

# Milnerton Racecourse Conservation Area






## MONTHLY EMS REPORT

MRNR  EMS  
Conservation

REPORT No.: 50

PERIOD: September 2011

DATE: 30 September 2011

<b>CONTRACTS MANAGEMENT</b>	<b>1</b>			
<ul style="list-style-type: none"> <li>✘ On the 7<sup>th</sup> September, CoCT assisted in planting the northern kikuyu buffer zone alongside the grass track with <i>Carpobrotus edulis</i>. An additional team of 5 members assisted on the 6<sup>th</sup>, 7<sup>th</sup>, 16<sup>th</sup> and 22<sup>th</sup> September in planting the northern kikuyu buffer zone, alien and weed clearing and path maintenance. See section 11 for expenditure breakdown to date.</li> </ul>				
<b>INVASIVE VEGETATION MANAGEMENT</b>	<b>2</b>			
<ul style="list-style-type: none"> <li>✘ Gold Circle assisted in clearing Port Jackson off their property on the 7<sup>th</sup> September.</li> <li>✘ Follow up woody alien clearing undertaken in the northern and southern areas on the 7<sup>th</sup> and 22<sup>nd</sup> Sep.</li> <li>✘ Half of the Focus Ultra provided by CCT was utilised on some of the kikuyu invaded areas in the northern section on the 7<sup>th</sup> Sep. Follow up to be undertaken during Oct.</li> <li>✘ The kikuyu buffer zone was completed during this month. The Rietvlei team assisted on the 7<sup>th</sup> Sep and the 5 additional workers on the 6<sup>th</sup>, 7<sup>th</sup> and 16<sup>th</sup> Sep. The corrugated iron barrier is to be installed after the 2012 ecological burn.</li> <li>✘ On the 22<sup>th</sup> Sep woody aliens and <i>Vicia</i> spp were handpulled and bagged in the northern area.</li> </ul>				
<b>FIRE MANAGEMENT</b>	<b>3</b>			
<ul style="list-style-type: none"> <li>✘ The planted <i>Carpobrotus edulis</i> in the firebreak along Stable Yard is growing well.</li> <li>✘ Clearing of the firebreak will continue during Jan/Feb 2012 along Sandown Crescent and The Met.</li> </ul>				
<b>REHABILITATION</b>	<b>4</b>			
<ul style="list-style-type: none"> <li>✘ No specific rehabilitation projects undertaken this month.</li> </ul>				
<b>INFRASTRUCTURE MANAGEMENT</b>	<b>5</b>			
<ul style="list-style-type: none"> <li>✘ <b>Stormwater outlets:</b> All outlets are clear of vegetation and open.</li> <li>✘ <b>Signage &amp; Fences:</b> Southern area no entry signboards area ready. Payment by Gold Circle pending. Gold Circle broken concrete railing has not been removed. <b>OUTSTANDING</b></li> <li>✘ <b>Path maintenance:</b> Path maintenance was undertaken on the 22<sup>rd</sup> Sep.</li> <li>✘ <b>Other:</b> Fixed point vegetation monitoring stands were erected on 7<sup>th</sup> Sep in both areas.</li> </ul>				
<b>FAUNA MANAGEMENT &amp; OBSERVATIONS</b>	<b>6</b>			
<ul style="list-style-type: none"> <li>✘ During Sep the monthly avifauna count was undertaken by Helm van Zijl in the northern and southern areas. Sightings for Sep have been uploaded onto the CoCT Biodiversity Database by RM.</li> <li>✘ Surveys will be undertaken on a regular basis to prevent species captured on the CoCT Biodiversity Database from becoming extinct due to the lack of recorded sightings.</li> </ul>				
				
Juvenile Cape Dwarf Chameleon	Dwarf Chameleon	Mole snake	Egyptian Goose nest	Angulate Tortoise

Vegetation:

✘ Vegetation: Some species observed during this month.



1) Unidentified sp, 2) *Bulbine praemorsa*, 3) *Conicosia pugioniformis*, 4) *Dimorphotheca pluvialis*, 5) *Leucadendron levisanus*, 6) *Struthiola stricta* sp, 7) *Spiloxene* sp, 8) *Thesium* sp, 9) *Heliophila coronopifolia*, 10) *Ixia* sp, 11) *Lachenalia* sp, 12) *Lachenalia* sp, 13) *Pelargonium triste*, 14) *Morea albiflora*, 15) *Morea flaccida*, 16) *Nemesia affinis*, 17) *Wachendorfia paniculata*, 18) *Spiloxene curculigoides*, 19) *Romulea obscura*, 20) *Spiloxene canaliculata*, 21) *Senecio arenarius*, 22) *Othonna filicaulis*, 23) *Triglochin bulbosa*, 24) *Watsonia* sp, 25) *Hermannia procumbens procumbens*, 26) *Trachyandra* sp.

✘ CREW undertook a site visit of the northern and southern areas on the 29<sup>th</sup> Aug. 32 species were recorded in the northern area and 46 species in the southern area. Species were uploaded onto the CCT Biodiversity database by RM.

