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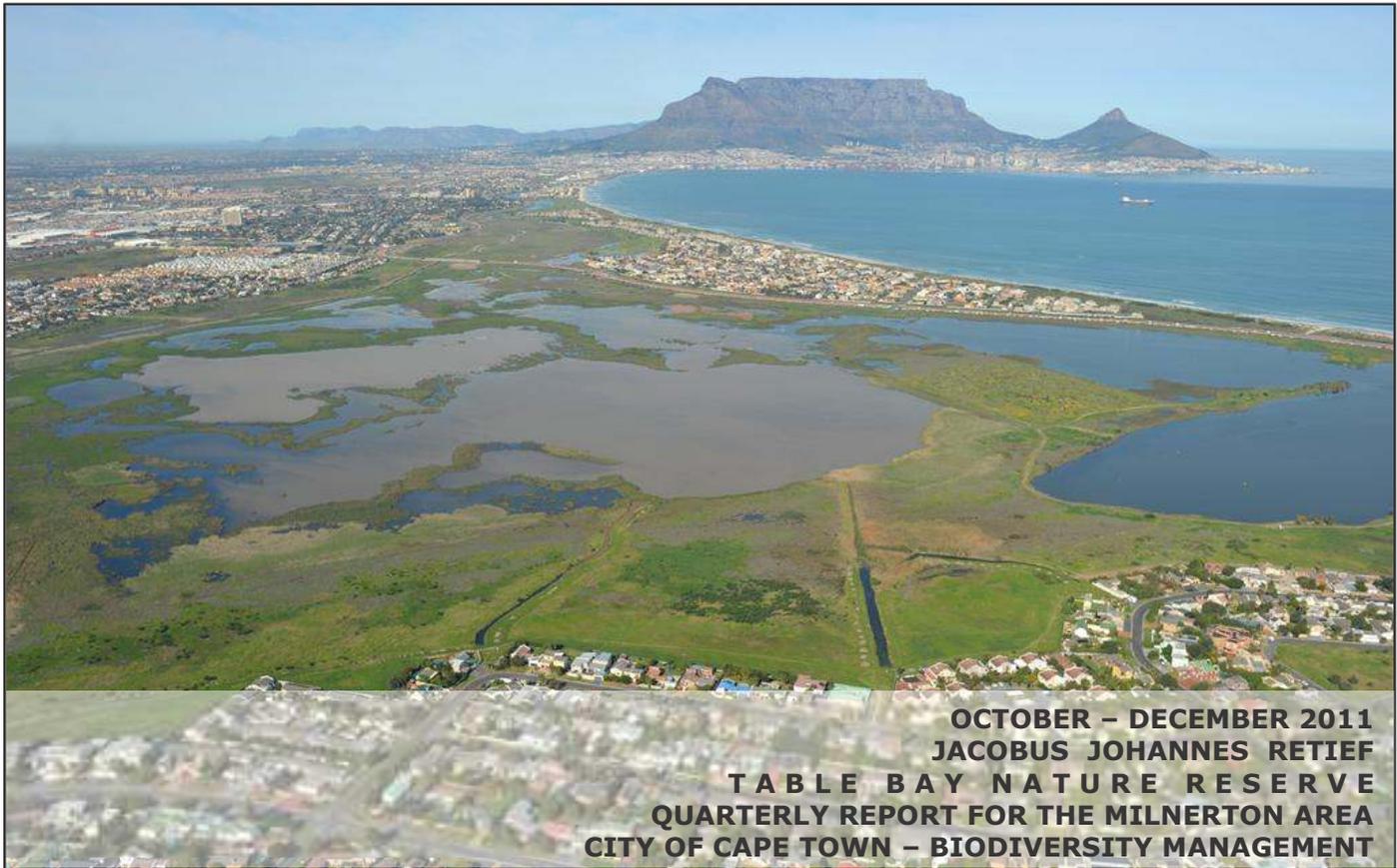
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**OCTOBER – DECEMBER 2011
JACOBUS JOHANNES RETIEF
TABLE BAY NATURE RESERVE
QUARTERLY REPORT FOR THE MILNERTON AREA
CITY OF CAPE TOWN – BIODIVERSITY MANAGEMENT**

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1 BIODIVERSITY MANAGEMENT

- This is a **three month (quarter) report** and it will be covering all the activities for the period running from **1 October 2011 to 31 December 2011** within the Milnerton Area, one of the North District's management areas.
- **Highlights:** The **Rietvlei office construction** is by far the most noteworthy development in Table Bay Nature Reserve (TBNR) at the moment.
- **Protection status:** Full Council approved the process for proclamation applications for the nature reserves in the City. **Table Bay Nature Reserve** (TBNR) is part of the batch of reserves. A Conservation Development Framework (CDF) must be planned for Table Bay Nature Reserve. Arrangements are being made to have this done.
- **Nature Reserve Site Visits:** The annual reserve site visit of the Branch manager was supposed to take place on 2011/10/26. This did however not take place due to Koos Retief being sick on that date. No new dates were scheduled as yet.
- **SA Biodiversity Database:** The TBNR is covered by four sites on the database. Statistics of the recorded species in these sites is given below (see Table 1). A future intention is to be able to draw a **combined report** for the species present in the TBNR, consisting of the sites names "Rietvlei Wetland Reserve," "Zoarvlei," "Milnerton Racecourse," and "Diep River." It was also suggested to include a new site for the "**Potsdam Waste Water Treatment Works**". A request was submitted to create this as a site and feedback is being awaited. On 2011/12/9 intern **Gary Beukman** visited the North region to demonstrate new features of the database and to train operators to insert management blocks and maps.

Table 1. Biodiversity Database statistics for TBNR (updated 2011/01/10)

CLASS	Rietvlei Wetlands	Diep River & Fynbos Corridor	Milnerton Racecourse	Zoarvlei
Plants	Down 20 to 88	Up 10 to 13	Unchanged at 157	Unchanged at 1
Mammals	Unchanged at 14	Unchanged at 4	Unchanged at 14	Unchanged at 4
Pisces (Fish)	Unchanged at 9	Unchanged at 0	Unchanged at 0	Unchanged at 2
Birds (Aves)	Up 7 to 128	Unchanged at 49	Unchanged at 94	Unchanged at 3
Reptilia	Unchanged at 14	Unchanged at 2	Unchanged at 8	Unchanged at 2
Amphibia	Unchanged at 5	Unchanged at 1	Unchanged at 4	Unchanged at 1
Insecta	Up 3 to 5	Unchanged at 0	Unchanged at 14	Unchanged at 0
TOTALS	Down 10 to 263	Unchanged at 69	Unchanged at 291	Unchanged at 13

- Some noteworthy sightings recorded in the TBNR this quarter include:
 - **Diep River:** *Naja nivea* (Cape Cobra).
 - **Rietvlei wetlands:** *Arctocephalus pusillus* (Cape fur seal), *Raphicerus melanotis* (Cape Grysbok), *Burhinus capensis* (Spotted Thick-knee), *Circus ranivorus* (African Marsh-Harrier), *Gallinago nigripennis* (African Snipe, Ethiopian Snipe), and *Halcyon albiventris* (Brown-hooded Kingfisher).
 - **Milnerton Racecourse:** *Hirundo cucullata* (Greater Striped Swallow), *Hirundo rustica* (Barn Swallow), *Apus barbatus* (African Black Swift), *Tachymarptis melba* (Alpine Swift), *Apus caffer* (White-rumped Swift), *Falco biarmicus* (Lanner Falcon), *Apus affinis* (Little Swift), *Scleroptila africanus* (Grey-winged Francolin), *Calandrella cinerea* (Red-capped Lark), *Hirundo dimidiata* (Pearl-breasted Swallow), and *Merops apiaster* (European Bee-eater).

