

**Table Bay Nature Reserve - Milnerton Racecourse Section**  
**MONTHLY EMS REPORT**

REPORT No.: 65

PERIOD: Feb 2013

DATE: 22 February 2012

**FIELD WORK / CONTRACTS**

**1**

**Reserve Management Activities**

- ✘ Flora monitoring - 20 Feb
- ✘ Alien clearing - 30<sup>th</sup> Jan & 6<sup>th</sup>, 14<sup>th</sup> & 19<sup>th</sup> Feb

**Contract work in Precincts**

- ✘ Refurbishment of Stable Yard fencing along the boundary of the northern area - 29<sup>th</sup>, 30<sup>th</sup> Jan & the 5<sup>th</sup>, 6<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> & 20<sup>th</sup> Feb

**INVASIVE VEGETATION MANAGEMENT**

**2**

- ✘ Handpulling of Port Jackson seedlings was undertaken in the northern area on the 30<sup>th</sup> Jan & the 6<sup>th</sup>, 14<sup>th</sup> & 19<sup>th</sup> Feb. Area to be completed in March.
- ✘ Minimal Kikuyu regrowth in the northern area noted. Kikuyu to be sprayed using Focus Ultra in March/April.
- ✘ Sourcing and costing for kikuyu barrier material is being undertaken by TBNR Management.

**FIRE MANAGEMENT**

**3**

- ✘ On the 20<sup>th</sup> Feb Burn Block 3 regrowth was monitored. (See 7. Biological Monitoring, Vegetation).
- ✘ Data capturing and species identification of Burn block 3 transect monitoring underway.

**REHABILITATION**

**4**

- ✘ The dumping of garden refuse and other domestic waste along Stable Yard is currently being investigated.

**INFRASTRUCTURE MANAGEMENT**

**5**

- ✘ **Stormwater outlets:** All outlets are open.
- ✘ **Signage & Fences:** No issues noted.
- ✘ **Path maintenance:** Path maintenance
- ✘ **General:** Two historical "boreholes" noted in the northern area. Borehole 1 is 91cm deep and borehole 2 is 88cm deep. Holes have been temporarily closed off as permanent closure is being investigated.

**FAUNA MANAGEMENT & OBSERVATIONS**

**6**

- ✘ No monthly avifauna surveys were undertaken in Feb. Surveys to resume in March.
- ✘ The male and female Cape Grysbok that were translocated to Intaka Island From MRNR in 2010 are successfully breeding.
- ✘ Entomologist students from Stellenbosch University are assisting with the identification of previously recorded insect species found in the northern and southern area of MRNR.



Cape Grysbok lamb

**Vegetation:**

✘ Some species observed during Dec & Jan.



1) *Senecio* sp, 2 *Ficinia nodosa*, 3) *Metalasia muricata*, 4) *Passerina* sp/*Muraltia spinosa*, 5) *Unidentified* sp, 6) *Lobeli* sp, 7) *Searsia laevigata* var. *laevigata* forma *laevigata*, 8) *Senecio* sp, 9) *Unidentified* sp, 10) *Helichrysum patulum*, 11) *Monopsis lutea*

✘ Quarterly fixed point vegetation photography to be undertaken in March.

✘ Updating of species list underway.

**Water:**

✘ Feb fixed point photography of the wetlands.

		21 Feb 2012	21 Feb 2013
WETLAND 1			
DAM	21 Feb 2012		



Mnth	Wetland 1 - Southern Area( cm)							Wetland 2 - Northern Area( cm)							Rainfall Data (mm)						
	2007	2008	2009	2010	2011	2012	2013	2007	2008	2009	2010	2011	2012	2013	2007	2008	2009	2010	2011	2012	2013
Jan		114	76	67	18	0	23		31	34	47.5	29	10	11	0	3	3	2.5	13	5.75	7.5
Feb		61	46	44.2	0.5	0	10		1	12	29	1.5	0	0	28	12	8	5	5.5	2.5	38
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	60	
Oct	150+	160.5	143.5	95.5	59.5	117		83	91.5	150+	84	67.2	94.5		20	15	45.5	30.5	20	36	
Nov	150+	139.5	138	75.5	48	86		68	77	92	71	61	73		34	60.5	82	36.5	31	15.5	
Dec	135	108	91	46.75	24	70		52	58.5	69	45	43.5	61		24	5	9	10.5	32.5	3	

✘ Rain gauge data supplied by Niel van Wyk records 38mm for Feb indicating the highest rainfall since monitoring started in 2007.

#### ENVIRONMENTAL EDUCATION AND OUTREACH

8

- ✘ The draft Annual Newsletter for 2012 is complete. It will be distributed to the EMC for comment and once finalised the newsletter will be distributed to the public.
- ✘ The Milnerton and Claremont group from The Cape Jewish Senior Association will be taken on a guided walk through the southern area on the 12<sup>th</sup> & 13<sup>th</sup> March. Planning and access route maintenance is underway.

#### GENERAL INFORMATION / OBSERVATIONS / MEETINGS

9

- ✘ The updating of the EMS by Maya Beukes and WLS is complete.
- ✘ SG undertook site inspections of the Stable Yard palisade fence work on the 29<sup>th</sup> & 30<sup>th</sup> Jan, 5<sup>th</sup>, 6<sup>th</sup>, 12<sup>th</sup>, 13<sup>th</sup> & 20<sup>th</sup> Feb. No issues noted.
- ✘ A complaint was received via e-mail from a Stable Yard resident about the presence of Port Jackson's in the northern area. KR replied stating that the ecological burn has triggered the germination of dormant seeds and that some of the Port Jackson's are too small to be handpulled and need to be left to grow larger so that the stem is hard enough to handpull. Handpulling of larger Port Jackson's has been undertaken since last year. Followup clearing is currently being undertaken in the northern area.
- ✘ Gold Circle has granted permission for the grass of the sand track islands to be cut at the southern area entrance. This will ensure that the southern area entrance is accessible for The Cape Jewish Senior Association guided walk.

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		
✘ Updating of flora species list		
✘ MRNR EMS update	100%	Nov/Feb
✘ Annual newsletter - complete, to be printed and distributed	95%	Nov-Feb
✘ Brush cut southern area entrance		Feb/Mar
✘ The Cape Jewish Senior Association		12,13 Mar
✘ Port Jackson clearing		Mar/Apr
✘ Spray kikuyu		Mar/Apr
✘ APO planning for 2013/14		May/Jun
✘ Kikuyu barrier quote		2013
✘ Grysbok introduction		2013
✘ Road signage		2013
✘ Update maps		2013
✘ Investigation of Bird hide possibilities		2013