



BRACKENRIDGE ESTATE

ENVIRONMENTAL CONTROL OFFICER REPORT

Report: #7

Period: 1 November to 30 November 2024

Date: 30 November 2024

Author: Kellyn Whitehead, MSc / ECO Brackenridge Estate



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OVERVIEW

The aim of this report is to document the deliverables agreed upon between the Homeowners Association (HOA), the Environmental Management Committee (EMC) and the Environmental Control Officer (ECO) to ensure the proper management of Brackenridge.

The report will be updated every month by the ECO, detailing the action plans for each deliverable, what has been achieved, what still needs to be completed and any recommendations for both estate management and homeowners.

All environmental management on the estate will be done in accordance with the Environmental Audit conducted by Professor Patricia Holmes in October 2023 and the updated Environmental Management Plan drawn up in October 2023.

Any new environmental concerns that are discovered during maintenance, or any changes found regarding the guidelines of the environmental audit, will be communicated in this report.

Any concerns or questions that homeowners may have in reference to environmental management can be addressed to either the General Manager or the ECO.

Boet Grobler, General Manager
manager@brackenridge.co.za
044 533 6547

Kellyn Whitehead, ECO
kellynwhitehead4@gmail.com
044 533 6547

ACTION POINT: Prescribed burns.

RELEVANCE: Regeneration and maintenance of endangered Garden Route Shale Fynbos; help circumvention of wildfires.

DELIVERABLES: Invasive alien control, fire belt cutting, permits, fuel reduction, prescribed burn, mopping up.

- Please refer to EMP, page 9 - 12 for more details.

Pre-burn preparation for Block 1 (11.8 ha).

Preparation of block 1 has begun and the Working on Fire (WoF) team have started clearing the 4m fire break, starting at the boundary of properties bordering this block.

Post-burn clean-up of Block 6 (3.00 ha).

The final stack burn for block 6 took place on the 12th November under the guidance of Steve Ritky. The management team made up of Boet and Eldred's team started and managed the stack burns. It was a successful day and the stacks burnt down as predicted and we can now mark block 6 as completed.

The ECO and management will continue to monitor the block for alien invasives and will work to thin out the Bietou bush and remove the Port Jackson and thistle. If any homeowners would like to get involved in the removal of AIS on block 5 and block 6, please let the ECO know.

Stack burn - block 6



The tortoises of Brackenridge are on the move once again, now that the weather is warming up. Please be cautious when driving on the estate as they have been seen on the roads.



ACTION POINT: Control growth and spread of invasive plant species.

RELEVANCE: Restoration of native ecosystems.

DELIVERABLES: Invasive alien control, Integrated Fire and Alien Species Management Plan.

- Please refer to EMP, page 13 for more details.

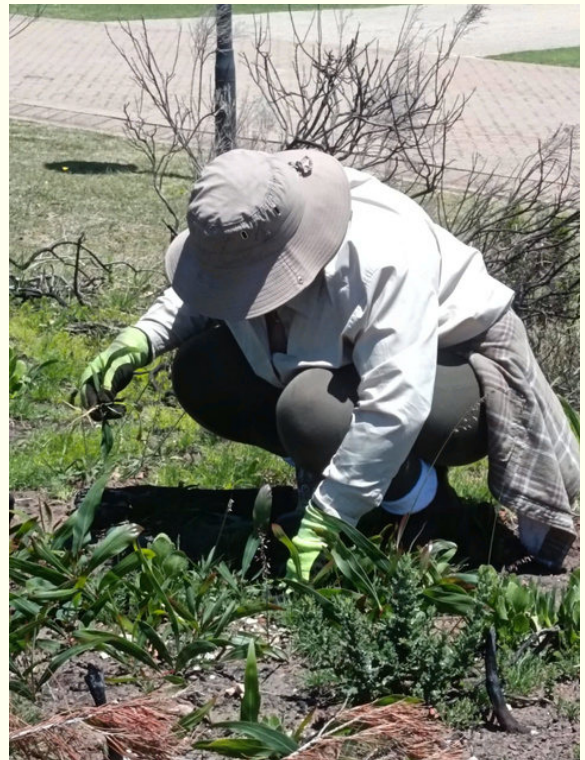
The ECO along with her intern, Yulyenne, found a large amount of Port Jackson (*Acacia saligna*) seedlings growing in block 6. As yet, no Port Jackson has been seen in block 5.