2 CONSERVATION

2.1 Flora Management

2.1.1 Invasive Species Management

- **Ward allocations:** Council approved **ward allocations** totalling R129,000 for the 2011/2012 financial year in the Milnerton Area. These are two alien clearing projects, one at Rietvlei to the value of R99,000 and one in the Diep River & Fynbos Corridor to the value of R30,000. The projects were created on SAP and their project numbers are N12.00121 and N12.00122. The contractor is working for the North Region on a tender. The clearing in the Rietvlei section has been concluded, including Milnerton Ridge, Milnerton Lagoon, Wave's Edge, Coastal Section, and Central Pans. The contractor must move to the Diep River in the new year.
- **Biodiversity Management budget:** An alien clearing of R82,630 was allocated for the Diep River section. This contract was completed. See below figures 1-4 below.



Figure 1. The contractor clearing emergent weeds out of the Diep River.



Figure 2. Port Jackson clearing in Diep River.

Before-and-after pictures



Figures 3 & 4. Before and after alien clearing in the Diep River section.

- The **TBNR Team's alien clearing work** was primarily concentrated on follow-up clearing of the area between SANCCOB and the Soccer grounds, as well as removing palm trees in the Milnerton Lagoon section. See figures 5-8 below.



Figures 5 and 6. Various stages of removal of a medium-sized palm tree in Milnerton Lagoon section.



Figure 7. Removal of Port Jacksons.

Figure 8. Planting of sour figs at the site of a removed palm tree to stabilise the soil.

2.2 Fauna Management

2.2.1 Monitoring of Wildlife: Game counts and sightings

- Some interesting pictures taken this quarter include figures 9-13 below:



Figure 9. Cape cobra (*Naja nivea*) observed at Diep River section.

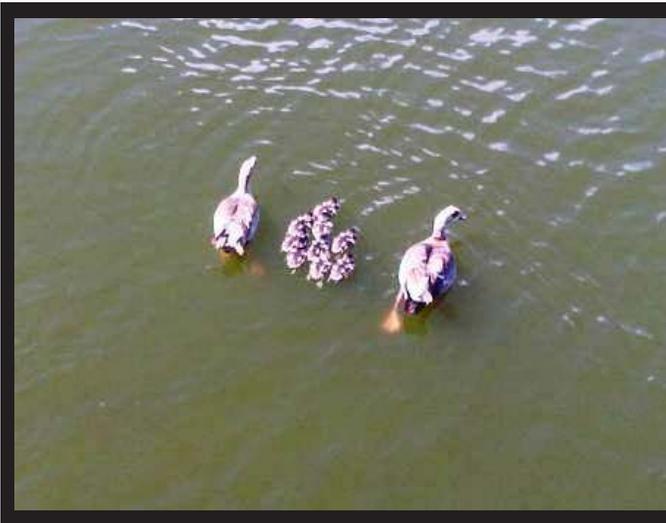


Figure 10. An Egyptian goose family in the Milnerton Lagoon.



Figure 11. A cape fur seal carcass in the Milnerton Lagoon.

- **Shelley Edwards** (CPUT / SANBI) continued with her research on *Meroles knoxii* (Knox's desert lizard). She collected insects which are thought to be food for this lizard.

- A **Coordinated Waterbird Count (CWAC)** was conducted at TBNR on 2011/10/21. This was the first time that a terrestrial survey was conducted at the same time. It is envisaged that a terrestrial bird survey would be conducted every quarter at the same time as the waterbird census. See table 2 below for the water bird census.

Table 2. CWAC data for TBNR (2011/10/21).

Bird\site	TOTAL	Diep River	North Vlei	South Vlei	Central Pan	Dolphin Beach	Miln. Channel	Lagoon North	Lagoon South	Zoar North	Zoar South
Greatcrested Grebe	22			15	5	2					
Dabchick	8			2		4					2
White Pelican	163	50		63	50						
WB Cormorant	81		14	39	1			25	2		
Rd Cormorant	35		9	2				23	1		
Darter	13		6	3	1			3			
Grey Heron	23		7	3	2			10	1		
BH Heron	3	1					2				
Little Egret	10	2			1			5	2		
YB Egret	5	5									
Sacred Ibis	7	1	1	1			1	3			
Glossy ibis	4	2					2				
Hadedda Ibis	1				1						
Afr spoonbill	6				5			1			
Gr flamingoes	20				20						
Egyptian Goose	120	12	7	26	11		3	60	1		
YB Duck	43	15	3		6	7	4	1			7
Redbilled teal	5				5						
Cape shoveller	10	4			2		1	1			2
Afr marsh harrier	6	2			4						
Moorhen	27	11			1	8	4	1			2
RK Coot	174	17		17	100	31		1		2	6
Oystercatcher	23				20				3		
BS Plover	30	7	1	1	3		5	12		1	
Greenshank	12				1			11			
BW Stilt	25	1			15		8	1			
Water thicknee	6							6			
Kelp Gull	28		7		4	1			16		
Hartlaub's Gull	402	3	76		6	105		124	88		
Caspian tern	4		1		3						
Sandwich tern	2				2						
Common tern	199								199		
Pied Kingfisher	4							4			
Malachite Kingf	1							1			
Cape Wagtail	27	2	14		2	6	1	1	1		
Mallards	2							2			
TOTALS	1,551	135	146	172	271	164	31	296	314	3	19



Figures 12 & 13. Photographs taken by Clinton Roux of a stray dog rescued from Milnerton Ridge, and a Grysbok in Milnerton Ridge.

3 WATER MANAGEMENT

- **Water quality monitoring** was done at 15 points in the TBNR on 2011/10/25, 2011/11/29, and 2011/12/20. During this quarter there was much concern over a small fish die off and poor water quality in the Diep River adjacent to L’Afrique development. The figures below indicate the state of various stormwater outfall points that drain into the Diep river.

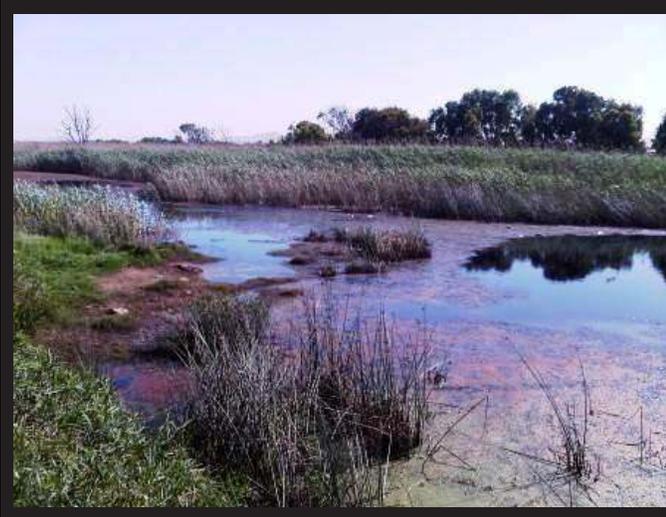


Figure 14. Site of minor fish die off in Diep River section.



Figure 15. Stormwater outfall at Milnerton Riding Club.



Figure 16. Stormwater outfall at SATI Container Depot.

