



Weed Program 2024-25 Financial Year

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Weed Program Funding Streams



Department of
Transport and Main Roads



Seqwater Weeds Program Summary

- Program has been running for 9 years
- Sites managed within the Lake Baroon catchment area (with a buffer zone)
- Targeting Madeira Vine, Cats Claw Vine & Celtis
- 182 infestations undergoing treatment and/or monitoring
- 115 sites treated in 2024-25
- 67 sites under final treatment phase/ monitoring



2023-24 Project Outcomes- Madeira Vine

- Project aim- containment to a level that the threat to riparian zones is minimal
- Up to 10 years of management to control
- 21 ha of Madeira Vine under management with total expenditure of \$67,672
- Reduction in vine density by 85%
- Reduction in infestation size by 30%
- 182 sites at various stages of treatment
 - 10% Initial treatment phase (new sites)
 - 60% Intermediate treatment Phase
 - 30% Final treatment phase/monitoring



Madeira Vines Severed by Floodwater- Tuber Germination





Control Strategy

- Madeira growth is most aggressive when in canopy
- Reduce “scaffolding” for vines to climb
- Clear a buffer zone along drip-line
- Avoid brushcutting the area so as not spread viable tubers



- 0.1 ha (6 sites) of Cats Claw Vine under management
 - 4 infestations treated
 - 2 sites monitored
- Limited number of infestations within the catchment
- Ongoing monitoring essential, sites can lie dormant for 12 months+ before regrowth appears
- Total expenditure \$1,070

