

# Appendix F Environment Objectives, Goals and Management Actions

## Compliance and Continuous Improvement Goals and Management Actions

Objective (by 2037)		
Operate and develop Parafield Airport in a manner that complies with relevant regulatory and other standards whilst striving for continuous improvement		
Goal (2017 – 2022)	Management Actions (2017 – 2022)	Timeframe
Strive for 100% compliance for developments and airport activities with relevant noise regulations	Continue to conduct regular boundary noise monitoring	Ongoing
	Continue to model noise impacts for proposed new developments and implement mitigation strategies where necessary	Ongoing
	Continue to include relevant noise mitigation in Construction Environmental Management Plans and conduct inspections	Ongoing
	Continue to enforce the PAL Ground Running Policy	Ongoing
	Continue to engage with the local community on noise issues	Ongoing
	Continue to provide guidance to stakeholders on noise mitigation strategies	Ongoing
Strive for 100% compliance for developments and airport activities with relevant air quality regulations	Finalise and implement air quality monitoring strategy	Ongoing
	Continue to collect air emissions data from point sources as required	Ongoing
	Continue to maintain a register of ozone depleting substances and phase out where feasible	Ongoing
	Continue to provide guidance to stakeholders on air quality management	Ongoing
Maintain and, where feasible, improve stormwater quality	Continue to regularly monitor stormwater quality	Ongoing
	Identify sources of pollution as per the SQMIP and mitigate sources of pollution where identified	2020
	Continue to provide guidance to stakeholders on stormwater quality improvement strategies	Ongoing
Maintain and, where feasible, improve soil and groundwater quality	Continue to conduct regular groundwater monitoring	Ongoing
	Continue to implement priority actions from the Contaminated Site Management Plan	Ongoing
	Continue to guide tenants to close out contaminated sites on a risk basis where practicable	Ongoing
	Continue to conduct relevant environmental site assessments for new developments and lease terminations in accordance with the PAL Environmental Site Assessment Guidelines	Ongoing
	Continue to provide guidance to stakeholders on contamination prevention and remediation strategies	Ongoing
Strive for 100% compliance for hazardous substance storages, handling and disposal	Continue to store and manage hazardous substances and dangerous goods in accordance with regulatory requirements	Ongoing
	Continue the environmental inspection program of tenants and construction sites	Ongoing
	Continue to implement emergency response plans for hazardous substances spills	Ongoing
	Continue asbestos audit and removal program	Ongoing
	Continue to provide guidance to stakeholders on hazardous substances management	Ongoing

## Sustainable Development Goals and Management Actions

Objective (by 2037)			
Develop Parafield Airport through quality buildings of contemporary, sustainable design Manage PAL facilities in a manner that minimises cost and natural resource use			
Goal (2017-2022)	Management Actions (2017-2022)		Timeframe
Design, construct and manage PAL assets to meet targets aligned to key Sustainability Performance Indicators (SPI)	Encourage and facilitate design and construction of buildings and infrastructure beyond BCA requirements where feasible		Ongoing
	Measure PAL's asset operation in alignment with Sustainability Performance Indicators (SPI)		Ongoing
	Create a reporting tool to convey asset management results		2020
	Improve building performance through cost-effective improvements to operation and maintenance practices		Ongoing
	Encourage the adoption of green leases where appropriate		2020
Embed principles of stewardship into corporate processes and through the supply chain	Encourage customers, partners and suppliers to adopt sustainability principles and practices		2020
	Promote stewardship initiatives throughout the supply chain through preferred 'suppliers of choice'		2020
	Incorporate SPIs into standard works contracts		2022