✘ Fixed point photography of the vegetation for 28 September 2011.



Stand 1 (Southern area)



Stand 2 (Northern area)

**Water:**

✘ Fixed point photography of the wetlands for 26 September 2011.



Wetland 1



Wetland 2



Dam

✘ Wetland 1 & 2 are still at its lowest level for this time period since monitoring commenced in 2007.

✘ Rain gauge data supplied by Niel van Wyk records 42mm.

Measured in cm	Wetland 1 (Southern Conservation Area)					Wetland 2 (Northern Conservation Area)				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
Jan		114	76	67	18		31	34	47.5	29
Feb		61	46	44.2	0.5		1	12	29	1.5
Mar		53	28	25	0		0	0	13	0
Apr		35	18	13	0		0	5	3	0
May		22	37	35.6	0		1	33	46.6	4
Jun		59	69	70	14		51	62	71.8	43
Jul	123	153	143	35.6	61	82	94	102	46.6	50.2
Aug	150+	155	145	123.6	57	101	95.5	107	105	75.5
Sep	150+	187	161.5	112.5	71	97	101.5	150+	93	75
Oct	150+	160.5	143.5	95.5		83	91.5	150+	84	
Nov	150+	139.5	138	75.5		68	77	92	71	
Dec	135	108	91	46.75		52	58.5	69	45	

<b>ENVIRONMENTAL EDUCATION AND OUTREACH</b>	<b>8</b>
<ul style="list-style-type: none"> <li>✘ The spring walk will take place on the 8<sup>th</sup> October. Advertising for this event is in hand.</li> <li>✘ A Little Five School Holiday Program article was submitted to the Table Talk and Tygerburger.</li> </ul>	

<b>GENERAL INFORMATION / OBSERVATIONS / MEETINGS</b>	<b>9</b>
<ul style="list-style-type: none"> <li>✘ On the 21<sup>st</sup> Sep SG and KR took two Taiwanese exchange managers on a walk through MRNR highlighting management objectives and undertakings of the reserve.</li> <li>✘ On the 23<sup>rd</sup> Sep the EMC had a visit in the northern area to discuss cat proofing the palisade fencing.</li> <li>✘ On the 23<sup>rd</sup> Sep the MRNR EMS internal review was undertaken.</li> </ul>	

<b>ITEMS TO BE ADDRESSED IN THE UPCOMING MONTHS</b>	<b>10</b>
Regular monthly / bi-monthly tasks	✓ Ongoing
✘ Path maintenance & ad hoc alien clearing	
✘ Vegetation & water level monitoring / bird counts	
✘ Finalising TBNR IRMP	Ongoing
✘ CREW visit	6 Oct
✘ Spring Walk	8 Oct
✘ Flora transect survey	Oct
✘ Handpull <i>Vicia</i>	Oct
✘ MRNR Annual Review/Newsletter	Dec
✘ Grysbok reintroduction	2011
✘ MRNR EMS update	2011
✘ Red data species condition	2011

<b>RECORD OF LABOUR COSTS FOR MRNR</b>	<b>11</b>																																																										
<table border="1"> <thead> <tr> <th>Date paid</th> <th>No of payees</th> <th>Rate per day</th> <th>2% UIF</th> <th>Total cost</th> <th>Balance of advance</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>5,000.00</td> </tr> <tr> <td>18-Aug</td> <td>5</td> <td>120.00</td> <td>2.40</td> <td>612.00</td> <td>4,388.00</td> </tr> <tr> <td>23-Aug</td> <td>5</td> <td>120.00</td> <td>2.40</td> <td>612.00</td> <td>3,776.00</td> </tr> <tr> <td>24-Aug</td> <td>5</td> <td>120.00</td> <td>2.40</td> <td>612.00</td> <td>3,164.00</td> </tr> <tr> <td>06-Sep</td> <td>5</td> <td>120.00</td> <td>2.40</td> <td>612.00</td> <td>2,552.00</td> </tr> <tr> <td>07-Sep</td> <td>5</td> <td>120.00</td> <td>2.40</td> <td>612.00</td> <td>1,940.00</td> </tr> <tr> <td>16-Sep</td> <td>5</td> <td>120.00</td> <td>2.40</td> <td>612.00</td> <td>1,328.00</td> </tr> <tr> <td>22-Sep</td> <td>5</td> <td>120.00</td> <td>2.40</td> <td>612.00</td> <td>716.00</td> </tr> </tbody> </table>						Date paid	No of payees	Rate per day	2% UIF	Total cost	Balance of advance						5,000.00	18-Aug	5	120.00	2.40	612.00	4,388.00	23-Aug	5	120.00	2.40	612.00	3,776.00	24-Aug	5	120.00	2.40	612.00	3,164.00	06-Sep	5	120.00	2.40	612.00	2,552.00	07-Sep	5	120.00	2.40	612.00	1,940.00	16-Sep	5	120.00	2.40	612.00	1,328.00	22-Sep	5	120.00	2.40	612.00	716.00
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