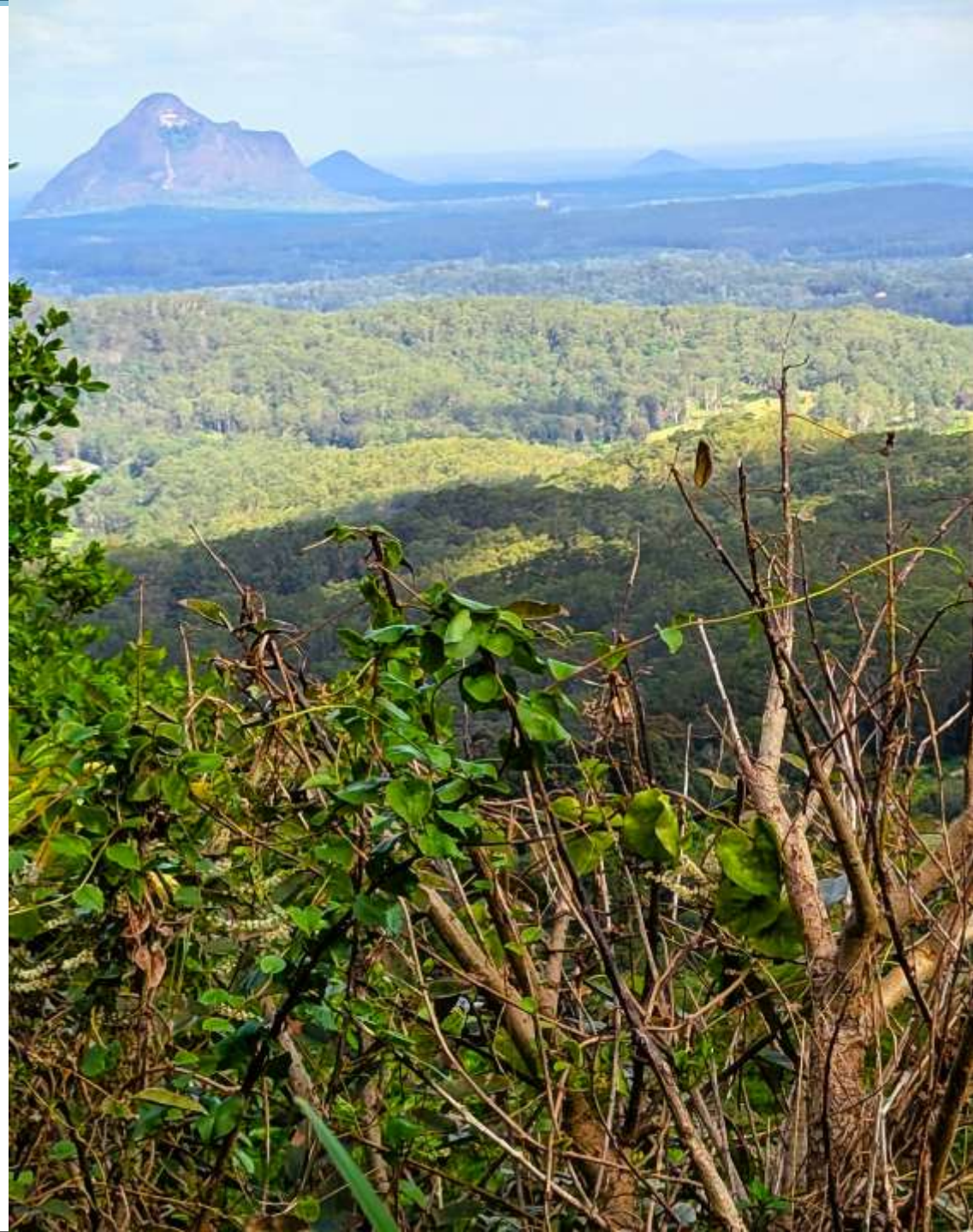


- Celtis management focussed on small to medium trees
- Celtis targeted on existing Madeira and Cats Claw sites
- Cost effective approach to reduce the number of Celtis
- Assist landholders who require support with Celtis management



Healthy Land & Water Vine Weeds Program

- Targeting Upper Stanley catchment area
- \$35,200 on ground budget
- 34 Madeira infestations (10 ha costing \$21,070)
- 7 Cats Claw infestation (3.75 ha costing \$7,960)
- \$6,169 Carryover useful for management of sites between funding agreements





