

Table Bay Nature Reserve - Milnerton Racecourse Section
MONTHLY EMS REPORT

MR EMS
 Conservation

REPORT No.: 59

PERIOD: July 2012

DATE: 27 July 2012

CONTRACTS MANAGEMENT

1

- ✘ 3rd & 4th July - Environmental School Holiday Programme (ECM & CCT)
- ✘ 11th July - Alien clearing, litter cleanup & path maintenance (CCT)

INVASIVE VEGETATION MANAGEMENT

2

- ✘ Follow-up clearing of woody alien species was undertaken on the 11th July.
- ✘ Sourcing and costing for kikuyu barrier material to be undertaken in August. Barrier to be installed during summer to avoid working when the water table is high. Outstanding
- ✘ Herbicide overspray from Sandown Crescent into the Northern Area of the Reserve observed. It would appear that landscape maintenance of Sandown Crescent was undertaken from inside the Reserve. On-site maintenance personnel from Sandown Crescent has been notified and requested to liaise with the ECM in future.

FIRE MANAGEMENT

3

- ✘ On the 17th & 24th July burn block 3 regrowth was monitored. (See 7. Biological Monitoring, Vegetation).

REHABILITATION

4

- ✘ Nothing undertaken during July.

INFRASTRUCTURE MANAGEMENT

5

- ✘ **Stormwater outlets:** All outlets are open.
- ✘ **Signage & Fences:** KR received Reserve signage (example adjacent). Gold Circle Do's & Don'ts posters given to Alvin.
- ✘ **Benches:** No issues notes with bench installation following rains.
- ✘ **Path maintenance:** Path maintenance was undertaken on 11th July.
- ✘ **General:** Graffiti on Stable Yard wall not yet removed.



FAUNA MANAGEMENT & OBSERVATIONS

6

- ✘ During July the monthly avifauna count was undertaken by Helm van Zijl in the northern and southern areas. Sightings for June & July have been uploaded onto the CCT Biodiversity Database.
- ✘ Updating of reserves fauna species lists is ongoing.
- ✘ Uploading of unidentified species onto I-Spot for identification is occurring
- ✘ Interesting sightings: Male Cape Grysbok in the northern area during the day, Terrapin in the southern wetland, Tadpole (unidentified) in the northern wetland, African Snipe, last spotted in 2004.



Vegetation:

- ✘ Some species observed during this month in the southern area.



1) *CF Othonna filicaulis*, 2) *Lampranthus filicaulis*, 3) *Salvia africana-lutea*, 4) *CF Tricholomopsis rutilans*

- ✘ Burn Block 3 regenerating species.



1) Unidentified sp, 2) *Lampranthus CF glaucus*, 3) *Romulea CF flava* 4) *Carpobrotus acinaciformis*, 5) *Oxalis CF pes caprae*, 6) *Oxalis purpurea*, 7) *Pelargonium myrrhifoliu*, 8) *Lachenalia reflexa*, 9) *Oxalis pes caprae*, 10) *Fumaria muralis subsp. Murali*, 11) *CF Sparaxis sp*, 12) *Hermannia CF procumbens procumbent*, 13) *Carpobrotus acinaciformis*

- ✘ MRNR flora species list is being updated. Cross referencing with the biodiversity database underway.
- ✘ Quarterly fixed point photography to be undertaken in September.

Water:

✕ Monthly fixed point photography of the wetlands.

15 July 2011

24 July 2012



Mnth	Wetland 1 - Southern Area(cm)						Wetland 2 - Northern Area(cm)						Rainfall Data (mm)							
	2007	2008	2009	2010	2011	2012	2007	2008	2009	2010	2011	2012	2007	2008	2009	2010	2011	2012		
Jan		114	76	67	18	0		31	34	47.5	29	10		0	3	3	2.5	13	5.75	
Feb		61	46	44.2	0.5	0		1	12	29	1.5	0		28	12	8	5	5.5	2.5	
Mar		53	28	25	0	0		0	0	13	0	0		20	7	0	8.5	5.5	18	
Apr		35	18	13	0	0		0	5	3	0	9		65	18	44	7	30	78	
May		22	37	35.6	0	0		1	33	46.6	4	31.6		61.5	54	166	121	47	61	
Jun		59	69	70	14	26		51	62	71.8	43	61		111	107	81	100.5	55	83.5	
Jul		123	153	143	35.6	61	96	82	94	102	46.6	50.2	91		106	175	96.5	62	70	95.5
Aug		150+	155	145	123.6	57		101	95.5	107	105	75.5		102	87	80	60.5	101		
Sep		150+	187	161.5	112.5	71		97	101.5	150+	93	75		18	160	67	14.5	42		
Oct		150+	160.5	143.5	95.5	59.5		83	91.5	150+	84	67.2		20	15	45.5	30.5	20		
Nov		150+	139.5	138	75.5	48		68	77	92	71	61		34	60.5	82	36.5	31		
Dec		135	108	91	46.75	24		52	58.5	69	45	43.5		24	5	9	10.5	32.5		

Rain gauge data supplied by Niel van Wyk records 95.5mm for 1st - 25th July.

ENVIRONMENTAL EDUCATION AND OUTREACH

8

- ✘ The Milnernton Racecourse Environmental School Holiday Programme was undertaken on the 3rd & 4th July. The Rietvlei EE centre was utilised due to weather conditions. In total 22 children and 3 adults attended the Wetland Adventure on the 3rd and 18 children and 2 adults attended the Little Five on the 4th.



GENERAL INFORMATION / OBSERVATIONS / MEETINGS

9

Nothing to report

ITEMS TO BE ADDRESSED IN THE UPCOMING MONTHS

10

Regular monthly / bi-monthly tasks		
✘ Path maintenance & ad hoc alien clearing / litter cleanups	✓	Ongoing
✘ Vegetation & water level monitoring / bird counts		
✘ MRNR EMS update	½	Ongoing
✘ Update flora species list		Ongoing
✘ Path maintenance	✓	Jul
✘ School Holiday EE programmes	✓	3-4 Jul
✘ Kikuyu barrier quote	✘	Jul
✘ Gold Circle environmental awareness	✓	Jul
✘ letter to Bodies Corporates urging enforcement of their no pet policies	✘	Jul
✘ Erect/install CCT signboards		Aug
✘ Hand pulling of weeds		Aug - Oct
✘ CREW visit		Oct
✘ Spring walk		Oct
✘ Spray kikuyu		Nov - Dec
✘ Road signage		2012
✘ Bird hide structural planning		2012
✘ EE environmental education planning		2012
✘ Update maps		2012
✘ Grysbok introduction		2012