SA Arid Lands Building Pastoral Sustainability Grants recipients 2022-23

Property	Project Title	SA Arid Lands District	Grant Description	Amount
Holowiliena Station	Putting ESRM into practice on Holowiliena Station	North Flinders	Work will be undertaken on Holowiliena Station to prevent further erosion and revegetate three degraded areas using Ecologically Sustainable Rangeland Management principles. At the Bandoona Paddock a large scale contour furrowing technique will be trialled and at Bill's Dam, check banks will be surveyed and reconstructed to remove soil while on the dam's southern wash plain gully heads will be flattened and check banks will be built.	$29,999.64
Moolooloo Station	Moolooloo Station Controlled Grazing Project	North Flinders	Moolooloo Station plans to introduce a controlled grazing program through improved fencing and the implementation of water monitoring technology in a targeted area. This would allow for forced rest in areas that have been previously overgrazed and the ability to direct livestock to abundant feed in neighbouring paddocks. The introduction of a satellite tank monitoring system will enable real time water usage data and help with decision making with regards to movement of livestock.	$26,505.00
Merna Mora Station	Arid Range Rehabilitation, Stabilisation and Revegetation Trial	North Flinders	Using land rehabilitation techniques, Merna Mora is seeking to stem the funnel effect of the watercourses feeding into the Aliena Creek. Through a series of trials and methods, it is hoped an outcome will be reached using earth banks, ponding and a means to stem the rapid flow of water across the piedmont plain. Rehabilitating the inflows will allow improved moisture retention and slowing of water flow across the plain through the use of ponding banks, gabian baskets and the use of straw bales and a lattice of stakes and logs to slow the rush of water that has caused erosion	$23,740.00
Millers Creek	Livestock tracking using Wi-Fi technology	Kingoonya	This project will trial a Wi-Fi tag system that is small enough to be attached to cattle or sheep, is low power, can be used in real time, is portable and easy to apply. It will connect with the property's Wi-Fi water monitoring network and will enable property owners to track individual animals such as high value bulls and rams. The system will also allow for a tracking tag to be carried by musterers so coordinators can optimise the best and safest use of resources.	$22,510.00
Gum Downs	Sustainable and Productive Land Management using EiD technology	Port Augusta-Quorn	This grant will allow for the use of EID technology in a commercial sheep operation to identify to promote production, sustainability and resilience gains across the flock. The technology will be used for pregnancy scanning, identifying growth rates and condition scores, overgrazing and unproductive grazing, tracing genetic gain, introducing labour and time-saving devises such as an auto drafter and providing access to traceability programs such as Livestock Data Link.	$28,207.54