## Reduced Energy Consumption Goals and Management Actions

Objective (2037)			
Minimise future electricity load growth through energy conservation measures and renewable energy			
Goal (2017-2022)	Management Actions (2017-2022)	Responsibility	Timeframe
Reduce electricity consumption in buildings owned and occupied by PAL (10% of 2017 levels by 2022)	Implement Carbon Management Plan and maintain ACI Level 2 accreditation	PAL/Contractors	2020
	Implement Carbon Management Plan and obtain ACI Level 3 accreditation	PAL/Contractors	2020
	Continue to assess feasibility of renewable energy installations	PAL/Contractors	2020
Increase proportion of PAL's electricity consumption from on-airport renewable energy generation (40% of total by 2022)	Install battery storage where economically feasible	PAL/Contractors	2022
Encourage tenants to implement energy efficiency measures	Develop tools and provide guidance to tenants on techniques for measuring emissions and reducing energy consumption	PAL/State Government	2020
	Run specialist information sessions on opportunities for purchasing green energy and participating in carbon off-set schemes	PAL/Tenants	2022
	Provide support to tenants who are filing funding applications for energy efficiency projects	PAL/Tenants	2022

## Reduced Carbon Footprint Goals and Management Actions

### Objective (2037)

Minimise PAL's carbon footprint  
Influence and guide other airport users to reduce their carbon footprint  
Adapt to future climate change impacts

Goal (2017-2022)	Management Actions (2012-2017)	Responsibility	Timeframe
Reduce PAL's company carbon footprint (30% of 2017 levels by 2022)	Continue annual measurement of the company carbon footprint	PAL	Ongoing
	Detail and enforce minimum energy efficiency standards for all equipment, including motor vehicles, in the company purchasing policy	PAL	2020
Encourage and, where feasible, facilitate tenants to measure and reduce their carbon footprint	Support and facilitate fuel reduction initiatives by aircraft operators where possible	PAL/Operators	2020
	Encourage adoption of cleaner lower carbon aircraft	PAL/Operators	2022
Improve PAL's preparedness against the likely impacts of climate change on infrastructure and operations	Continue to implement the Climate Adaptation Plan	PAL	2020
	Incorporate, where required, new pavement and building standards into development and construction guidelines	PAL	2022
Strive to increase the proportion of airport visitors and tenants using alternative forms of transport or changing their transport habits	Develop a Bicycle / Pedestrian Access and Safety Plan for the airport	PAL	2020

## Reduced Potable Water Consumption Goals and Management Actions

### Objective (2037)

Minimise the proportion of potable water consumption at Parafield Airport

Goal (2017-2022)	Management Actions (2017-2022)	Responsibility	Timeframe
Reduce mains water consumption in buildings owned and occupied by PAL (10% of 2017 levels by 2022)	Continue to seek opportunities for implementing water efficiency and water sensitive urban design principles	PAL/ Contractors	Ongoing
	Continue to update the water meter network to improve data accuracy, where required, and identify leaks	PAL/ Contractors	Ongoing
Increase the number of connections made to non-potable water sources, where practicable	Continue to seek to connect irrigation to City of Salisbury's recycled water network	PAL/Council	2020
	Encourage new developments to connect to the recycled water network	PAL/ Developers	2020
	All new developments to incorporate water sensitive urban design features such as rainwater tanks or other water harvesting systems	Tenants/ Developers	2020
Increase the number tenants implementing water efficiency measures, where possible	Continue to identify high water-use tenants	PAL	Ongoing
	Continue to develop tools and provide guidance to tenants on techniques for measuring and reducing water consumption	PAL/Tenants	Ongoing
	Run specialist information sessions on opportunities for water harvesting and efficiency	PAL/Tenants	Ongoing

## Increased Waste Diversion Goals and Management Actions

Objective (2037)			
Increase the proportion of airport waste diverted from landfill			
Goal (2017-2022)	Management Actions (2017-2022)	Responsibility	Timeframe
PAL Management Centre to remain a zero-waste facility by 2022	Assess options for recycling of dumped waste	PAL/ Contractors	2020
	Continue to run a Waste Management Strategy	PAL	2022
Improve environmental purchasing program	Include green principles in revision of PAL procurement process	PAL	2020
	Run a staff education campaign on green purchasing	PAL	2020
Increase waste reuse and recycling, where feasible	Run a tenant awareness campaign on the opportunities and benefits of effective green purchasing and waste management	PAL/Tenants	2020
	Continue to support airport tenants to expand their waste avoidance, reuse and recycling programs	PAL/Tenants	2022
	Continue to encourage recycling and rejuvenation of demolition and construction waste	PAL/ Contractors	2022
	Develop guidelines on recyclable construction materials	PAL	2020