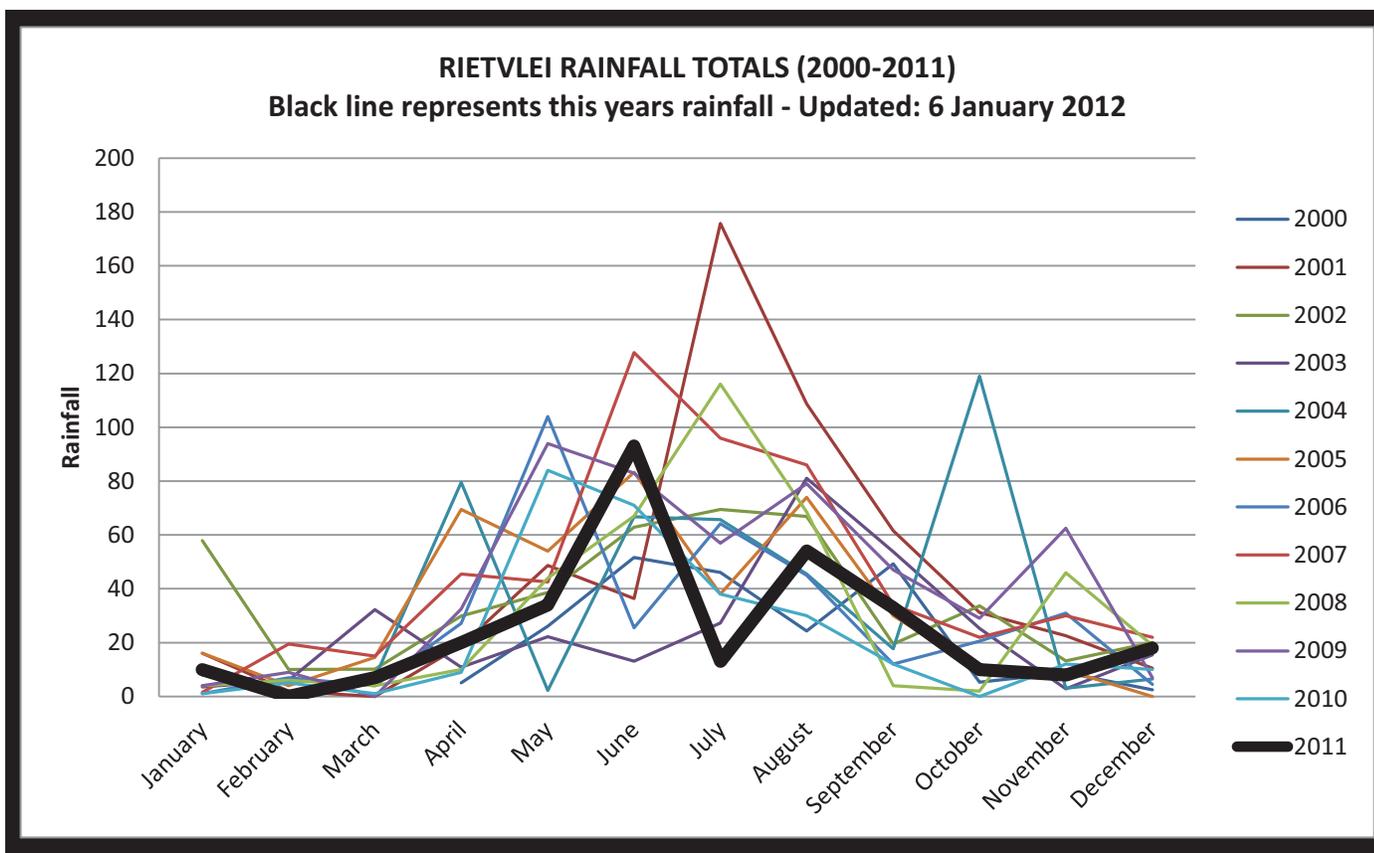


Figure 17. Stormwater outfall from Du Noon.

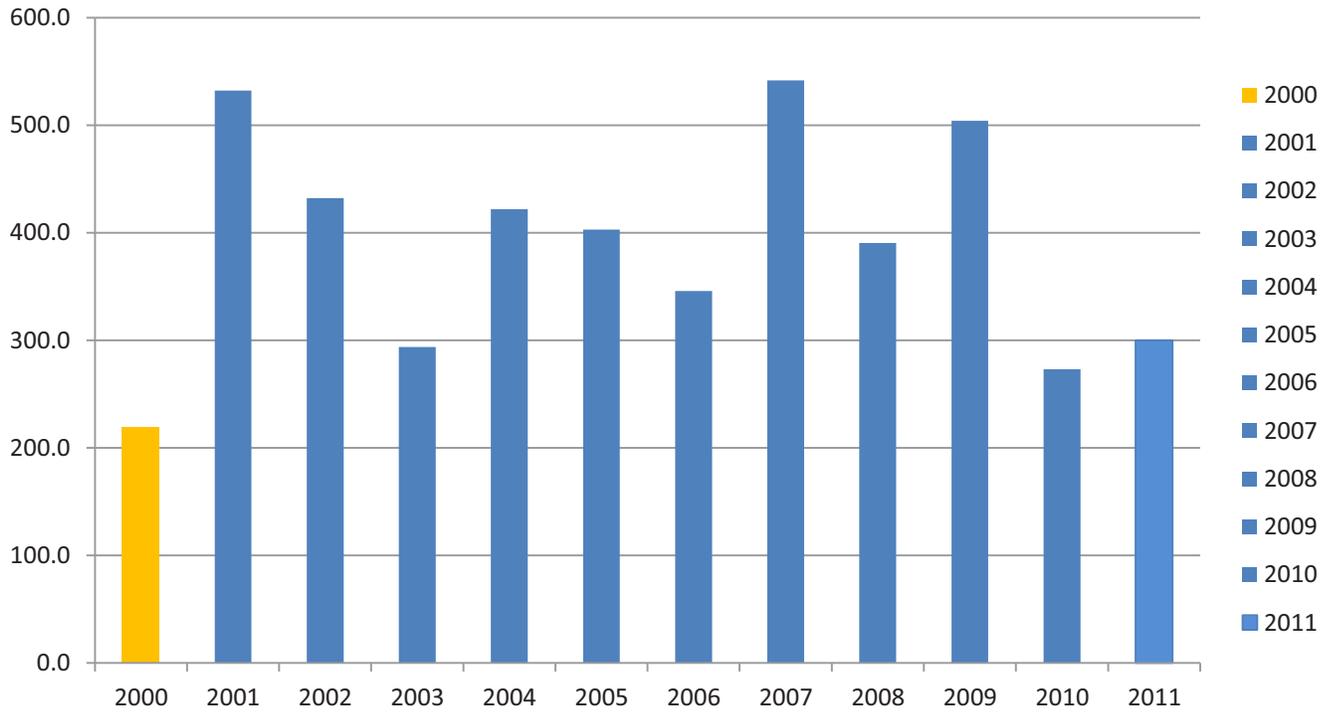
- Rainfall at Rietvlei:** The rainfall during October and November was below average, but this was reverse in December with an above-average rainfall of 18mm. The total for this quarter was 36mm. The year total for 2011 was only 300mm, and this precipitated in an erratic pattern throughout the year. See below figures 18-22 below for graphic representations of the rainfall data.