During the week of the 11th of November, the ECO, her intern and the HfH team started to tackle the removal of the Port Jackson in block 6. Block 6 will be broken up into sections to make sure each area is cover thoroughly before moving onto the next section.

Block 5 and block 6 have a large amount of thistle and wall fume that will also be removed.

The Bietou bush is growing prolifically in both blocks, and although not an invasive species, it will be thinned out in both blocks to allow other fynbos species to grow.

Removal of Port Jackson seedlings from block 6.



ACTION POINT: Maintain open spaces to standard specified in the approval of the site development plan.

RELEVANCE: Open spaces are aesthetically pleasing and ecologically viable.

DELIVERABLES: maintenance of roads, services and pedestrian network, erosion control, waste, and litter control.

- Please refer to EMP, page 14 - 15 for more details.

Walking trails: The new signage has been printed and will be placed around the estate during December. The names of each path will follow in January as these still need to be designed.



Maintenance: The ECO has completed the management guidelines for all open spaces on the estate. These guidelines are currently under review and will be finalised in due course.

OPEN SPACES

Block 5: New plants have been planted on the two berms that were created in block 5. Special thank to Angela Meister and Debbie Constant for their hard work planting all of the plants brought, along with assistance from the HfH team. Thank you Steve Harcourt-Cooke who assisted Angela with purchasing the plants.

A special mention to the two nurseries which kindly assisted with sourcing stock for the estate, Simply Green Nursery (The Craggs) and Blume Bespoke Nursery (The Heath), their service was impeccable.



Appendix A

Block 5 pre-burn plant species list

SCIENTIFIC NAME	COMMON NAME	COMMENTS
<i>Acacia cyclops</i>	Rooikrans	Invasive
<i>Buddleja salciifolia</i>	Sagewood	
<i>Centella asiatica</i>	Asian pennywort	
<i>cf Carpobrotus</i>	Sourfig	Awaiting ID
<i>cf Gnidia</i>	Cape saffron	Awaiting ID
<i>cf Restio</i>	True Cape reeds	Awaiting ID
<i>cf Satyrium</i>	Satyr orchid	Awaiting ID
<i>Chironia baccifera</i>	Christmas berry	Endemic to SA
<i>Chloris gayana</i>	Rhodes grass	
<i>Cliffortia stricta</i>	Staid Cape rose	Endemic to Fynbos
<i>Colpoon compressum</i>	Cape sumach	
<i>Erica canaliculata</i>	Hairy grey heather	Endemic to Fynbos
<i>Eriocephalus africanus</i>	Wild rosemary	Endemic to SA
<i>Euryops virgineus</i>	Virgin true-eye	Endemic to SA
<i>Haemanthus sanguineus</i>	Smooth bloodlily	Endemic to SA

Appendix A

SCIENTIFIC NAME	COMMON NAME	COMMENTS
<i>Helichrysum cymosum</i>	Fume everlasting	Endemic to SA
<i>Helichrysum foetidum</i>	Stinking everlasting	Endemic to SA
<i>Helichrysum petiolare</i>	Silver everlasting	Endemic to SA
<i>Hippia frutescens</i>	Scrambling stinkals	Endemic to SA
<i>Leucadendron salignum</i>	Common sunshine conebrush	Endemic to Fynbos
<i>Metalasia acuta</i>	Pointy blombos	Endemic to Fynbos
<i>Metalasia pungens</i>	Stink blombos	Endemic to Fynbos
<i>Osteospermum monolifera</i>	Bietou bush	Endemic to WC
<i>Oxalis imbricata</i>	Tile sorrel	Endemic to SA
<i>Passerina corymbosa</i>	Common gonna	Endemic to SA
<i>Pinus sp.</i>	Pine	Invasive
<i>Podalyria burchelli</i>	Hairy Cape sweetpea	Endemic to Fynbos
<i>Selago canescens</i>	Skinny bitterbush	Endemic to Fynbos
<i>Selago corymbosa</i>	Stiff bitterbush	Endemic to Fynbos
<i>Seriphium plumosum</i>	Common snake bush	
<i>Sersia lucida</i>	Blinktaaibos	

