wind farm developments	Not applicable. Proposal is not a windfarm.	Not applicable.

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Water	Hydrological processes Inland waters environmental quality	PS 4 – Environmental Protection of Wetlands	Yes. Proposal involves infilling of wetlands, discharge to Vasse-Wonnerup wetlands.	Two seasonal wetlands to north-west of runway proposed to be cleared and in-filled. These wetlands have 'completely degraded' vegetation and are impacted by cattle trampling. The wetlands are assessed as Multiple Use, primarily for pasture to support agricultural production.  Proposal expected to have negligible hydrological impacts to Vasse-Wonnerup wetlands, through stormwater runoff attenuation such that post-development peak flows are within pre-development peak flows.  Proposal expected to have negligible water quality impacts to Vasse-Wonnerup wetlands, through limiting landscaping area, use of native species and soil amendment, vegetated drainage systems, spill control procedures and interceptors.  Estimated 70% of runoff from airport discharges via Vasse Diversion Drain direct to Geographe Bay, bypassing the Vasse River/Estuary.  Refer to Section 6 of Environmental Review.
		EPB 22 - Hydraulic fracturing for onshore natural gas from shale and tight rocks	Not applicable. Proposal is not an onshore gas project.	Not applicable.
Air	Air quality	GS 3 – Separation Distance between Industrial and Sensitive Land Uses	Not applicable. Proposal expected to have negligible impact on air quality.	Not applicable.
		EPB 24 - Greenhouse gas emissions and consideration of projected climate change impacts in the EIA process	Yes. Proposal not expected to have significant greenhouse gas emissions. Proposal is for a long-term infrastructure asset that may be subject to observable climate change.	Proposal stormwater drainage design will incorporate consideration of projected sea level rise and rainfall intensity over forecast asset lifetime.  Refer to Section 6 of Environmental Review.
		EPB 22 - Hydraulic fracturing for onshore natural gas from shale and tight rocks	Not applicable. Proposal is not an onshore gas project.	Not applicable.

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People	Amenity	EAG 13 – Consideration of environmental impacts from noise	Yes Proposal involves noise emissions.	<p><b>Referral</b> Proposal is referred to EPA with Amenity (aircraft noise) identified as a preliminary key environmental factor. Refer to Section 5.1 of Environmental Review.</p> <p><b>Assessment</b> Aircraft noise modelling undertaken, using INM model, and peer reviewed. Refer to Section 5 and Appendices 5 and 6 of Environmental Review.</p> <p><b>Community consultation</b> Proponent has consulted with community regarding the Proposal and potential aircraft noise exposure. Refer to Section 3 and Appendices 2 and 3 of Environmental Review.</p> <p><b>Compliance</b> Noise Regulations and State Planning Policy 5.4 do not apply to aircraft noise. In these situations EPA may nominate other acceptable standards to which Proposal must comply. Section 5.2.1 of Environmental Review includes assessment of aircraft noise exposure against AS2021:2015. Assessment indicates that aircraft noise exposure forecast at 2038/39 expected to be compliant with criteria in AS2021:2015.</p>

