

JUNE 2014

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# Bulletin

Official newsletter of the Overstrand Municipality

## SUFFICIENT WATER FOR ROOI-ELS!

The new Rooiels Reservoir, which holds 500 kℓ of water and increases the storage capacity of potable water for the community to 730 kℓ and ensures that demand is met for the next twenty years, was officially commissioned by Mayor Nicolette Botha-Guthrie on 24 April 2014.

The project was funded by the Municipality and amounted to R4.3 million. This included the refurbishment of the old reservoir, the installation of a generator to ensure that water supply will not be interrupted during power outages (two pump stations are linked to the reservoir - one to bring the water to the reservoir and the other to ensure enough pressure to service the high-lying properties), a single power connection instead of the two that previously served the pump stations, security fencing, gabions to stabilise the slopes and landscaping.

The Mayor announced that the main bulk water pipeline to the reservoir will need to be re-routed after it was severely damaged during last November's flooding. An environmental impact assessment was conducted and submitted to the provincial authorities for approval.

Mr Hanré Blignaut, Overstrand's Deputy Director for Water, said that although the remoteness of the site and the confined space they had to work in, as well as last year's long, wet winter had presented them with some challenges, he and the construction team are proud of the final product.

The professional team consisted

of Lyners Consulting Engineers, GNEC Environmental Consultants and a health and safety practitioner. The main contractor was FCS Civils.

Councillor Lisel Krige extended her appreciation to the owners of private property neighbouring the reservoir site for their patience and perseverance during the construction period.

Izak Smit, chairperson of the Rooiels Ratepayers' Association, said that the reservoir will play an important role during life-threatening situations such as fires. In conjunction with the fire-fighting facility in Pringle Bay, the nearby availability of water will contribute to the grateful Rooiels residents' peace of mind.

Overstrand Municipality runs eight water schemes. The Rooiels Reservoir forms part of the Buffels River Scheme, which received a Blue Drop status from the national Department of Water Affairs in 2009 and 2011, as well as a Silver Award for its achievement in two consecutive evaluations.



Co-operation and teamwork are the hallmarks of the Rooiels Reservoir project. In front, from left to right: Mario Filippi (Lyners Consulting Engineers), Ferdi Schreuder (FCS Civils), Overstrand Mayor Nicolette Botha-Guthrie, Hanré Blignaut, Deputy Director for Engineering Planning, Denovan van Rhooie, Senior Manager of Operations in the area, Piet Gouws, Superintendent of the Buffels River Water Treatment Plant, Deputy Mayor Pieter Scholtz, Area Manager Desmond Lakey and Cllr Rudi Smith, MCM for Community Services; in the back row are Christo Wiese and Harlind Leng (Lyners Consulting Engineers), Chris Harding, a former manager in the area operations department, Ward Councillor Lisel Krige, Cllr Moira Opperman, MCM for Protection Services, Coenie Groenewald, Municipal Manager and Cllr Ben Solomon, MCM for Finance and Economic Development.

## HONOURING OUR FIREFIGHTERS

Overstrand Municipality was proud to host a very successful International Firefighters Day celebration on 3 May 2014. The occasion started with a motorcade of fire engines and rescue vehicles at Zwelihle community hall and proceeded through the Main Road to the old harbour parking area.

A commemoration ceremony led by Chaplain Robson was held for the firefighters and emergency services workers who died in the line of duty. Chief Fire Officer Lester Smith opened the event and welcomed everyone and Mayor Nicolette Botha-Guthrie addressed the crowd, emphasising the importance of commemorating and celebrating the life of firefighters. Chief Fire Officer Damons, on behalf of Southern African Emergency Services Institutions (SAESI), explained the role and responsibilities of a firefighter in modern society.

Fire engines, firefighters and emergency personnel from the district municipalities of West Coast, Overberg, Eden and Cape Winelands, the City of Cape Town, the local municipalities of

Stellenbosch, Drakenstein, Breede Valley, Langeberg and Hessequa, the NSRI, WOF, Western Cape Emergency Medical Rescue Service, EMR Ambulance Services and Overstrand Medical Response contributed to the successful day.

Various demonstrations were held by different emergency workers and firefighters, who also participated in a team challenge where physical strength and

practical skills were tested. Four firefighters had to complete a pre-set stage as a team, which entailed wearing personal protective clothing and a breathing apparatus, carrying a rescue dummy in a stretcher, striking a tyre with a sledge hammer,

rolling up a fire hose, using a ladder to climb on top of a container and down again, flipping a grader tyre, and pulling a charged fire hose and striking a traffic cone.

