



water & sanitation

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Water and Sanitation
REPUBLIC OF SOUTH AFRICA

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Emmanuel Setlhapelo: Passionate about his job.

Born and bred in Vryburg, a rural area in the North West Province, Emmanuel Mosalashuping Setlhapelo always knew that he wanted to be in the world of science. During his school days, he has always enjoyed science, mathematics, biology subjects and all the other mysteries of nature. “My curiosity has led me to follow a career in science and I ended up in the water sector, with the help of the Department of Water and Sanitation”, he said.

He was declared the North West Province regional winner of the South African Youth Water Prize in 2010, and proceeded to represent the province at the national level. Emmanuel acquired the fourth position nationally and for his hard work, he received a bursary from the Departmental Learning academy to study the course of his choice and at a university of his choice. He then decided to pursue a BTech Chemistry which he has since acquired.

In 2015 the Department provided him with an experiential training or internship which was part of the National Diploma in Analytical Chemistry in third year. The internship was for a year in Resource Quality Services in Pretoria, Roodeplaat. Within that year he worked and got experience in the cleaning of glassware, sample reception, biological, organic, inorganic, trace laboratory.

“I am currently a candidate of natural science technician where my main activity is operations. The operations activities are surface and groundwater monitoring for its quantity and quality. Without monitoring, there is no sustainable future because there would be no data to create models in order to make projections so that the current resources is managed to meet future demands. I do quantity and quality of surface and groundwater in the Crocodile West and Marico Catchment”, he explained.

Emmanuel further says that “the water business or sector is an interesting field and it should be on everyone’s agenda because water is used by everyone including the



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living things in the ecosystem and this is summarised by the WEF (Water-Energy-Food) Nexus concept”.

He attributes his academic and career development to the Department of Water and Sanitation as a scientist. He said the Department has provided him with the skills that he has gained in and out of the class room as he will surely use them to for the benefit of service delivery as a public servant. Emmanuel has recently acquired a Postgraduate Diploma in Financial Management.

“I will forever be grateful for the Department and I hope to transfer those skills and experience to other upcoming scientists”, he concluded.

By Morekeng Phali