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		GS 3 – Separation Distance between Industrial and Sensitive Land Uses	Yes Proposal involves aircraft noise emissions.	<p>Section 4.1 of GS 3 requires:</p> <ul style="list-style-type: none"> <li>Reasonable and practicable measures to prevent or minimise emissions.</li> <li>Best practice measures for prevention or minimisation of impacts.</li> <li>Buffer to contain off-site impacts.</li> <li>Land planning to prevent new sensitive land uses within buffer.</li> </ul> <p>GS 3 does not provide generic buffer distances for airports.</p> <p>Noise Management Plan outlined in Section 5 and attached in Appendix 1 of Environmental Review. Noise Management Plan includes measures to prevent and minimise impacts.</p> <p>Town Planning Scheme No. 21 includes 'Airport protection area' buffer within which sensitive development is restricted.</p> <p>Section 5.2.1 of Environmental Review includes assessment of aircraft noise exposure against AS2021:2015.</p> <p>Assessment indicates that aircraft noise exposure forecast at 2038/39 expected to be compliant with criteria in AS2021:2015. 2038/39 ANEC 20 contour expected to lie away from urban/rural residential zoned areas.</p>
		EPB 21 - Guidance for wind farm developments	Not applicable. Proposal is not a windfarm.	Not applicable.
	Heritage	GS 41 – Assessment of Aboriginal Heritage	Yes Proposal involves ground disturbance.	Aboriginal heritage survey and agency consultation indicate no recorded heritage sites present in vicinity and low likelihood of unrecorded sites being present within Proposal development envelope. Refer to Sections 3 and 6 and Appendix 11 of Environmental Review.
	Human health	EAG 13 – Consideration of environmental impacts from noise	Yes Proposal involves aircraft noise emissions.	See above for Amenity.
		GS 3 – Separation Distance between Industrial and Sensitive Land Uses	Yes Proposal involves noise emissions.	See above for Amenity.

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		EPB 21 - Guidance for wind farm developments	Not applicable. Proposal is not a windfarm.	Not applicable.
		EPB 22 - Hydraulic fracturing for onshore natural gas from shale and tight rocks	Not applicable. Proposal is not an onshore gas project.	Not applicable.
Integrating factors	Offsets	WA Environmental Offsets Guidelines EPB 1 – Environmental Offsets WA Environmental Offsets Policy	Not applicable Proposal does not involve offsets. Clearing is consistent with Native Vegetation principles.	Not applicable.
	Rehabilitation and decommissioning	EAG – Joint Guidelines for Preparing Mine Closure Plans GS 6 – Rehabilitation of Terrestrial Ecosystems EPB 19 - EPA involvement in mine closure EPB 22 - Hydraulic fracturing for onshore natural gas from shale and tight rocks	Not applicable Proposal is not a mine or onshore gas project. Proposal does not involve rehabilitation.	Not applicable
Other	Environmental planning and management	GS 33 Environmental Guidance for Planning and Development GS 55 Implementing best practice in proposals submitted to the environment impact assessment process	Proposal will involve rezoning of some rural lots for purposes of airport development. Proposal likely to be subject to environmental impact assessment.	Proposal incorporates best practice measures to minimise impacts. Noise Management Plan includes amelioration of affected properties to ensure compliance with AS2021:2015. Refer to Section 5 and Appendix 1 of Environmental Review. Stormwater management to be in accordance with Department of Water advice. Refer to Sections 3 and 6 of Environmental Review.
South West	N/A	Advice on areas of conservation significance in the Preston Industrial Park Dampier to Bunbury Natural Gas Pipeline Corridor Widening - Kwinana to Bunbury Project A Floristic Survey of the Whicher Scarp Light and Posidonia sinuosa seagrass meadows in the temperate coastal waters of Western Australia	Not applicable Proposal does not lie within Preston Industrial Park or Whicher Scarp. Proposal expected to have negligible impact on marine environment. Proposal is not associated with or in vicinity of Dampier to Bunbury Natural Gas Pipeline.	Not applicable
Referral, Scoping,	N/A	EAG 1 Defining the key characteristics of a proposal	Yes	Key Proposal Characteristics defined in Section 1.1 of Environmental Review.

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Assessment		EAG 8 Environmental principles, factors and objectives	Yes	Environmental factors and objectives defined in Sections 5 and 6 of Environmental Review Environmental principles addressed in Section 8.3 of Environmental Review
		EAG 9 Application of a significance framework in the environmental impact assessment process	Yes	Significance framework addressed in Section 8.2 of Environmental Review
		EAG 16 Referral of a proposal under s38 of the Environmental Protection Act 1986	Yes	Proposal referred under s38 of the Act
		GS 10 Level of Assessment for proposals affecting natural areas within the System 6 region and Swan Coastal Plain portion of the System 1 Region	Yes Proposal involves clearing of native vegetation.	Proposal referred under s38 of the Act