Appendix B

Block 6 pre-burn plant species list

SCIENTIFIC NAME	COMMON NAME	COMMENTS
<i>Anthanasia dentata</i>	Geel Blombos	Endemic to Fynbos
<i>Aspalathus ciliaris</i>	Fringe Cape gorse	Endemic to Fynbos
<i>Asaragus asparagoides</i>	Bridal asparagus	
<i>Burchellia bubalina</i>	Wild pomegranate	
<i>Centella asiatica</i>	Asian pennywort	
<i>cf Anthospermum</i>		Awaiting ID
<i>cf Asteriodae</i>	Daisy	Awaiting ID
<i>cf Carpobrotus</i>	Sourfig	Awaiting ID
<i>Chironia baccifera</i>	Christmas berry	Endemic to SA
<i>Cliffortia stricta</i>	Staid Cape rose	Endemic to Fynbos
<i>Colpoon compressum</i>	Cape sumach	
<i>Cyrtanthus contractus</i>	Common fire lily	
<i>Diospyros dichrophylla</i>	Poison star apple	
<i>Erica canaliculata</i>	Hairy grey heather	Endemic to Fynbos
<i>Erica peltata</i>	Shield heath	Endemic to Fynbos
<i>Grewia occidentalis</i>	Common cross berry	

Appendix B

SCIENTIFIC NAME	COMMON NAME	COMMENTS
<i>Halleria lucida</i>	Tree fuchsia	
<i>Helichrysum cymosum</i>	Fume everlasting	Endemic to SA
<i>Helichrysum foetidum</i>	Stinking everlasting	Endemic to SA
<i>Helichrysum petiolare</i>	Silver everlasting	Endemic to SA
<i>Hippia frutescens</i>	Scrambling stinkals	Endemic to SA
<i>Hypoxis villosa</i>	Shaggy star grass	
<i>Leucadendron salignum</i>	Common sunshine conebush	Endemic to Fynbos
<i>Metalasia acuta</i>	Pointy blombos	Endemic to Fynbos
<i>Metalasia pungens</i>	Stink blombos	Endemic to Fynbos
<i>Monopsis unidentata</i>	Wild violet	Endemic to SA
<i>Nidorella ivifolia</i>	Oven bush	
<i>Nidorella ulmifolia</i>	Ulm vleiweed	
<i>Osteospermum monolifera</i>	Bietou bush	Endemic to WC
<i>Oxalis imbricata</i>	Tile sorrel	Endemic to SA
<i>Oxalis purpurea</i>	Purple sorrel	Endemic to SA
<i>Passerina corymbosa</i>	Common gonna	Endemic to SA

Appendix B

SCIENTIFIC NAME	COMMON NAME	COMMENTS
<i>Pinus sp.</i>	Pine	Invasive
<i>Plecostachys serpyllifolia</i>	Petite-licorice	Endemic to SA
<i>Podalyria burchelli</i>	Hairy Cape sweetpea	Endemic to Fynbos
<i>Psoralea axillaris</i>	Violet-flash fountain bush	Endemic to SA
<i>Rapanea melanophloeos</i>	Cape beech	
<i>Selago canescens</i>	Skinny bitterbush	Endemic to Fynbos
<i>Selago corymbosa</i>	Stiff bitterbush	Endemic to Fynbos
<i>Seriphium plumosum</i>	Common snake bush	
<i>Sersia lucida</i>	Blinktaaibos	
<i>Sideroxylon inerme</i>	White milkwood	Protected
<i>Struthiola hirsuta</i>	Shaggy Cape spray	Endemic to Fynbos
<i>Tarchonanthus littoralis</i>	Coastal camphor bush	Endemic to SA
<i>Tecomaria capensis</i>	Cape honeysuckle	
<i>Westringia fruticosa</i>	Coastal rosemary	

Appendix C

Block 5 post-burn plant species list

SCIENTIFIC NAME	COMMON NAME	COMMENTS
<i>Disa bracteata</i>	Bract orchid	Endemic to Fynbos
<i>Fumaria muralis</i>	Wall fume	Introduced - weed
<i>Pelargonium grossularoides</i>	Coconut stroksbill	
<i>Satryium membranaceum</i>	Membrane orchid	Endemic to Fynbos
<i>Selago spp.</i>		

Appendix D

Block 6 post-burn plant species list

SCIENTIFIC NAME	COMMON NAME	COMMENTS
<i>Disa bracteata</i>	Bract orchid	Endemic to Fynbos
<i>Fumaria muralis</i>	Wall fume	Introduced - weed
<i>Hypoxis angustifolia</i>	Narrow stargrass	
<i>Ixia orientalis</i>	Eastern kalossie	Endemic to SA
<i>Pelargonium grossularoides</i>	Coconut storksbill	