Department of Transport & Main Roads Weeds

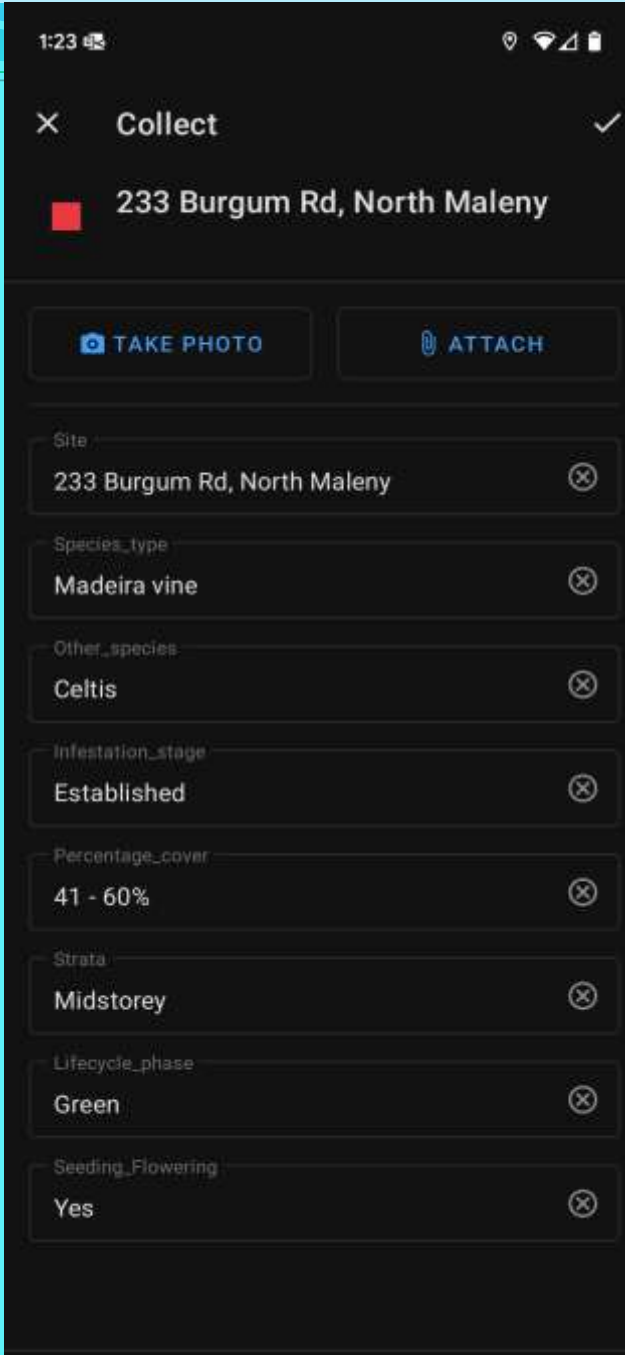
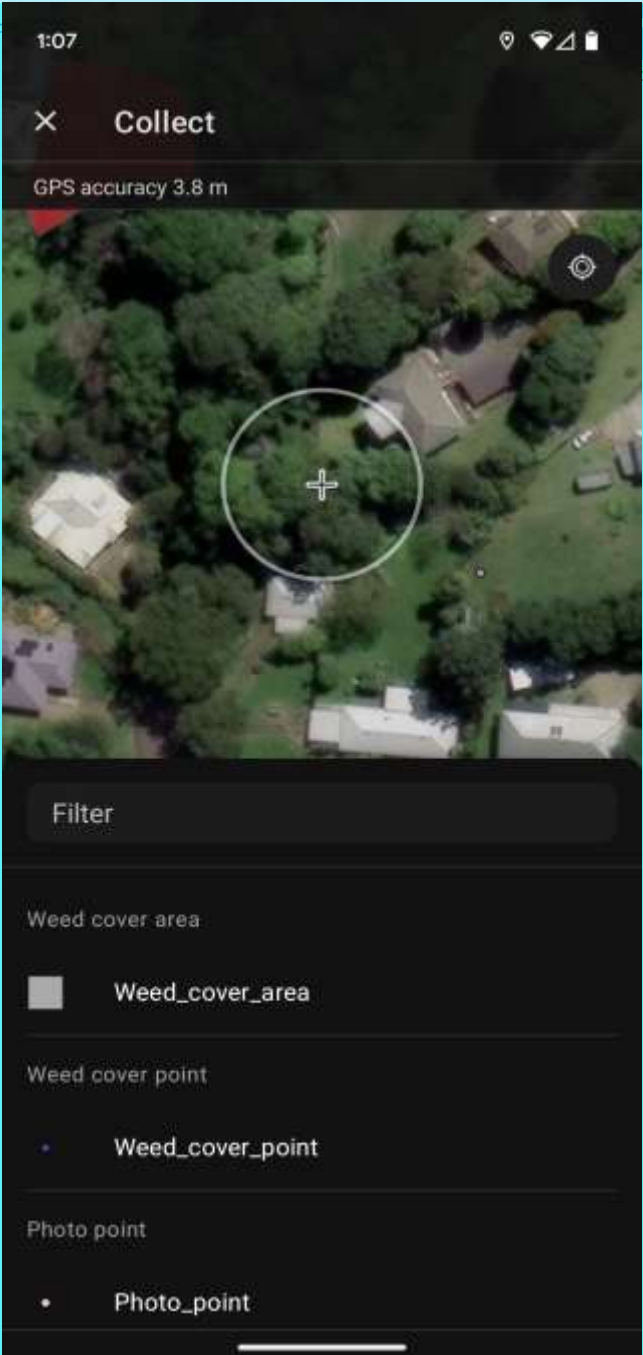
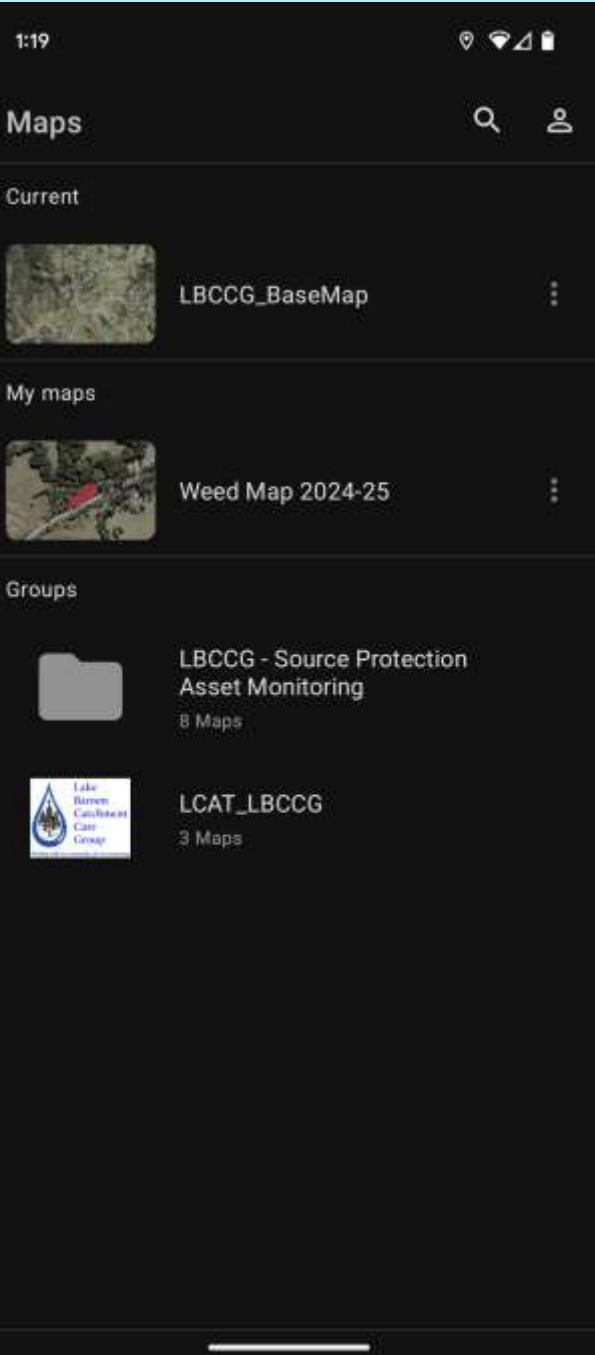
- Not catchment specific
- Limited to main roads
- ~50km of roadside reserve, with 25 infestation (2 ha) under management
- \$7,500 budget, with \$8,820 expenditure for 2024-25
- In-catchment sites are treated with Seqwater funding
- Maderia, Cats Claw, Celtis & GRT are treated within the program