The ten teams were very competitive and a large crowd supported and cheered them on. Congratulations to Eden District Municipality who won the 2014 team challenge in a time of 7 minutes and 32 seconds. Drakenstein Municipality was the winner of the best team spirit prize and Overstrand Municipality was crowned with the best team name, *Fire Dynamite*.

We would like to thank our sponsors without whose support and contributions this event would not have been possible.

In the words of our Mayor: "Many sacrifices have been made and lives have been lost in the line of duty through the unwavering, selfless and fearless commitment to do whatever it takes to assist and save lives. Today we, together with the world, gather in remembrance of fallen brothers and sisters who have sacrificed their lives in the line of duty and equally as important in celebration, of men and women who continue to make this a truly noble profession."



Demonstration by Fire & Rescue teams



Demonstration by Fire & Rescue teams



## HERMANUS ELECTRICITY DEMAND IS MET

On Tuesday, 29 April 2014, Overstrand Municipality's Mayor, Nicolette Botha-Guthrie, officially opened the new Walker Bay 66/11 kV substation located in Swartdam Road. As an electrical engineering design service, the substation is one of a kind in the country.

This substation was built after numerous considerations regarding the Hermanus electricity demand, which has grown from 13.8 MVA (million volt-amperes) in 1998 to a measured 24 MVA in 2012, almost doubling over a period of 14 years. The existing Eskom supply point limits the Hermanus supply to 24 MVA.

A few challenges were encountered regarding the design and features of the substation, such as:

- Instead of 66 kV overhead lines, underground cables from the existing Eskom substation had to be installed.
- The substation is located between a residential and industrial area and therefore had to blend in with the environment.
- Safety features such as a firewall around the transformers had to be installed to safeguard against any possible explosion and fires from the neighbouring houses. The firewall also serves to reduce transformer noise.
- Indoor GIS switchgear was used, thereby reducing the carbon footprint of the substation and keeping maintenance costs of the substation to a minimum.
- Proper long-term planning ensured that the new substation could be integrated into the existing 11 kV network.

The construction of this substation is an example of the tremendous growth in the municipality and of the manner in which Overstrand invests its resources in sustainable infrastructure development.



Mayor Nicolette Botha-Guthrie with (from left) Dirk Weideman, Jamie Klem, Danie Fourie, Duppie du Plessis, Francois Bruwer, Barry Addinall and Ross Botha.

## DON'T MISS THE FABULOUS LINE-UP FOR HERMANUS FYNARTS FROM 06 - 16 JUNE 2014.

Hermanus  
FynArts

There are Sculptures on the Cliffs; the Old Synagogue Exhibition presented by Sanlam - *Picturesque Confrontations* - curated by Stefan Hundt; group exhibitions of ceramics and quilting and the forty finalists in the Tollman Bouchard Finlayson Tondo Competition and sixteen others in galleries, tasting rooms and other venues.



**Bovim Ballet (Ovations!)**

Twenty music concerts include Kyle Shepherd (piano), 2014 Standard Bank Young Artist for Jazz; Camerata Tinta Barocca Orchestra; Abel Selaeo (cellist), brought to FynArts from the UK by Sumaridge Wine Estate; *Lloyd Webber and Friends* and the popular *Songs of Praise* with soloists Magdalene Minnaar and Nicholas Nicolaidis conducted by Richard Cock; Francois du Toit (pianist), CT Tango Ensemble, Selaelo Selota (jazz guitar); Bovim Ballet (*Ovations!*) and UCT opera (*The Magic of Operetta*), both specially designed for FynArts; James Grace (classical guitar) with a recital and public master classes ...

There is a choice of thirty talks and nineteen workshops by top presenters; vintage films; *The Art of Fine Food* dinner prepared by five top local chefs curated by Garth Stroebel; *Festival Plus Series of Tutored Wine Tastings* curated by Melvyn Minnaar and much more.

**Bookings at Hermanus Tourism and [www.webtickets.co.za](http://www.webtickets.co.za)**

Don't miss the ONE OFF big jazz concert, *Memories and Songs*, with big name South African jazz musician Selaelo Selota (guitar), Gally Ngoveni (bass) and Siphos Malinga (drums)

**Where: Likhanyo Primary School Hall**

**Date: Saturday 7 June**

**Time: 2:00**

Selaelo Selota, a storyteller, performs at major festivals both as a songwriter and performer and has a huge following in the live music circuits in South Africa and many parts of the world such as America, France, Holland, Zanzibar, Zimbabwe, DRC etc.

