

Appendix E Sustainability Past Achievements

Table E1 Parafield Airport Sustainability Past Achievements 2012-2017

| Area | Achievements |
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| Sustainability Performance | <p>Ecologically Sustainable Design (ESD) Guidelines are incorporated into the Development Guidelines for airport precincts as development progresses. Features include rainwater tanks, stormwater harvesting schemes and drought-tolerant landscaping.</p> <p>Guidelines incorporating various environmentally sustainable practices were distributed to tenants and contractors and seminars were provided on how to implement guidelines in their businesses.</p> <p>PAL has participated in the 'operations' rating tool by the Infrastructure Sustainability Council of Australia (ISCA) – for completion in the 17FY.</p> <p>Numerous environmental sustainability guidelines have been developed as a tool to educate key stakeholders in the principals of sustainable business. Presentations have also been delivered regularly, to staff, tenants and aviation operators.</p> <p>Regular reports on relevant environmental issues have been raised or presented at the Parafield User Group, chaired by Airservices Australia, the best tenant forum for exploring sustainability initiatives.</p> |
| Management Framework | <p>PAL's Sustainability Policy was reviewed and updated to reflect PAL's evolving strategic direction.</p> <p>All environmental policies and procedures were updated for currency within an EMS that conforms to the requirements of ISO14001: 2015.</p> <p>PAL has led the ongoing review and monitoring, in partnership with Airservices Australia, of the airport Fly Friendly program to reduce noise impact on the local community.</p> <p>Guidelines were developed incorporating contamination risk prevention and remediation developed and distributed to tenants and contractors and seminars provided on how to implement guidelines in their businesses.</p> |
| Climate Change | <p>PAL is the first general aviation airport in Australia to achieve Level 2 accreditation for 'Reduction' in the Airports Council International (ACI) Airport Carbon Accreditation (ACA) Program. Underpinned by a revised Sustainability Policy and new Low Carbon Statement. PAL is currently striving to achieve the next level of accreditation – Level 3 'Optimisation'.</p> <p>PAL was the first Australian airport to develop a Climate Adaptation Plan, in consultation with staff and stakeholders, and has participated in regional adaptation planning with government and community.</p> |
| Energy | <p>The Reducercise Working Group was established to assist in oversight of PAL's energy/carbon program (as well as water and waste) and continues to institute efficiency projects on office buildings and other assets. Examples include:</p> <ul style="list-style-type: none"> • Delamping and sensor installation program undertaken at PAL offices; • HVAC upgrade at the PAL Management Centre office; • Scoping LED lighting replacement at the PAL office and maintenance compound; and • preparations underway to install solar PV <p>An energy audit was completed which underpinned the Parafield Airport Carbon Management Plan incorporating energy efficiency projects, developed as part of ACI Level 2. A broad review of solar PV capacity across the airport is underway</p> <p>Renewable energy initiatives were investigated as part of the University of Adelaide Centre for Energy Technology partnership.</p> <p>Environmental sustainability guidelines incorporating energy conservation developed and distributed to tenants and contractors and seminars provided on how to implement the guidelines in their businesses.</p> |
| Water Resources | <p>Recycled water from City of Salisbury's stormwater recycling scheme connected to irrigation of PAL's community sporting grounds.</p> <p>High water users have been identified in drafting a Water Resources Plan.</p> <p>Water Conservation Guidelines have been developed for tenants, and seminars provided on how to integrate guidelines and principals into their businesses.</p> <p>ESD Guideline incorporating water sensitive urban design features incorporated into PAL Development Design Guide for various airport precincts. Features include connection to recycled water network.</p> |

| Area | Achievements |
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| Noise | <p>PAL Community Information brochure was revised and distributed to over 62,000 households and posted to Parafield Airport website.</p> <p>Noise and curfew fact sheets were developed and published on Parafield Airport website to provide the wider community with relevant information.</p> <p>Parafield Airport Consultative Committee continues to engage with the community, elected local government members and other representatives. The Parafield Manager regularly delivers presentations to local community groups and handles complaints.</p> <p>Guidelines for noise management were made available on the Parafield Airport website in 2014. Seminars provided to tenants on how to integrate noise management guidelines and principles into their businesses.</p> <p>Airservices Australia conducted a noise-monitoring program to capture and communicate noise impacts from overflights in the neighbouring community.</p> <p>PAL's Ground Running Policy has continued to be reviewed and updated.</p> |
| Waste | <p>PAL's Green Procurement Policy was developed and Guidelines are to be drafted in the 17FY.</p> <p>Guidelines on waste and spill management developed and distributed to tenants and contractors and seminars on how to implement guidelines in their businesses.</p> <p>No spills triggered the Airport Emergency Plan (AEP) in the reporting periods 2012-2016.</p> <p>Waste Management Guidelines and Hazardous Waste Guidelines were developed and distributed to tenants and contractors.</p> <p>Detailed waste audit was undertaken to underpin a revised waste strategy.</p> <p>Organics waste collection commenced at the PAL Management Centre.</p> |
| Stormwater | <p>Analysis of historical data completed in 2016 and incorporated into the revised Stormwater Quality Management and Improvement Plan (SQMIP).</p> <p>The SQMIP was reviewed in 2014 in light of developing methodologies and the effectiveness of current data collection and management strategies.</p> |
| Soil and Groundwater | <p>Annual groundwater monitoring events (GME) were undertaken in accordance with revised Groundwater Monitoring Strategy (GMS).</p> <p>The Contaminated Site Management Plan underwent a significant revision to include a comprehensive risk assessment methodology.</p> <p>PAL remains active in following up and assisting tenants with their groundwater monitoring obligations. Trigger levels have been incorporated into the GMS, which is an integral component of the Contaminated Sites Management Plan and provides for management of a number of high risk sites on the PAL Contaminated Sites Risk Register.</p> |
| Land and Heritage Management | <p>Vernal Pools Conservation Zone (VPCZ) Management Plan was revised, in consultation with stakeholders.</p> <p>Research and teaching partnership commenced with University of South Australia to study the Vernal Pools Conservation Zone.</p> <p>Annual flora monitoring was undertaken as part of the Uni SA partnership.</p> <p>A complete ecological baseline assessment was undertaken.</p> <p>PAL commenced revegetation of the VPCZ upland areas.</p> <p>Introduction of state-of-the-art wildlife hazard data capture technology and harassment tools.</p> |
| Local Air Quality | <p>Introduction of sophisticated air quality modelling and monitoring.</p> <p>ODS Register updated and refrigerants were replaced in line with current best practice as required.</p> <p>Ozone Depleting Substances Guideline was developed for staff and external stakeholders.</p> <p>Guidelines for Spray Painting Activities at Adelaide and Parafield Airports was developed and released to tenants</p> |