

Table Bay Nature Reserve - Milnerton Racecourse Section
MONTHLY EMS REPORT

REPORT No.: 61

PERIOD: September 2012

DATE: 28 September 2012

FIELD WORK

1

- ✘ 5th & 12th Sep - Path maintenance & weeding (CCT)
- ✘ 12th Sep - Erecting signage (CCT)
- ✘ 13th, 18th & 19th - BB3 transect monitoring (ECM)
- ✘ 20th Sep - Botanical site visit (Clive McDowell)

INVASIVE VEGETATION MANAGEMENT

2

- ✘ Follow-up clearing of woody alien species will be undertaken in Oct.
- ✘ Sourcing and costing for kikuyu barrier material is being undertaken by KR.
- ✘ Handpulling of weeds was undertaken in the northern area on the 5th & 12th Sep.

FIRE MANAGEMENT

3

- ✘ SG monitored BB3 on the 13th, 18th & 19th Sep. Three transects were set in different vegetation structures, namely shrub, restio and grassland. Data capturing & species identification underway.
- ✘ On the 20th Sep burn block 3 regrowth was monitored by Clive McDowell. (See 7. Biological Monitoring, Vegetation).

REHABILITATION

4

- ✘ No rehabilitation undertaken during Sep.

INFRASTRUCTURE MANAGEMENT

5

- ✘ **Stormwater outlets:** All outlets are open.
- ✘ **Signage & Fences:** CCT regulatory signboard was erected on the 12th Sep. Existing information board has been moved. (See 9. General Information / observations / meetings).
- ✘ **Path maintenance:** Path maintenance was undertaken on the 5th & 12th Sep.



FAUNA MANAGEMENT & OBSERVATIONS

6

- ✘ Updating of Domestic animal policy underway.
- ✘ During Sep the monthly avifauna count was undertaken by Helm van Zijl in the northern and southern areas. Sightings for Sep still to be uploaded onto the CCT Biodiversity Database by SG.



Skaapsteker



Mole Snake



CF Clicking Stream Frog



Freshwater Crab



Marsh Terrapin

Vegetation:

✕ Some species observed during this month in the southern area.



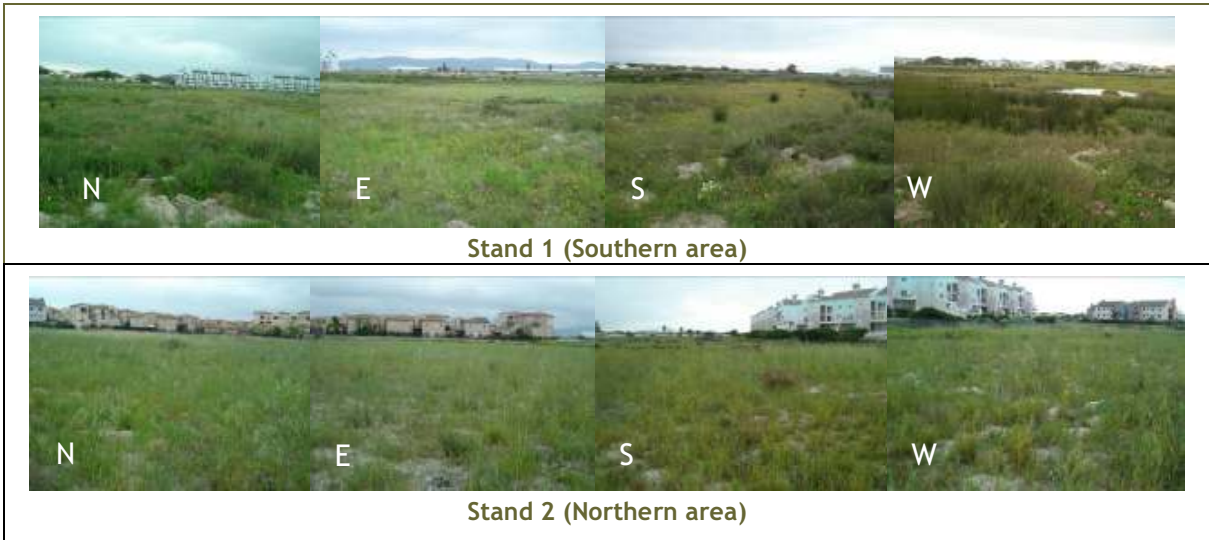
1) *Lampranthus sociorum* , 2) *Geissorhiza juncea*, 3) *Lampranthus calcaratus*, 4) Unidentified, 5) *Muraltia satureioides*, 6) *Ferraria* sp, 7) *Colchicum eucomoides*, 8) Unidentified sp, 9) *Carpobrotus acinaciformis*, 10) *Phylca* sp

✕ Burn Block 3 regenerating species.



1) *Wurmbea spicata*, 2) *Ornithoglossum viride* 3) *Albuca canadensis*, 4) *Babiana tubiflora*, 5) *Spiloxene caniculata* , 6) *Tetragonia fruticosa*, 7) *Zygophyllum sessilifolium*, 8) *Felicia tenella*, 9) *Lachenalia contaminata* , 10) *Bulbine anua*, 11) *Conicosia pugioniformis*, 12) *Elegia rectum*, 13) *Gladiolus cunonius*, 14) *Disphyma crassifolium*, 15) *Morea* sp, 16) CF *Baeometra uniflora*

✘ Quarterly fixed point vegetation photography for 26 Sep 2012.



Water:

✘ Monthly fixed point photography of the wetlands.

		26 Sep 2011	26 Sep 2012
WETLAND 1			
DAM	26 Sep 2011		
	26 Sep 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	81.5
Jul	123	153	143	35.6	61	96	82	94	102	46.6	50.2	91	106	175	96.5	62	70	111.5
Aug	150+	155	145	123.6	57	133	101	95.5	107	105	75.5	100	102	87	80	60.5	101	100
Sep	150+	187	161.5	112.5	71	127	97	101.5	150+	93	75	96.5	18	160	67	14.5	42	43.5
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 43.5mm from the 1st - 25th Sep.

ENVIRONMENTAL EDUCATION AND OUTREACH

8

- ✘ Spring walk to take place on Saturday the 13th October 2012 in the northern and southern areas. Planning underway.

GENERAL INFORMATION / OBSERVATIONS / MEETINGS

9

- ✘ On the 13th Sep KR and SG took one Taiwanese exchange manager on a walk through MRNR highlighting the management objectives and undertakings of the reserve.
- ✘ On the 12th Sep NvW, HvZ & SG met to discuss the positioning of the CCT regulatory signboard and existing information board. It was discussed that the CCT regulatory signboard be placed on CCT land in the same position as the existing information board at the northern area entrance. The existing information board was relocated along the palisade fence of Sandown Crescent at the northern area entrance.

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 |
| ✘ Erect/install CCT signboards | ½ | Sep |
| ✘ Path maintenance | ½ | Sep/Oct |
| ✘ Hand pulling of weeds in the northern area | ¾ | Sep/Oct |
| ✘ Hand pulling of weeds in the southern area | | Oct |
| ✘ Letter to Bodies Corporates urging enforcement of their no pet policies | ½ | Oct |
| ✘ Spring walk | | 13 Oct |
| ✘ Spray kikuyu | | Nov - Dec |
| ✘ Kikuyu barrier quote | | 2012 |
| ✘ Road signage | | 2012 |
| ✘ Update maps | | 2012 |
| ✘ Grysbok introduction | | 2012 |
| ✘ Bird hide structural planning | | 2012/13 |