RAINFALL DATA:		Updated on 2012/01/06												
	Ave	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	
January	11.17		16.0	57.9	3.5	8.0	16.0	1.0	1.5	4.0	4.00	1.00	10.00	
February	6.309		2.0	10.0	6.0	0.9	4.0	7.0	19.5	6.0	9.00	5.00	0.00	
March	8.618		0.0	10.1	32.2	7.0	14.5	4.0	15.0	4.0	0.00	1.00	7.00	
April	29.83	5.0	18.9	29.9	10.9	79.5	89.5	27.2	45.5	10.0	32.50	9.00	20.00	
May	49.53	26.1	48.7	38.6	22.2	2.3	54.1	104.0	42.5	44.0	94.00	84.00	34.00	
June	65.1	51.6	36.4	62.8	13.1	66.8	83.3	25.5	127.7	67.0	83.00	71.00	93.00	
July	67.21	46.1	175.7	69.5	27.3	65.8	36.0	64.2	96.0	116.0	57.00	38.00	13.00	
August	63.56	24.3	108.7	66.9	81.1	45.5	74.0	45.0	66.0	68.5	79.00	30.00	54.00	
September	31.15	49.3	61.5	19.5	53.8	17.8	30.0	12.0	34.0	4.0	47.00	12.00	33.00	
October	25.65	5.3	31.2	33.7	25.3	119.0	9.8	20.5	22.0	2.0	29.00	0.00	10.00	
November	20.8	8.8	22.5	13.2	2.8	3.0	9.8	31.0	30.0	46.0	62.50	12.00	8.00	
December	11.3	2.5	10.5	20.1	15.5	6.5	0.0	4.5	22.0	19.0	7.00	10.00	18.00	
TOTAL		219.0	532.1	432.2	293.7	421.9	402.9	345.9	541.7	390.5	504.0	273.0	300.0	

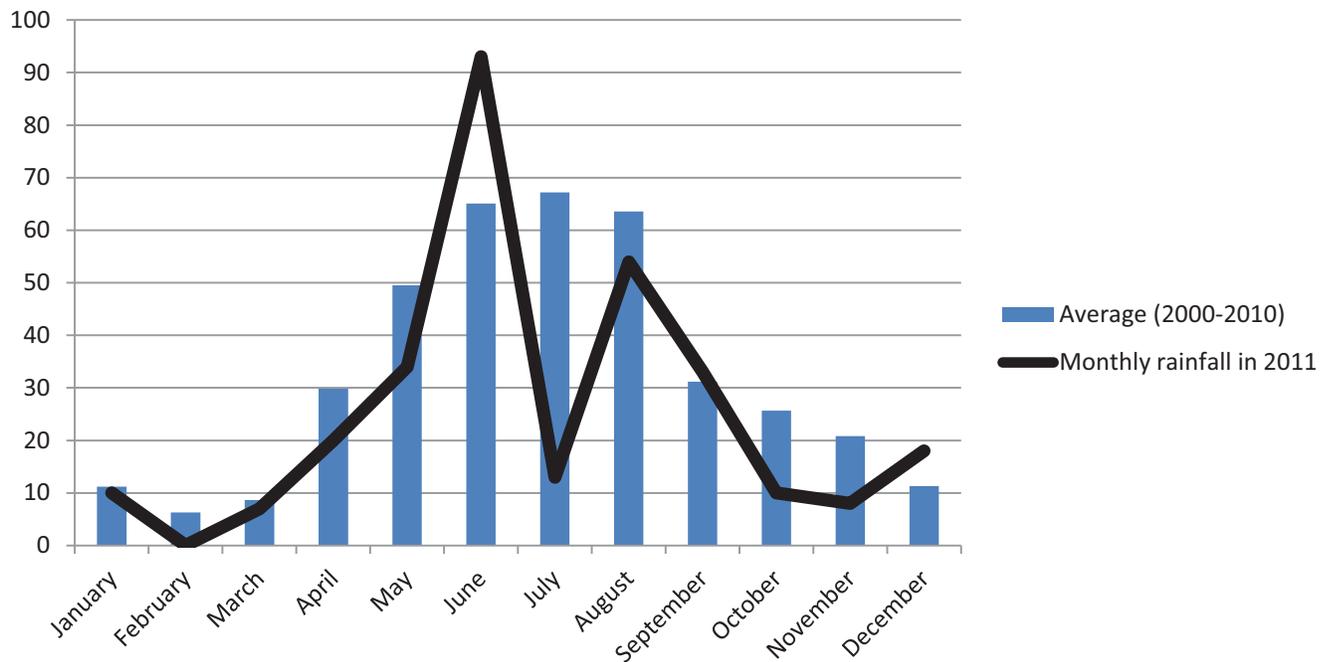
NB: Open Spaces = No DATA (RED) Indicates insufficient DATA



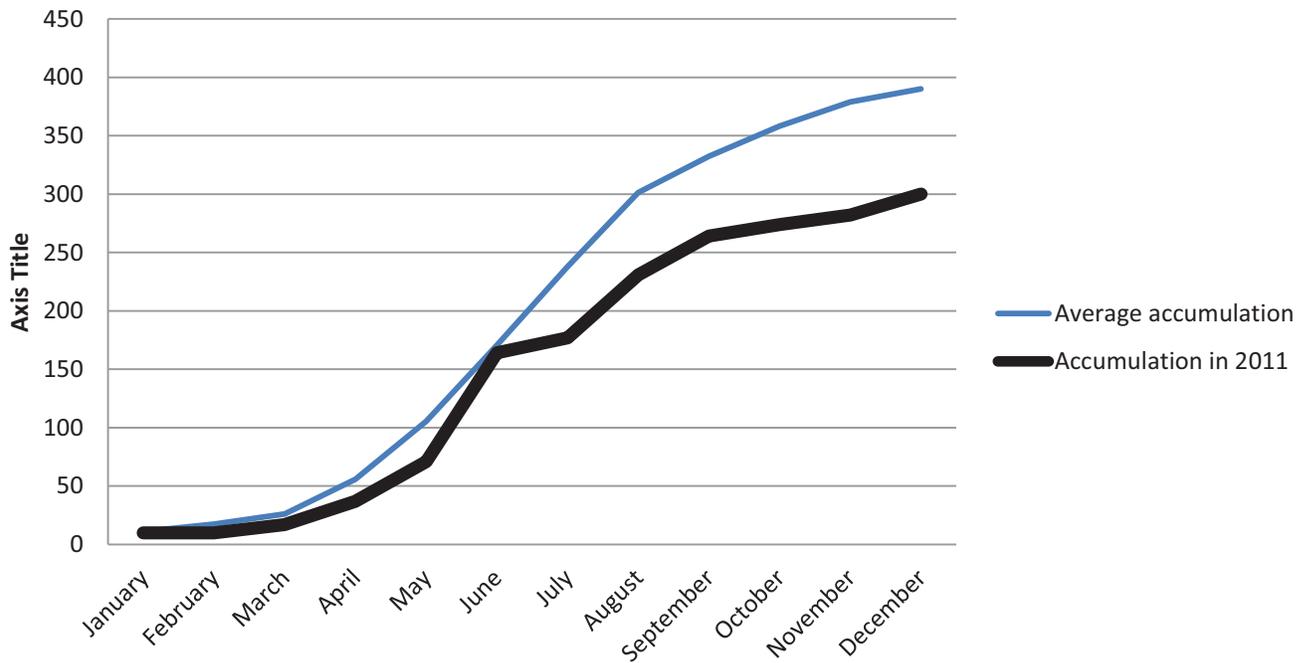
Annual totals of rainfall at Rietvlei (updated 6 January 2012)



Monthly rainfall in 2011 vs averages per month at Rietvlei (updated 6 January 2012)



Rainfall accumulation in 2011 vs overall average (Updated: 6 January 2012)



- **Dust management:** Despite the low rainfall in 2011, there was an above-average amount of rain during December. This added water to the central pan level. By the end of this quarter there was relatively high water levels remaining in the pan, as illustrated in the below figures.