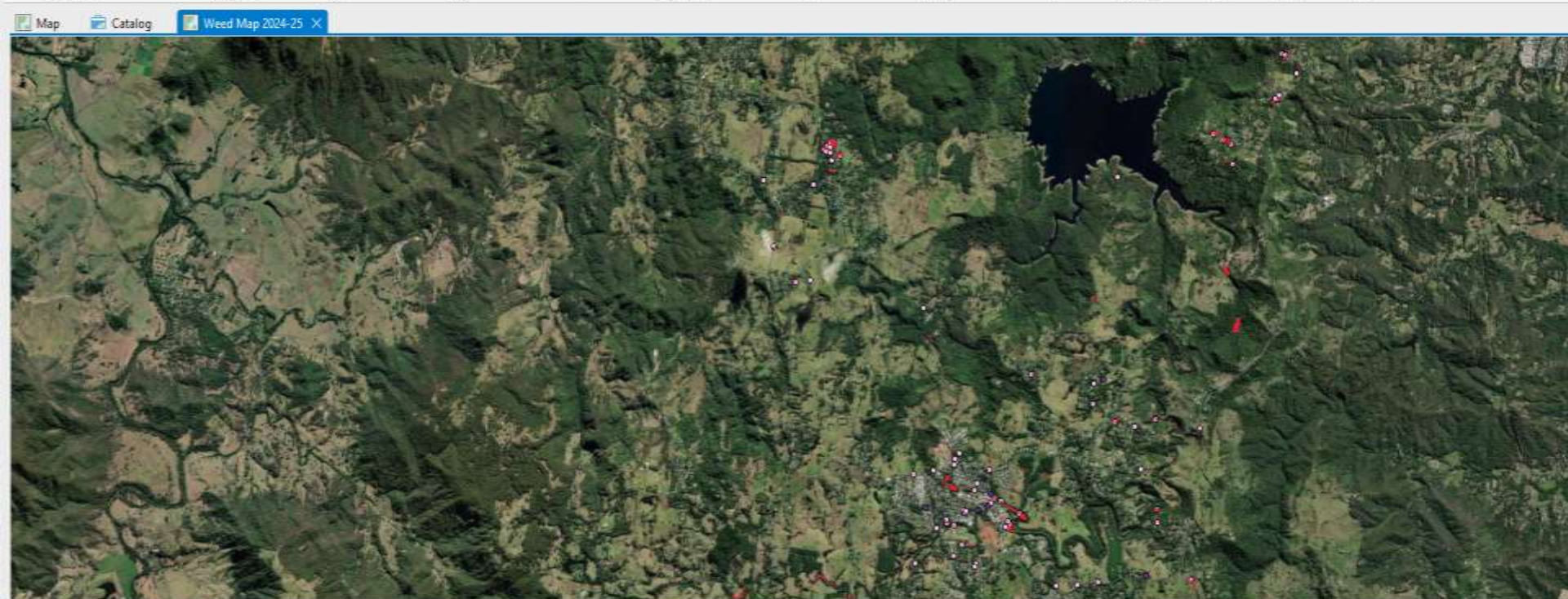
Madeira Vine, Stanley River Rd

Weed Program Data Collection- Field Maps/ArcGIS



ArcGIS Pro Weed Map

The screenshot shows the GIS Pro Weeds Colour application interface. The top menu bar includes Project, Map, Insert, Analysis, View, Edit, Imagery, Share, and Help. The 'Map' menu is currently open, displaying a variety of tools and options. The main workspace shows a map of a lake area with various colored polygons representing different weed types. The interface is designed for spatial data analysis and mapping.



1:68,280 152.7867418°E 26.7720583°S

Weed cover area X

Field:  Add  Calculate Selection:  Select By Attributes  Zoom In  Switch  Clear  Delete  Copy

	Species_type	Other_species	Infestation_stage	Percentage_cover	Strata	Lifecycle_phase	Seeding_Flowering	Shape_Area *	Shape_Length *	GlobalID *	CreationDate *	Creator *
1	Madeira vine	<Null>	Early	11 - 25%	Midstorey	Green	Yes	53.515625	30.875421	[a9051389-b380-4a12-a08f-e01f10dc477]	12/08/2024 1:20:05.569 AM	LBCCG_seq
2	Madeira vine	<Null>	Established	1 - 10%	Midstorey	Green	Yes	563.523438	112.577406	[4f930987-0454-4c9c-8ed2-35a7100e3658]	12/08/2024 1:23:39.370 AM	LBCCG_seq
3	Madeira vine	<Null>	<Null>	26 - 40%	Midstorey	Green	Yes	1855.949219	186.669807	[311eddd7-fb4c-4a1c-aa8b-ea7137ed1dda]	12/08/2024 1:32:44.721 AM	LBCCG_seq
4	Madeira vine	<Null>	Established	41 - 60%	Midstorey	Green	Yes	122.226563	44.699029	[3e98bf64-804c-4381-aa1a-62828c7f9aa6]	12/08/2024 1:40:55.525 AM	LBCCG_seq
5	Madeira vine	<Null>	Established	41 - 60%	Midstorey	Green	Yes	1199.085938	177.269539	[675b6bda-bbc2-4a3c-bda9-63724863509a]	12/08/2024 1:48:24.560 AM	LBCCG_seq
6	Madeira vine	<Null>	Established	11 - 25%	Midstorey	Green	Yes	610.507813	104.877279	[e1785495-3e46-40c8-9e42-8f6ed9a6409d]	12/08/2024 1:49:32.958 AM	LBCCG_seq
7	Madeira vine	<Null>	Established	11 - 25%	Midstorey	Green	Yes	13574.125	1882.213354	[9d1aa771-ab11-43df-9fc1-f134cc5e4511]	12/08/2024 2:00:21.142 AM	LBCCG_seq

0 of 173 selected

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