



SAVING OUR SPECIES

Artesian Springs Ecological Community in the Great Artesian Basin

2018-2019 annual report card

Summary

Management sites	Peery Lake
Action implementation	2 (of 2) management actions were fully or partially implemented as planned for the financial year.
Total expenditure	\$24,500 (\$24,500 cash; \$0 in-kind)
Partners	Office of Environment and Heritage

Name:

Artesian Springs Ecological Community in the Great Artesian Basin

NSW status:

Critically Endangered Ecological Community

Commonwealth status:

Endangered

Management stream:

Ecological community (range-restricted)

Priority management site: Peery Lake

<p>Local government area: Central Darling</p> <p>Partners: Office of Environment and Heritage</p>	<p>Ecological community outcome</p> <ul style="list-style-type: none"> ● On track ● On track (inferred) ● Not on track (inferred) ● Not on track <p>The viability of the ecological community is inferred to be on track based on threat management being on track. The trend in viability is unknown at this time.</p>
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Monitoring

Ecological community viability monitoring by one or more methods indicates response to management over time and provides an outcome measure.

Ecological community monitoring was not conducted at this site this financial year - dependent on other component.

Investment

Participant	Cash	In-kind
Office of Environment and Heritage	\$24,500	\$0

Management actions

The following actions are those identified as being required in financial year 2018-2019 to maximise the viability of the ecological community.

Threat	Management action	Implemented as planned?
Damage caused by feral goats through trampling and browsing and eutrophication caused by droppings.	Undertake integrated feral goat control program including an aerial shoot.	Yes
Damage caused by feral pigs through rooting and wallowing.	Undertake integrated feral pig control program including an aerial shoot.	Yes

Threat outcome

Assessment on the status of critical threats at this site.

Threat	Annual target	Threat status
Damage caused by feral pigs through rooting and wallowing.	Disturbance by pigs reduced to 5% or less of mounds.	Baseline data collection
Damage caused by feral pigs through rooting and wallowing.	Pigs detected less than 5% of observation time.	Baseline data collection
Damage caused by feral goats through trampling and browsing and eutrophication caused by droppings.	No disturbance by feral goats on mounds.	On track
Damage caused by rabbits through grazing, warren activity, and eutrophication caused by droppings.	No disturbance from rabbits observed on mounds.	On track
Illegal hunting resulting in damage from 4WD vehicles being driven over mounds, hunting in areas causing pig movement across the TEC and piglets being deliberately released into the national park.	No disturbance on mounds from illegal vehicle activity.	On track

Site summary

Only two management actions within this project were implemented in 2018-19. Remote cameras were purchased and installed ready to gather baseline information in 2019-20 on feral animal presence and activity levels at selected mound springs. The use of a drone to survey mound springs and determine the degree of feral pig damage was not fully completed. Ecological community monitoring cannot be undertaken until the monitoring, evaluation, and reporting plan is completed.

Saving our Species 2018-2019 annual report card for Artesian Springs Ecological Community in the Great Artesian Basin. For more information refer to the specific strategy in the Saving our Species program.