

Appendix 1

Data Sheets

for Kathu Solar Park Alien Management Plan 2025



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Appendix 1 of KSP Alien Management Plan 2025

The results of the 2019 initial assessment of the plant, admin, outside entrance and solar field management areas are detailed below, followed by the 2025 initial assessment results of the new area. Category 1 (CARA) and / or Category 1b (NEMBA) listed species are indicated in red. The dominant density is given as a percentage of the area where the species occurred. The dominant age is indicated as S (sapling), Y (young) or M (Mature) and the potential to spread are indicated as H (high), M (medium) or L (low).

Table 1: Results of initial assessment 2019

Area	Species	Dominant Density (%)	Dominant Age (S / Y / M)	Potential to spread (H/M/L)
Admin	<i>Alternanthera pungens</i>	Present	M	H
Admin	<i>Amaranthus praetermissus</i>	Present	M	L
Admin	<i>Argemone ochroleuca</i>	Present	M	H
Admin	<i>Dysphania ambrosioides</i>	Present	M	L
Admin	<i>Dysphania carinatum</i>	Present	M	M
Admin	<i>Erigeron bonariensis</i>	Present	M	L
Admin	<i>Nicotiana glauca</i>	Present	M	M
Admin	<i>Physalis viscosa</i>	Present	M	M
Admin	<i>Solanum nigrum</i>	Present	M	M
Admin	<i>Sonchus oleraceus</i>	Present	M	L
Block A01	<i>Alternanthera pungens</i>	Present	M	M
Block A01	<i>Amaranthus praetermissus</i>	Present	M	M
Block A01	<i>Argemone ochroleuca</i>	3	M	M
Block A01	<i>Dysphania carinatum</i>	20	M	M
Block A01	<i>Nicotiana glauca</i>	Present	Y	L
Block A01	<i>Sonchus oleraceus</i>	10	M	M
Block A02	<i>Alternanthera pungens</i>	10	M	H
Block A02	<i>Amaranthus cruentus</i>	Present	M	M
Block A02	<i>Dysphania carinatum</i>	10	Y	M
Block A02	<i>Sonchus oleraceus</i>	Present	M	M
Block B01	<i>Alternanthera pungens</i>	Present	M	M
Block B01	<i>Amaranthus cruentus</i>	Present	M	M
Block B01	<i>Amaranthus praetermissus</i>	Present	M	M
Block B01	<i>Argemone ochroleuca</i>	Present	M	M
Block B01	<i>Dysphania carinatum</i>	25	Y	M
Block B01	<i>Nicotiana glauca</i>	Present	M	M
Block B01	<i>Solanum nigrum</i>	Present	M	M
Block B01	<i>Sonchus oleraceus</i>	5	M	M
Block B02	<i>Amaranthus cruentus</i>	40	M	H
Block B02	<i>Amaranthus praetermissus</i>	10	M	H
Block B02	<i>Dysphania carinatum</i>	Present	Y	M
Block B02	<i>Nicotiana glauca</i>	Present	M	M
Block B02	<i>Sonchus oleraceus</i>	5	M	H
Block C01	<i>Amaranthus praetermissus</i>	Present	M	M
Block C01	<i>Argemone ochroleuca</i>	Present	M	M
Block C01	<i>Dysphania carinatum</i>	2	M	M
Block C01	<i>Solanum nigrum</i>	Present	M	M
Block C01	<i>Sonchus oleraceus</i>	Present	M	M
Block C02	<i>Alternanthera pungens</i>	Present	M	M
Block C02	<i>Amaranthus praetermissus</i>	Present	M	M
Block C02	<i>Argemone ochroleuca</i>	Present	M	M
Block C02	<i>Dysphania carinatum</i>	Present	M	M
Block C02	<i>Sonchus oleraceus</i>	Present	M	M
Block D01	<i>Alternanthera pungens</i>	Present	Y	L

Area	Species	Dominant Density (%)	Dominant Age (S /Y/M)	Potential to spread (H/M/L)
Block D01	<i>Amaranthus praetermissus</i>	Present	Y	L
Block D01	<i>Dysphania carinatum</i>	Present	Y	L
Block D01	<i>Pennisetum setaceum</i>	Present	M	M
Block D01	<i>Sonchus oleraceus</i>	3	M	M
Block D02	<i>Amaranthus praetermissus</i>	7	M	H
Block D02	<i>Argemone ochroleuca</i>	Present	M	M
Block D02	<i>Dysphania carinatum</i>	Present	M	L
Block D02	<i>Sonchus oleraceus</i>	Present	M	M
Outside E	<i>Alternanthera pungens</i>	Present	M	M
Outside E	<i>Amaranthus cruentus</i>	5	M	H
Outside E	<i>Amaranthus praetermissus</i>	Present	M	M
Outside E	<i>Sonchus oleraceus</i>	15	M	M
Plant	<i>Alternanthera pungens</i>	Present	M	M
Plant	<i>Amaranthus praetermissus</i>	Present	M	M
Plant	<i>Argemone ochroleuca</i>	25	M	H
Plant	<i>Dysphania carinatum</i>	25	M	M
Plant	<i>Sonchus oleraceus</i>	Present	M	M
Road A	<i>Argemone ochroleuca</i>	Present	M	M
Road A	<i>Dysphania carinatum</i>	Present	M	M
Road B	<i>Amaranthus cruentus</i>	7	M	M
Road B	<i>Amaranthus praetermissus</i>	3	M	M
Road B	<i>Dysphania carinatum</i>	3	M	M
Road B	<i>Sonchus oleraceus</i>	7	M	M
Road C	<i>Alternanthera pungens</i>	Present	M	M
Road C	<i>Amaranthus praetermissus</i>	3	M	M
Road C	<i>Argemone ochroleuca</i>	Present	M	H
Road C	<i>Dysphania carinatum</i>	7	M	M
Road C	<i>Erigeron bonariensis</i>	Present	M	L
Road C	<i>Physalis peruviana</i>	Present	M	L
Road C	<i>Sonchus oleraceus</i>	3	M	M
Road D	<i>Alternanthera pungens</i>	Present	M	M
Road D	<i>Amaranthus praetermissus</i>	5	M	M
Road D	<i>Argemone ochroleuca</i>	Present	M	M
Road D	<i>Dysphania carinatum</i>	Present	M	L
Road D	<i>Nicotiana glauca</i>	Present	M	M
Road D	<i>Sonchus oleraceus</i>	5	M	H

Table 2: Results of initial assessment 2025

Area	Species	Dominant Density (%)	Dominant Age (S /Y/M)	Potential to spread (H/M/L)
New Area	<i>Alternanthera pungens</i>	Present	M	M
New Area	<i>Cereus jamacaru</i>	Present	M	M
New Area	<i>Opuntia aurantiaca</i>	Present	M	M
New Area	<i>Opuntia humifusa</i>	Present	M	M