

**Maluti-a-Phofung
Nodal Municipality**

Project Information Report

<u>Project Name:</u>	<u>Fika Patso – Water stabilisation plant</u>	Anchor Project
<u>Project Number:</u>	0001	
<u>Budget:</u>	R 19,900,000.00	
<u>ISRDP Sector/Cluster:</u>	Social Cluster	

Introduction:

The Department of Water Affairs and Forestry fund bulk storage dams such as Fika Patso, inclusive of the purification of this water, as a national responsibility.

Pipelines, pumps and reservoirs are funded by DPLG through the Consolidated Municipal Infrastructure Programme (CMIP) as part of the national programme to assist municipalities to acquire good infrastructure.

Maluti-a-Phofung as the Local Government is responsible for the maintenance of these dams, reservoirs, pipelines and pump stations and to provide potable water to the communities of Maluti-a-Phofung.

Maluti-a-Phofung Municipality contracted with Sedibeng Water to provide maintenance of infrastructure and to provide potable water to the whole of Qwa-Qwa and Kestell.

This arrangement does not include the capital cost of projects to store, purify and distribute water.



Figure 1: General view of construction site

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Figure 2: Stabilisation plant nearing completion

Project Outputs regarding Goals & Aim:

- An uninterrupted supply of potable water to the communities of Qwa-Qwa and Kestell will be provided.
 - By balancing the Ph of the excessively alkaline water of the Fika Patso Dam the existing networks and installations will be protected from high levels of corrosion resulting in major cost saving during the lifespan of the infrastructure.
 - Clean, healthy, drinkable water thereby improving the health and quality of life of the communities of Qwa-Qwa and Kestell.
 - The people, especially women, will have more time to spent productively due to the availability of clean water.
 - Capacity of the identified community members participating in the region will be enhanced because of better health.
 - Increased capacity and an improvement of the local municipality to operate and maintain the facility more cost effective.
 - Reduced maintenance costs to infrastructure and the elimination of legal claims form commerce and industry due to reduced corrosion from reticulated water.
 - With Floridisation, reduced dental caries throughout the community with increased general health and well being and reduced dental services load and costs.
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Project Status:

100%.



Figure 3: General view of lime plant under construction.

Financial investment:

The original budget of R16, 000,000 was allocated to purify raw water from Fika Patso for use by the Qwa-Qwa and Kestell communities. A further R3, 390,000.00 was added to the original budget to provide Lime beds to balance the excessive alkaline levels of the natural raw water.

The total investment in the project is therefore R 19,900,000.00 (Nineteen Million Nine Hundred Thousand Rand)

Source of Funds: The Department of Water Affairs and Forestry (DWAF)

Budget: R 19,900,000.00

Committed Amount: R 19,900,000.00

Available Amount: R 3,9000,000.00

Shortfall: R 0.00

Location of Funds: Provincial Department of Water Affairs and Forestry (DWAF)

Expenditure to date: R 16,000,000.00

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Human Resources:

Designation	Name & Surname	Gender		Telephone Number	Fax Number	E-mail	Address	Postal Address	Company/ Institution
		M	F	Cell Number					
Councilor	Mr. Maduna	M							Maluti-a- Phofung Municipality
Programme Manager	Mr. L van Staden	M		012 643-9000	012 663-3257	lukie.vanstaden@shans.co.za	Outspan House Lechenstreet North Centurion	Private Bag X136 Centurion	Ninham Shand Consulting Services
				082 567-7690					
Municipal Official	Mr. Gelderblom	M							Maluti-a- Phofung Municipality
Contractor		M		-	-	-			

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Consultant	Mr. L van Staden	M		012 643-9000	012 663-3257	lukie.vanstaden@shans.co.za	Outspan House Lechenstreet North Centurion	Private Bag X136 Centurion	Ninham Shand Consulting Services
				082 567-7690					
				082 785-5000					
Other: 1.	Mr. C Bosch	M		058 623-3471	058 623-0844	-		P O Box 762 Harrismith 9880	Bartsch Consultants Architects
2.	Mr. W du Toit	M		058 623-0584	058 623-0263	-		P O Box 657 Harrismith 9880	Conradie & Venter Electrical Engineers

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Project Time Frame:

Starting Date: 1 February 2001
Completion Date: 15 September 2002

Employment: (Number of People)

Employment (Number of people)			Social Impact on Employment					
Full Time (Quarterly)	Short Term (Monthly)	Part Time (Weekly)	Male	Fe-Male	Youth	Dis-Abled	Elderly	Age
110	22	25	105	52	45	2	4	18-65+

Project Outcomes Regarding Objectives & Results:

- Provision of an un-interrupted supply of clean, potable water to Fika Patso Dam supply area.
 - Stabilisation of the corrosive water of the Fika Patso Dam so as to protect existing distribution networks.
 - Provision of a disinfection unit to ensure clean, drinkable water.
 - Employment opportunities to unemployed people in the region are enhanced by using labour intensive construction methods were possible during the construction phase.
 - To enhance the development level of the community by providing technical and administrative training for the people identified by the community to operate the system.
 - Floridisation of water to regulated levels will be applied to ensure better health.
 - The service delivery to 400,000 people in the Qwa-Qwa and Kestell region will be improved by this project.
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Social Impact on Target Group:

Social Impact on Target Group					
Male	Fe-Male	Youth	Disabled	Elderly	Age

Envisaged/Anticipated Sustainability:

With improved water service delivery over the whole spectrum of the Qwa-Qwa and Kestell population, the Maluti-a-Phofung Municipality will be in a better position to persuade communities to pay for their services provided.

Stable, secure and healthy communities will be the result of the successful implementation of this project.

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