

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

MR EMS
Conservation

REPORT No.: 73

PERIOD: October 2013

DATE: 25 October 2013

FIELD WORK / CONTRACTS

1

Reserve Management Activities

- ✘ Path maintenance - 2nd Oct
- ✘ Weed handpulling - 2nd, 9th, 17th Oct
- ✘ Flora monitoring - 23rd Oct

INVASIVE VEGETATION MANAGEMENT

2

- ✘ Alien clearing of Port Jackson's will be undertaken in Nov.
- ✘ The handpulling of weeds was undertaken on the 2nd, 9th, 17th Oct in the northern and southern area of the Reserve. Handpulling for the year will be completed in Nov.
- ✘ The kikuyu growing along Sandown Crescent & La Camargue will be sprayed with herbicide in summer.

FIRE MANAGEMENT

3

- ✘ On the 23rd Oct Burn Block 3 (N Area) regrowth was monitored. (See 7. Biophysical Monitoring).
- ✘ The transect monitoring data of Burn Block 3 has been captured.

REHABILITATION

4

- ✘ Nothing to report.

INFRASTRUCTURE MANAGEMENT

5

- ✘ **Stormwater outlets:** All outlets are open and functioning.
- ✘ **Signage & Fences:** KR submitted the tourism signage proposal to the CCT Tourism Department.
- ✘ **Path maintenance:** Path maintenance was undertaken from the style to the boardwalk on the 2nd Oct.

FAUNA MANAGEMENT & OBSERVATIONS

6

- ✘ On the 15th & 16th Oct the monthly avifauna count was undertaken by HvZ in the northern and southern areas. 22 species were sighted in the northern area and 25 in the southern area. Sightings for Oct still to be uploaded onto the CCT Biodiversity Database.

BIOPHYSICAL MONITORING

7

Vegetation:

- ✘ Some species observed during Oct.









1) *Heliophila africana*, 2) *Agathosma imbricata*, 3) *Tetragonia fruticosa*, 4) *Phyllobolus canaliculatus*, 5) *Geissorhiza exscapa*, 6) *Ornithogalum thyrsoides*

✘ Quarterly fixed point vegetation photography will be undertaken in Dec.

Water:

✘ Oct fixed point photography of the wetlands.

WETLAND 1	23 October 2012		<table border="1"> <thead> <tr> <th rowspan="2">Mnth</th> <th colspan="7">Wetland 1 - Southern Area (cm)</th> </tr> <tr> <th>2007</th> <th>2008</th> <th>2009</th> <th>2010</th> <th>2011</th> <th>2012</th> <th>2013</th> </tr> </thead> <tbody> <tr><td>Jan</td><td></td><td>114</td><td>76</td><td>67</td><td>18</td><td>0</td><td>23</td></tr> <tr><td>Feb</td><td></td><td>61</td><td>46</td><td>44.2</td><td>0.5</td><td>0</td><td>10</td></tr> <tr><td>Mar</td><td></td><td>53</td><td>28</td><td>25</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>Apr</td><td></td><td>35</td><td>18</td><td>13</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>May</td><td></td><td>22</td><td>37</td><td>35.6</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>Jun</td><td></td><td>59</td><td>69</td><td>70</td><td>14</td><td>26</td><td>56</td></tr> <tr><td>Jul</td><td>123</td><td>153</td><td>143</td><td>35.6</td><td>61</td><td>96</td><td>86</td></tr> <tr><td>Aug</td><td>150+</td><td>155</td><td>145</td><td>123.6</td><td>57</td><td>133</td><td>150+</td></tr> <tr><td>Sep</td><td>150+</td><td>187</td><td>161.5</td><td>112.5</td><td>71</td><td>127</td><td>150+</td></tr> <tr><td>Oct</td><td>150+</td><td>160.5</td><td>143.5</td><td>95.5</td><td>59.5</td><td>117</td><td>150+</td></tr> <tr><td>Nov</td><td>150+</td><td>139.5</td><td>138</td><td>75.5</td><td>48</td><td>86</td><td></td></tr> <tr><td>Dec</td><td>135</td><td>108</td><td>91</td><td>46.75</td><td>24</td><td>70</td><td></td></tr> </tbody> </table>	Mnth	Wetland 1 - Southern Area (cm)							2007	2008	2009	2010	2011	2012	2013	Jan		114	76	67	18	0	23	Feb		61	46	44.2	0.5	0	10	Mar		53	28	25	0	0	0	Apr		35	18	13	0	0	0	May		22	37	35.6	0	0	0	Jun		59	69	70	14	26	56	Jul	123	153	143	35.6	61	96	86	Aug	150+	155	145	123.6	57	133	150+	Sep	150+	187	161.5	112.5	71	127	150+	Oct	150+	160.5	143.5	95.5	59.5	117	150+	Nov	150+	139.5	138	75.5	48	86		Dec	135	108	91	46.75	24	70	
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✘ Rain gauge data supplied by Niel van Wyk records 3mm from the 1st - 24th Oct.

ENVIRONMENTAL EDUCATION AND OUTREACH**8**

- ✘ The annual spring walk was re-advertised in the Tygerburger on the 3rd Oct and was undertaken on Sunday the 6th Oct. In total 10 people attended the informative guided walk through the southern area. The new Reserve brochure with a flora identification guide was distributed for identification purposes and for further information about the Reserve. The flora identification guide for the northern area was distributed at the end of the walk for visitors who wished to undertake a walk on their own accord in the northern area.

**GENERAL INFORMATION / OBSERVATIONS / MEETINGS****9**

- ✘ On the 10th Oct the Site Manager positions for the Reserve was advertised. Interviews will commence in Nov.

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		
✘ Burn Block 3 transect monitoring data capturing	✓	Oct
✘ Spring walk	✓	Oct
✘ Handpulling / weeding	¾	Oct-Nov
✘ Annual report		Dec
✘ Fauna management plan	¾	2013
✘ Grysbok introduction		2013
✘ Road signage		2013
✘ Investigation of Bird hide possibilities		2013
✘ Update maps		2013