Figures 23 & 24. Various views of the seasonal pans at Rietvlei. The dark patches in the image on the right indicate the establishment of pondweed (*Potamogeton pectinatus*) in the central pan.

- **Milnerton Racecourse Section:** TBNR staff continued assisting Simone Greveling with preparing the **Milnerton Racecourse** section's burn block 2 for a prescribed burn in March 2012. This entailed the removal of alien vegetation, cutting firebreaks, inserting kikuyu barriers, spraying herbicide, and planting sour figs.
- **Wave Edge Section:** An application was submitted to obtain a burning permit for the Wave's Edge section. On 2011/10/20 Subcouncil 1 decided to decline the application due to the potential disturbance to traffic adjacent to Marine Drive and the R27.
- **Fynbos Corridor:** On 2011/12/30 a fire occurred in the Fynbos Corridor. This fire burnt through the northern most Corridor Block and threatened to move into the Parklands / Sunningdale land. Koos Retief, Clinton Roux, and Johan Gerber assisted the fire department to stop this fire. Much damage was done to the fence around this Corridor block by the time the Conservation staff arrived by about 21:00. See below figures of the burnt area:



Figures 25-26. Scenes of the burnt Fynbos Corridor block.

5 PEOPLE AND CONSERVATION

5.1 Stakeholder Engagement (external meetings)

Table 3. Records of external stakeholder meetings relating to the TBNR.

Area	Date	Meeting/Workshop	Purpose
TBNR	2011/10/6	Rietvlei office project meeting	Planning
	2011/10/7	Student, Managers and Chrisna Joubert re CPUT requirements	Planning
	2011/10/20	Waste Management at Zandvlei NR	Discussion
	2011/10/24	Milnerton Racecourse Annual Plan of Operations review	Planning
	2011/11/3	Rietvlei office project meeting	Planning
	2011/11/15	Rietvlei Management Working Group	Discussion
		Milnerton Aquatic Club management meeting	Discussion
	2011/11/16	Subcouncil 1 nature reserve site visits	Inspection
	2011/12/1	Rietvlei office project meeting	Planning
	2011/12/2	Rietvlei office budget review meeting	Planning
	2011/12/13	Reed harvesting project: Khulanathi Hall, Joe Slovo	Discussion
	2011/12/13	Frank Wygold: Baseline Data Collecting in Zoarvlei	Discussion
2011/12/15	Clr Joy McCarthy & Bongani Mnisi: Alien clearing funding	Discussion	

- **Education Centre Usage:** 142 person days was spent using the Rietvlei Education Centre this quarter. See below Table 4 for details of its usage:

Table 4. Education Centre usage and benefits to people in person days.

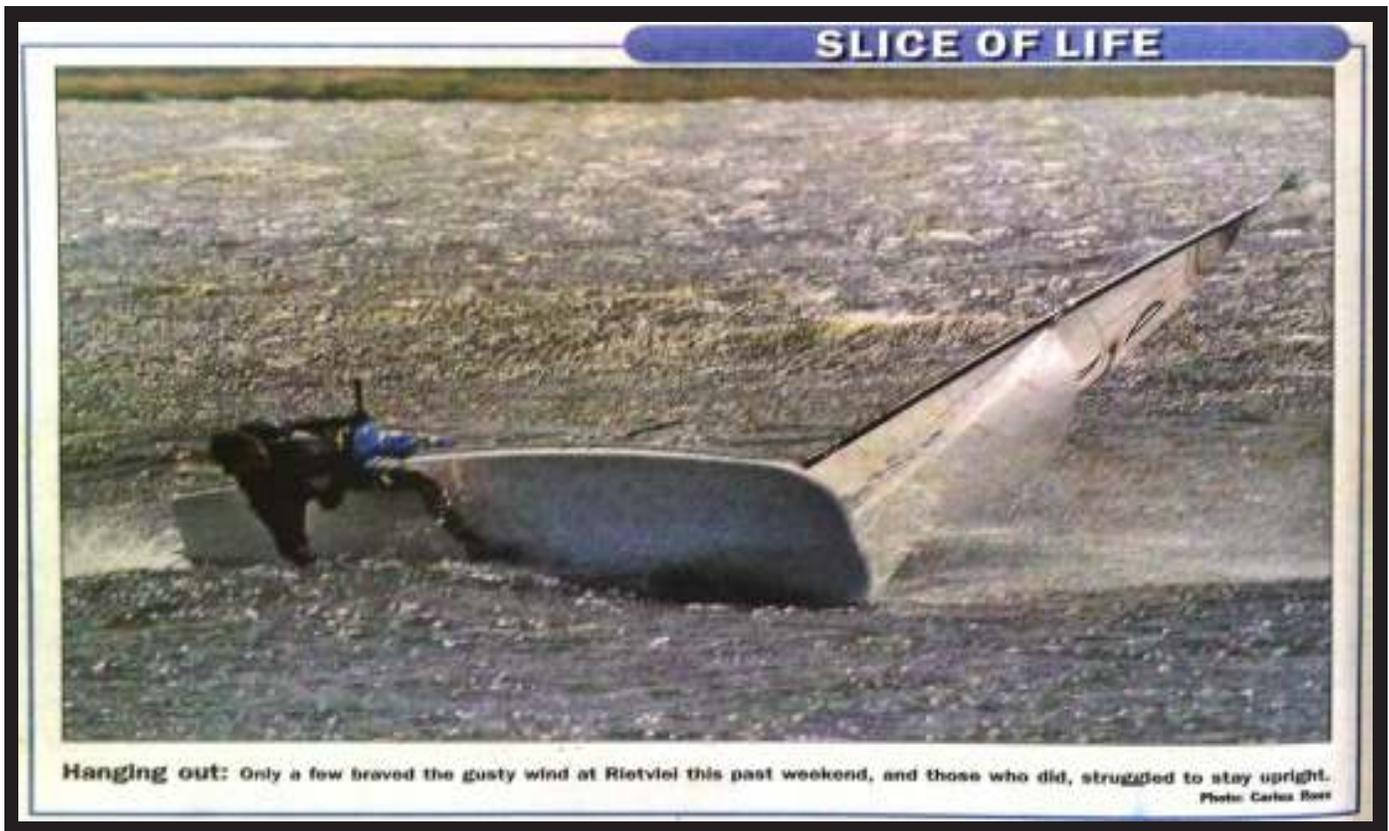
Date	Activity	Person days
2011/10/7	CPUT lecturers, managers and Students Meeting	9
2011/10/10	Academic assistance to learners	2
2011/10/24	SANCCOB volunteers	3
2011/10/25	SANCCOB volunteers	3
2011/10/28	Economics department hosted meeting at the Centre	25
2011/11/7	SANCCOB volunteers, cleared the fire break	3
2011/11/8	SANCCOB volunteers, alien pulling and fire break	3
2011/11/10	SANCCOB volunteers, alien pulling and fire break	3
2011/11/14	SANCCOB volunteers, alien pulling and fire break	7
2011/11/15	SANCCOB volunteers, alien pulling and fire break	7
2011/11/15	RMWG Meeting	14
2011/11/16	SANCCOB volunteers, alien pulling and fire break	4
2011/11/21	SANCCOB volunteers, worked in the botanical garden	3
2011/11/22	SANCCOB volunteers, worked in the botanical garden	3
2011/11/23	SANCCOB volunteers, worked in the botanical garden	3
2011/11/29	SANCCOB volunteers	3
2011/11/30	Rietvlei staff meeting	10
2011/12/1	Construction meeting	10
2011/12/2	SANCCOB volunteers, path maintenance	3
2011/12/7	SANCCOB volunteers, cleared the garden around the Education centre	4
2011/12/9	Health and Safety meeting and regional meeting	10
2011/12/15	Rietvlei staff meeting	10
TOTAL		142

