

Qualifications	:	1975 - B.Sc., B.Ing. (Civil)			
Major Subjects	:	Mathematics	IIIB	Concrete Technology	IIA
		Applied Mathematics	IIIB	Strength of Materials	IIA
		Physics	IIB	Soil Mechanics	IIA +IIB
		Land Surveying	IIA	Hydraulics	IIA +IIB
		Transport Engineering	IIA	Water Engineering	IIA +IIB
		Structural Design	IIA		
Credits	:	Industrial Psychology I			

3. EMPLOYMENT RECORD

Historical	:	1973 - Department of Water Affairs, Republic of South Africa (RSA) 1977 - RSA Directorate of Water Affairs in South West Africa 1981 - Department of Water Affairs, Interim Government, Namibia 1990 - Department of Water Affairs, Ministry of Agriculture, Water and Rural Development, Government of Namibia		
Positions	:	03/12/73 - Civil Engineering Technician 16/11/75 - Assistant Engineer 16/11/77 - Engineer 01/04/80 - Principal Engineer 01/06/81 - Chief : Engineering Services (Water Planning) 01/06/87 - Director : Investigation and Research 01/04/96 - Director : Resource Management 01/04/05 Under Secretary : Department of Water Affairs		

4. SERVICE RECORD

Major Activities	:	1973 - Construction	:	Jonkershoek Tunnels Project, RSA
		1975 - Construction	:	Berg River - Saldanha Water Project, RSA
		1977 - Planning	:	Planning of Water Projects, Namibia
		1980 - Operations	:	Water Supply Schemes, Namibia
		1981 - Management	:	Water Infrastructure Planning, Namibia
		1987 - Management	:	Resource Management and Research
		2005	:	Head of the Department of Water Affairs

Present Position : Under Secretary : Department of Water Affairs

The Department of Water Affairs is one of two Departments in the Ministry of Agriculture, Water and Rural Development. The other is the Department of Agriculture and Rural Development. A Permanent Secretary is the accounting officer in the Ministry and an Under Secretary is the Head of each Department.

The Department of Water Affairs comprises two Directorates and eight Divisions. The Directorate of Resource Management has five Divisions, namely Hydrology, Geohydrology, Water Environment, Law Administration and Strategic Planning. The Directorate Rural Water Supply has three Divisions, namely Rural Water Development and Planning, Community Management Support Services and Regional Support, Finance and Administration. The staff complement is ± 910 (1 140 approved posts). The annual recurrent budget of the

Department is N\$ 110 million comprising N\$ 110 million for operational (recurrent) expenditure and N\$ 110 million for development (capital) expenditure.

Responsibilities : The Under Secretary is charged with the responsibility to direct investigations and assess the potential of surface and underground water resources; to facilitate the strategic planning of water supply development within the national and regionally shared river basin context; to ensure sustainable water utilization by executing water related applied research into water technology, ecology and environmental matters and to manage pollution control. Administrative responsibilities relate to personnel, finance, policy and development of procedures, development, organization, planning, programming, directing and controlling.

5. MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

Member : 1979 - South African Institute of Civil Engineers (**SAICE**)
 1982 - Engineering Professions Association of Namibia (**EPA**)
 1990 - Namibia Engineering Council (**NEC**)

Secretary : 1981 - 1983 - South West Africa (SWA) Branch of the **SAICE**

6. MEMBERSHIP OF NATIONAL AND INTERNATIONAL ORGANIZATIONS

1. Permanent Joint Technical Commission (**PJTC**), Angola/Namibia (Commissioner)
2. Committee for Bilateral Agreements on the Cunene River (**CBA**) (Member)
3. Permanent Water Commission (**PWC**), RSA/ Namibia (Commissioner)
4. Joint Permanent Water Commission (**JPWC**), Botswana/Namibia (Commissioner)
5. Permanent Okavango River Basin Water Commission (**OKACOM**), Angola/Botswana/Namibia (Commissioner)
6. Okavango Basin Steering Committee (**OBSC**), (Chairperson)
7. Orange-Senqu River Commission (**ORASECOM**) (Commissioner)
8. **SADC** Water Resources Technical Committee (**WRTC**), (Member)
9. Energy Council of Namibia (Member)

7. CONTRIBUTIONS AND INVOLVEMENT WITH WATER PUBLICATIONS

1. Perspective on Water in Namibia (1991)
2. State of Environment in Southern Africa (1994)
3. Ephemeral Rivers and their Catchments (1995)
4. Water Policy, Allocation and Management in Practice (1996)
5. Sharing Water in Southern Africa (1996)
6. Water in Southern Africa (1996)
7. Water Pricing Experience: An International Perspective (1997)
8. The Decisionmakers' Handbook on Water in Namibia (1998)
9. Hydropolitics in the Developing World: A Southern African Perspective (2001)
10. International Waters in Southern Africa (2002)
11. Transboundary Rivers, Sovereignty and Development : Hydropolitical Drivers in the Okavango River Basin (2003)
- 12.

Date: 17 March 2005

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