## Land and Heritage Goals and Management Actions

Objective (2037)		
Conserve places of significant natural, indigenous and heritage value		
Enhance biodiversity, in particular within the Vernal Pools Conservation Zone		
Mitigate the risk of flooding		
Encourage community partnerships		
Goal (2017-2022)	Management Actions (2012-2017)	Timeframe
Increase the proportion of native, endemic flora to exotic flora within the VPCZ (20% of 2017 levels by 2022)	Continue to implement the VPCZ Management Plan and revegetate the upland areas	Ongoing
	Assess options to incorporate a boardwalk and interpretation signage in the VPCZ	2022
	Continue to regularly monitor flora and fauna in the VPCZ	Ongoing
	Continue to apply biodiversity no net loss policy to VPCZ	Ongoing
Increase the annual number of native species planted on airport	Continue to expand replanting of the open stormwater network	Ongoing
	Identify sources of pollution as per the SQMIP and mitigate sources of pollution where identified	2022
	Partner with external stakeholders to support a biodiversity program in Council controlled easements or drains adjacent the airport	2020
	Continue to implement the PAL Landscape Guidelines	Ongoing
Establish a holistic heritage management framework	Continue to implement the Heritage Management Strategy based on the findings of heritage surveys and the ATC Tower's listing on the Commonwealth Heritage Register	Ongoing
	Develop Heritage Management Plans, where required	Ongoing
	Continue to implement procedures for identifying and protecting archaeological artefacts	Ongoing
	Continue to provide avenues for consultation between PAL and the Kurna people	Ongoing
Mitigate flood risk	Continue to engage with external stakeholders on flooding	Ongoing
	Continue to implement Climate Adaptation Plan	Ongoing
Community Partnerships	Be a good neighbour to the surrounding residents and businesses Support economic development in northern Adelaide Increase outreach with tenants and the community related to sustainability	Ongoing

## Community Partnerships Goals and Management Actions

Objective (2037)		
Be a good neighbour to the surrounding residents and businesses Support economic development in northern Adelaide Increase outreach with tenants and the community related to sustainability		
Goal (2017-2022)	Management Actions (2017-2022)	Timeframe
Direct invest each year in to community groups, not-for-profit organisations and charities	Continue to provide support through a targeted sponsorship program	Ongoing
	Establish and maintain partnerships with community, schools and tertiary institutions	Ongoing
	Continue to offer a Commercial Pilots scholarship to a local northern Adelaide student	Ongoing
	Partner with Education Agencies by participating in programs that assist in creating a vocational bridge for young people transitioning from school to the workforce	Ongoing
Engage proactively with surrounding residents and businesses, with particular focus on noise impact	Maintain a research partnership with University of South Australia	Ongoing
	Establish a partnership with local schools to develop and deliver a curriculum covering PAL's environmental sustainability program	2022
	Continue to speak to local social, service and business groups	Ongoing
	Improve the information on airport operations available on the website	Ongoing
Consult effectively with stakeholders on land use planning	Continue to facilitate the Fly Friendly program	Ongoing
	Develop and implement a community engagement strategy	2022
	Continue to establish community-friendly spaces on airport	Ongoing
	Continue to facilitate consultation with stakeholders on Major Development Plans	Ongoing
	Conduct the 2017 Master Plan consultation program with airport stakeholders	n/a
	Continue to host the Parafield Airport Consultative Committee and Planning Coordination Forum	Ongoing