- **Student Research Presentations:** The North Region students presented their research projects to the Friends of Rietvlei at the Rietvlei Education Centre on 2011/11/16.
- The **local media** reported on various matters, including alien clearing volunteers, sailing at the Milnerton Aquatic Club, and visiting groups to the Milnerton Racecourse, at the TBNR during this quarter. See below figures 27-29:



Alien crew: Table View High School's land service group, which participates in activities related to nature and the local environment as well as social upliftment, participated in the removal of invasive alien Port Jackson trees in the Diep River corridor that forms part of the City of Cape Town's Table Bay Nature Reserve.

Figure 27. This photograph appeared in the TygerBurger.



Hanging out: Only a few braved the gusty wind at Rietvlei this past weekend, and those who did, struggled to stay upright. Photo: Carlos Rios

Figure 28. This photograph appeared in the TygerBurger.



Members of the public took part in a variety of activities during their recent visit to the Milnerton Racecourse Nature Reserve.

In search of reserve's elusive 'Little Five'

"Little Five" Fun at MRNR

The Milnerton Racecourse Nature Reserve (MRNR) held their second Environmental Education Programme recently as part of the City of Cape Town's Biodiversity Management School Holiday Programme.

The aim of the programme was to provide a fun-filled morning in the reserve where young and old could learn about the "Little Five" of the MRNR, namely the Cape dwarf chameleon, water mongoose, Cape grysbok, black-headed heron and the angulate tortoise.

toise.

They enjoyed a talk and fun activities on the "Little Five" and then walked through the northern and southern area looking for the five critters.

Only the black-headed heron and Cape grysbok were seen on the day, proving how elusive they can be.

The next event for MRNR will be a Guided Spring Walk through the Cape Flats Sand Fynbos on 8 October.

Meet at 9am at the third circle along Grand National Boulevard.

Figure 29. This article appeared in the TygerBurger.

5.2 Stakeholder Engagement (internal meetings)

Table 5. Records of internal stakeholder meetings relating to the TBNR.

Reserve	Date	Meeting/Workshop	Purpose
TBNR	2011/10/11	Outdoor signage template designs with Natanya Dreyer	Workshop
	2011/11/1		
	2011/11/3	Koos Retief's performance appraisal meeting with Bongani Mnisi	Planning
	2011/11/10	TBNR staff meeting	Planning
	2011/11/28	Killamey Race Track extended lease application	Planning
	2011/11/30	TBNR staff meeting	Planning
	2011/12/7	Outdoor signage template designs with Natanya Dreyer	Workshop
	2011/12/15	TBNR staff meeting	Planning

5.3 North District Meetings: Health and Safety, Monthly etc

Table 6. Records of district meeting relating to the TBNR.

Date	Venue	Type of Meeting (s)
2011/11/2	Eersteste Cabin	North Region Management Meeting
2011/12/9	Rietvlei Education Centre	North Region Health and Safety Meeting
		North Region Management Meeting
2011/12/13	Rietvlei Education Centre	North Region Attendance Management meeting

5.4 Environmental Resource Management Branch Meetings/Fun Days

Table 7. Records of branch meetings relating to the TBNR.

Date	Venue/Theme
2011/11/11	Branch Sport Day, Goodwood Sports Grounds
2011/12/1	Branch Meeting, SANCCOB

6 HUMAN RESOURCE MANAGEMENT

6.1 Staff Establishment

Table 8. TBNR staff complement.

Area	Position	Purpose	Number	*P/CE
Milnerton	Area Manager	Functional / Operational Management	01	P
	Water Ranger	Gate Control/Visitor Management/Law Enfor	02	P
	Assistant Cons Off	Conservation Compliance – Diep River	01	P
	Small Plant Operator	Chainsaw/Brushcutter/weed eaters etc	01	P
	Foreman	Supervision of junior staff	01	P
	Senior Worker	Labour	04	P
	Students	Nature Conservation Diplomas	02	CE
	EE Intern	EE Programme Management	01	CE
TOTALS			13	

***P/C E: Permanent or Contract Employees**

- **Mobile Connectivity:** Koos Retief had to replace the old **MTN 3G card** with a new 3G card. This card is presently being used to connect the intern's computer at the Rietvlei Education Centre to the Cityweb.
- **Branch Sports Day:** All Nature Conservation staff enjoyed the opportunity to participate in a Branch Sports Day at the Goodwood Sports Grounds on 2011/11/11.
- **CPUT:** Koos Retief served on the evaluation panel for the nature conservation work in-service learning student during 2011/11/21-25. Of the two TBNR students, Griet Marx passed and Tammy Fallone was requested to re-submit her compliance section before she could pass.
- **Stand-in arrangements:** Koos Retief stood in for Bongani Mnisi as Acting Regional Manager: North during 2011/12/21-31.
- **Public Holidays:** There were three public holiday this quarter, including 2011/12/16,26, 27.

6.2 Staff Training

Table 9. TBNR staff training records.

Area	Date	Type of Training	Attended Staff	Person Days
TBNR	2011/11/8-11	Internship workshop	1	4
	2011/11/7-9	ECO course	1	3
	2011/11/17-18	Coastal induction training	1	2
	2011/12/5-6	Report writing	1	2
	2011/12/12-13	Internship workshop	1	2
TOTALS				13



Figure 30. Koos Retief attended Coastal Zone Management induction training.



Figure 31. Two cooler boxes for hot and cold food were donated to the TBNR team to sustain them in the field.

7 TOURISM AND VISITOR STATISTICS

7.1 Summary of this quarter: October – December 2011

- A total of **R17 757** was collected at the Rietvlei main entrance gate during this quarter. It is important to note that a substantially lower than normal income was collecting this quarter due to the closure of the main entrance control point for renovations during November. See Figures 32-33 for examples of reserve users, and figures 34-35 for pie charts relating to the income and visitors at TBNR below:

Table 10. Income at TBNR during October – December 2011.