Selota composed and arranged Judith Septhuma's two best selling albums, "A Cry, a Smile, a Dance" and "Change is here".

**Tickets at: [www.webtickets.co.za](http://www.webtickets.co.za), at Hermanus Tourism and selected outlets in Zwelihle.**

**More information on Hermanus FynArts at [www.hermanusfynarts.co.za](http://www.hermanusfynarts.co.za) or phone Mary at 084 6007058 if you would like to help to sell tickets.**



**Selaelo Selota**

## QUALITY OF TREATED WASTE WATER EFFLUENT

The Department of Water Affairs sets the general standards according to which the quality of waste water effluent must be measured and these standards are applied at the five waste water treatment plants of Overstrand Municipality. The table below illustrates the average measurements from July 2013 to March 2014 and shows that the Municipality complies with the quality standards in 82% of the cases. The detailed report is available on [www.overstrand.gov.za](http://www.overstrand.gov.za).

Description of test	Unit	DWA General Authorisation Standard	Average test results for final effluent test samples at:				
			Gansbaai	Hawston	Hermanus	Kleinmond	Stanford
pH	(pH)	5.5-9.5	6,6	8,0	7,3	7,1	7,4
Settleable solids	(ml/l)	-	0,1	0,3	0,1	0,1	0,1
Electrical conductivity	(mS/m)	150	255	169	203	95	133
Faecal coliform bacteria	(count/100ml)	1000	301	402	698	1248	297
Chemical oxygen demand	(mg/l)	75 Max	51	112	68	58	55
Ammonia nitrogen	(mg/l as N)	6 Max	0,1	56	4	24	7
Nitrate nitrogen	(mg/l as N)	15 Max	12	2	4	6,0	13
Nitrite nitrogen	(mg/l as N)		0,1	0,1	0,1	0,2	0,3
Total suspended solids	(mg/l)	25 Max	20	28	10	17	7
Ortho-phosphate	(mg/l as P)	10 Max	4	10	5	5	3

## QUALITY OF OVERSTRAND'S POTABLE WATER

Water samples are collected monthly from 56 points to measure thirteen different bacteriological, chemical and physical parameters. The accompanying table indicates the results of the quality of potable water from July 2013 to March 2014 at Overstrand's nine water treatment plants. It shows that our water quality is outstanding, with 95% of the average results complying with Class I standards. Current upgrades include the new Baardskeerdersbos water purification works, which will significantly improve the quality of this community's drinking water. The detailed report is available on [www.overstrand.gov.za](http://www.overstrand.gov.za).

Description of test	Unit	Standard per SANS 0241 Class I 5.0-9.5	Standard per SANS 0241 Class I 4.0-10.0	Average test results for potable water test samples at:									
				BR	KM	HM	SF	GB	DK	PB	BB	BB	BB
pH	(pH)			9	9	7	8	9	7	8	6	8	8
Electrical conductivity	(mS/m)	<150	150-370	35	30	35	70	123	51	46	30	<150	<150
Turbidity	(NTU)	<1	1-5	0.5	0.6	0.7	0.5	0.4	0.3	0.4	1.9	0.5	0.5
Colour	(mg/l as Pt)	<20	20-50	7	9	8	6	9	8	18	590	20	20
Calcium	(mg/l as CaCO <sub>3</sub> )	<150	150-300	3	9	11	74	14	25	13	5	<150	<150
Fluoride	(mg/l as F)	<1.0	1.0-1.5	0.2	0.3	0.2	0.1	0.4	0.1	0.2	0.6	<1.0	<1.0
Total dissolved solids	(mg/l)	<1000	1000-2000	267	225	262	530	925	379	344	225	<1000	<1000
Iron	(µg/l as Fe)	<200	200-2000	16	25	14	28	22	14	25	381	19	19
Manganese	(µg/l as Mn)	<100	100-1000	40	40	40	40	40	43	42	41	42	42
Aluminium	(µg/l as Al)	<300	300-500	75	152	219	53	41	72	60	524	67	67
E.coli	(telling/100ml)	0	0	0	0	0	0	0	0	0	0	0	0

BR: Buffelsrivier | KM: Kleinmond | HM: Hermanus | SF: Stanford | GB: Gansbaai | DK: De Kelders | PB: Pearly Beach | BB: Baardsekeerdersbos | BJB: Buffeljagsbaai