Description	Oct	Nov	Dec	Cost	Quantity	Income
Daily Entry						
Adult (13+)	179		243	R 12.00	422	R 5 064
Adult Sailboard / Dinghy / Windsurfer				R 18.00	0	R 0
Buses (25 seater, incl passengers)				R 300.00	0	R 0
Children (3 -12)	55		58	R 6.00	113	R 678
Children (under 3)	6			R 0.00	6	R 0
Friends of Rietvlei (with proof)	9		25	R 0.00	34	R 0
Learner Sailboard / Dinghy / Windsurfer				R 10.00	0	R 0
Power boats				R 42.00	0	R 0
Senior (60+)	21		27	R 6.00	48	R 288
Student (with Student Card)				R 6.00	0	R 0
Vehicles	83		124	R 16.00	207	R 3 312
Season Tickets						
Adults	1			R 111.00	1	R 111
Family- (parents & 3 children to 13 years)				R 169.00	0	R 0
Power boat				R 369.00	0	R 0
Sailboard /Dinghy /Windsurfer (Mon-Fri)				R 84.00	0	R 0
Seniors (60+)				R 56.00	0	R 0
General						
Boat Testing (Mon-Fri)				R 37.00	0	R 0
Craft Registration & Scrutiny (adult)				R 29.00	0	R 0
Craft Registration & Scrutiny (learner)				R 13.00	0	R 0
Fishing (adult: 13 and older)	71		134	R 36.00	205	R 7 380
Fishing (children: 3-12)	24		24	R 12.00	48	R 576
Fishing (seniors: 60 and up)	16		13	R 12.00	29	R 348

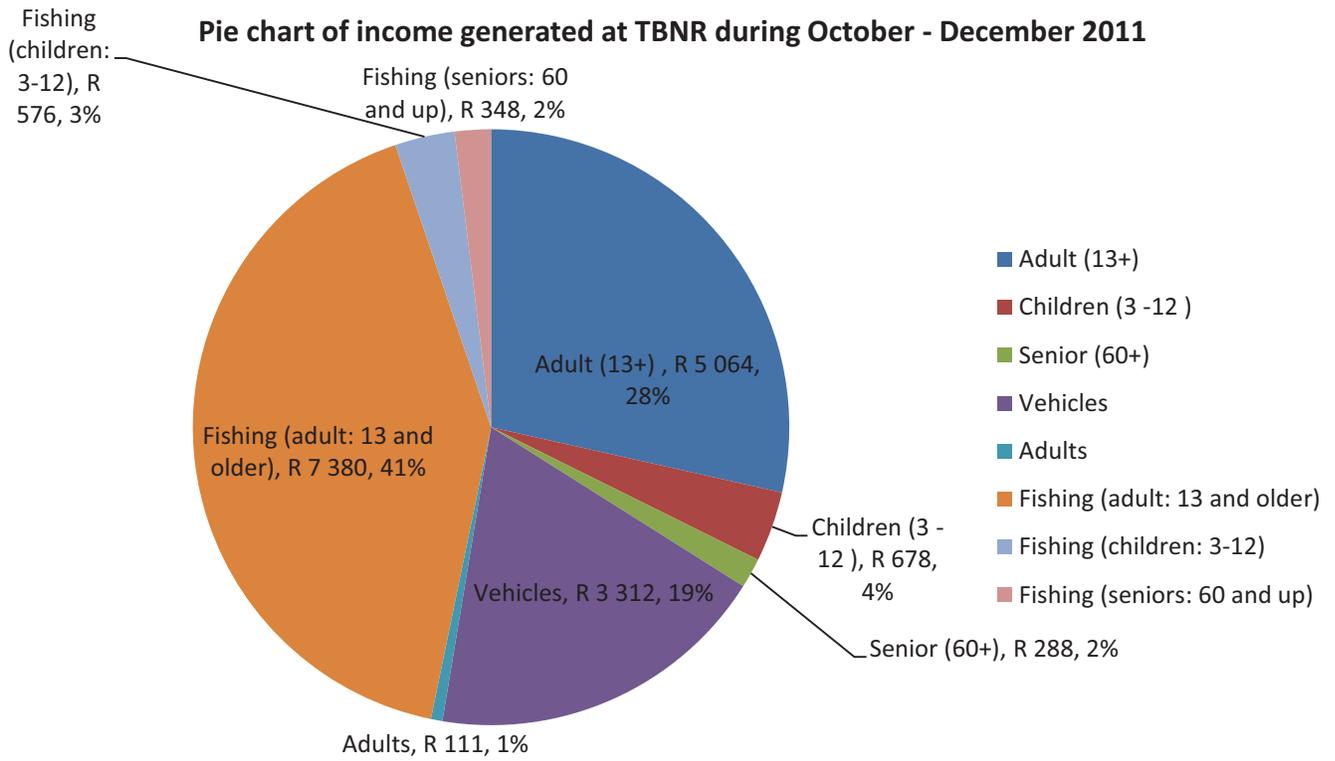


Figure 32. METRO rescue and diver training taking place at Rietvlei water area.

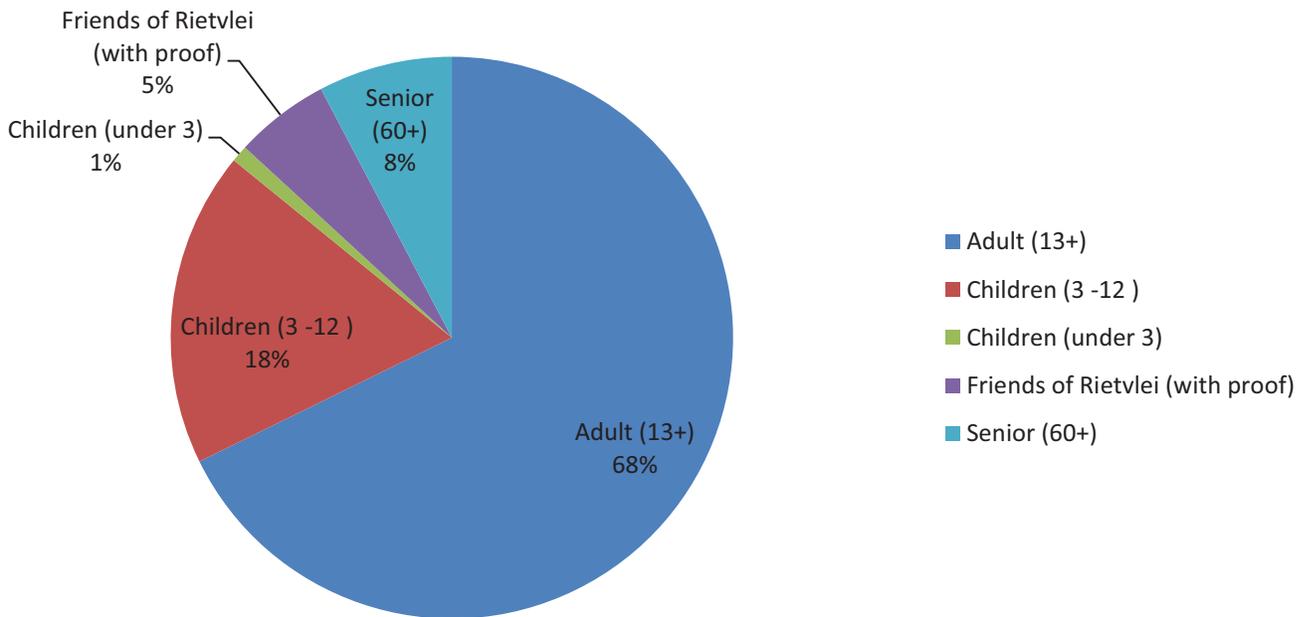


Figure 33. Two junior fishermen making a braai fire at a fishing site.

Pie chart of income generated at TBNR during October - December 2011



Pie chart of visitors through the TBNR control point during October - December 2011



- **Regulatory Signs:** Various regulatory signs were put up in the Diep River section



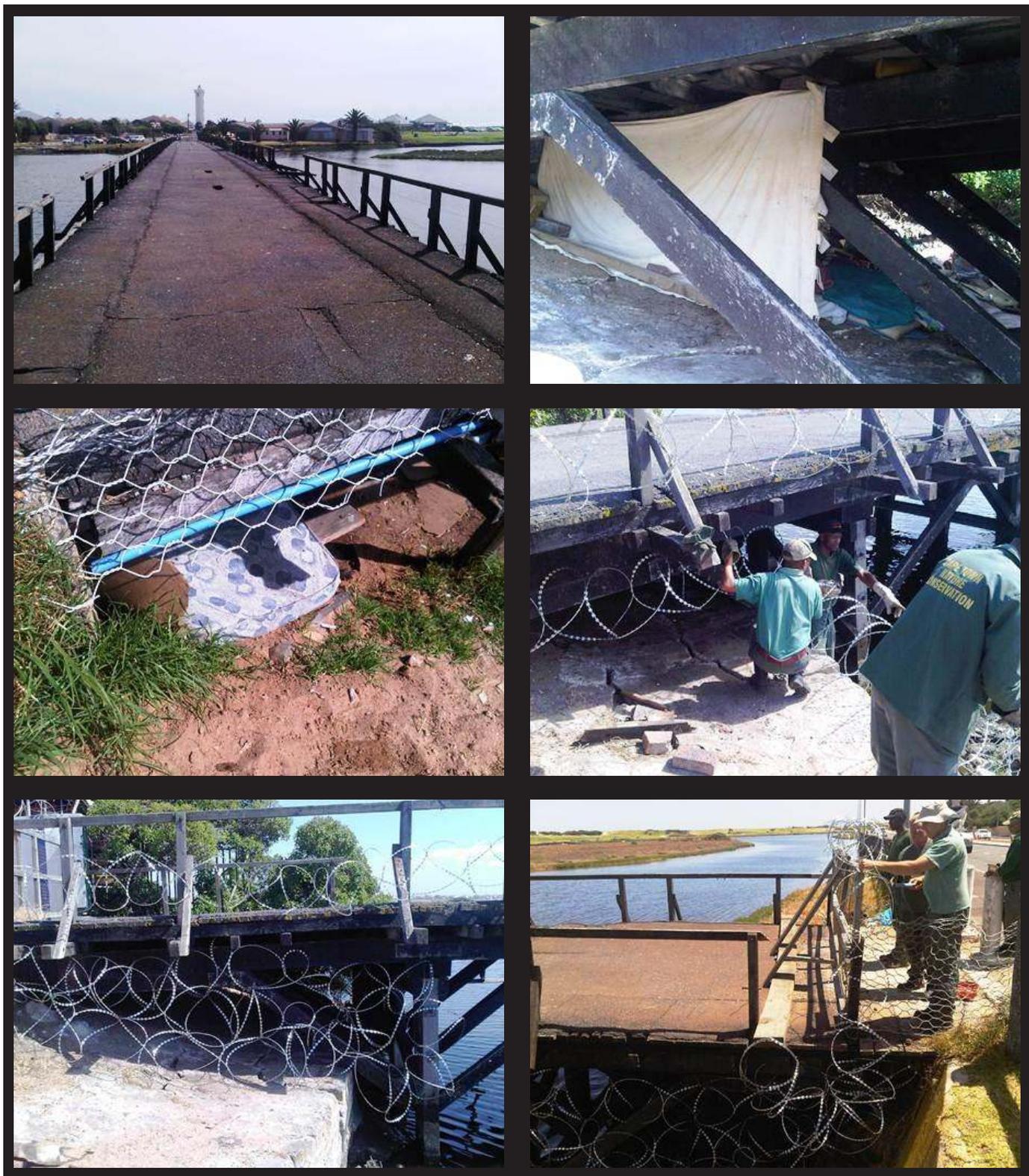
Figures 36 & 37. Senior Field Ranger, Christopher Singo, inspecting newly constructed regulatory signage at the Diep River and Fynbos Corridor sections.

- **Signage Design:** Koos Retief attended several meetings to assist standardizing of signage design for nature reserve. See figures 38-41 below scenes from this process.



Figure 38-41. Senior Environmental Education Officer, Natanya Dreyer, (Maitland Head Office) facilitates various stages of planning of new standardised signage templates for nature reserves.

- **Woodbridge Island – Illegal Access and Occupation under the Bridge:** A site Meeting was conducted on 2011/10/12 with Benjamin Lourens and Sjanet Buchel to assess what measure can be taken to protect the bridge. A decision was taken to close off access, clean out the inhabited undersides of the bridge, and to place razor wire at the entrance points. This was undertaken by the TBNR team. See figures 42-47 below:



Figures 42-47. The Wooden Bridge at the Milnerton Lagoon section was illegally inhabited underneath by displaced people. The TBNR team cleaned these habitations out and closed the access points off with razor wire.

- **Graffiti Control:** A wall at Milnerton Ridge was systematically being vandalised by graffiti painters. The TBNR team re-painted this wall to cover up the graffiti. See figures 48-51 below:



Figure 48-51. Senior and Junior Field Rangers, Allan Gargan and Sonwabile Shilinga, repaint a wall that was defaced with graffiti at the Milnerton Ridge section. This unsightly wall is now pleasing to the eye again.

9 INFRASTRUCTURE

9.1 Repairs and Maintenance

- **Bird Hides:** Various shutters were replaced by the Maitland Workshop this quarter. See figure 52 below:
- **Coastal Section Fence:** A motor-vehicle accident cause damaged to the coastal section fence. The TBNR team repaired this damage. See figure 53 below:



Figure 52. Repairs to the shutters on bird hide 2.



Figure 53. Repairs to the Coastal section fence after a traffic accident.

- **Rietvlei Ablution Block:** Various windows in the ablution block have been broken and vandalised over the years. An order was placed for glass bricks and these broken sections were replaced with new ones by the TBNR team. See figures 54-55 below:



Figure 54-55. Senior Field Ranger, Allan Gargan, is repairing broken glass tiles at the public ablution block at Rietvlei.

- Various **abandoned boat trailers**, presumably belonging to MAC members, are repeatedly left unattended in open space areas at Rietvlei. MAC have been made aware of these trailers, and they are being removed in such situation. An unofficial road has developed around the MAC fence, but this road must be closed off. See figure 56-57 below:



Figures 56 & 57. A damaged section of Milnerton Aquatic Club fencing, which is now wrongly used as an access way to the club and for parking abandoned trailers. This unauthorised access point will be closed and illegally parked trailers will be removed.

10 FINANCIAL MANAGEMENT

10.1 Capital Projects

- **Rietvlei office construction:**

- Various site meetings have been held to control and inspect progress of the Rietvlei office construction (figures 58-61). The constructions have ceased over the festive season but will resume in the New Year again.



Figure 58. Cabling subcontractors.



Figure 59. Architects inspecting the progress.



Figure 60. Subcouncil 1 members inspecting progress.



Figure 61. Branch meeting inspection of progress.

- The various stages and aspects of the construction works is illustrated by means of figures 62 to 77 below:



Figure 62. Subcontractor inserting windows.



Figure 63. Radio receiver dish for City data network.



Figure 64. Timber decking in lapa area.



Figure 65. Floor tiling in main office area.



Figure 66. Mosaic tiling in front entrance.



Figure 67. Fire hose in lapa area.



Figure 68-73. Various stages of breakdown and reconstruction of the main entrance kiosk (gate house).



Figure 74. Support beam in the triple garage.



Figure 75. Front view of the triple garage.



Figure 76. Stores area at Rietvlei office.



Figure 77. Steel roller shutter doors.

11 CHALLENGES AND HIGHLIGHTS

11.1 Highlights

- The **Rietvlei office construction** is underway at the moment.

11.2 Challenges

- Low rainfall in 2011 could mean **dust problems** on the seasonal pans in 2012

11.3 Priorities for next quarter

- **Rietvlei office construction** on site.

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The Table Bay Nature Reserve's vision is to become an internationally recognisable natural feature in Cape Town.