



## CHIFADZA TUTAYI, B.Sc.H

*Environmental Consultant (Environmental Management), Environment & Energy*

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### YEARS WITH THE FIRM

1>

### YEARS TOTAL

3.5

### AREAS OF PRACTICE

*Environmental Management*

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### CAREER SUMMARY

Tutayi Chifadza is an Assistant Environmental Consultant for WSP at the Johannesburg, Bryanston office in the Environmental Services division. He moved to WSP from Sparrow Consulting almost a year ago where he was Project Manager for their Technical Manual/Training material development team.

He is currently teaming up with Senior Consultants on Water Use License applications, BA and audits for Transnet on their pipeline infrastructure as well as the BA process for Sasol Energy Technology. He conducted Water Use License audits for four sections at South 32 and its reporting. He was also responsible for conducting a Waste Management Licence audit and its reporting for the Sappi solid waste disposal facility in Springs, Gauteng.

Tutayi has been previously involved in the technical area of production industries with regards to their processes and instrumentation for the purpose of creating technical training manuals and SOPs. He is currently part of the Employment Equity Committee at WSP and recently completed an online training course in Project Management Professional.

### EDUCATION

Bachelor of Science (Honours), Applied Science in Environmental Technology, University of Pretoria, Pretoria, South Africa 2013

Bachelor of Science, Chemistry, University of Pretoria, Pretoria, South Africa 2012

### ADDITIONAL TRAINING

Certificate of Completion for Project Management Professional (PMBOK), e-careers (Online learning) 2016

### PROFESSIONAL EXPERIENCE

#### *Environmental Services*

- Knightsbridge Development EMP ECO, Johannesburg, Gauteng, South Africa (2016): Tutayi's role was to conduct the ECO audit against the EMP created for Greenstar requirements. Client: Emira Property.
- PPC Waste Classification, All PPC South Africa sites, South Africa (2016): Tutayi's role was to consolidate the waste inventories from different sites into one waste inventory, pre-classify the waste, collect samples, conduct waste profiling, waste classification and create SDSs based on laboratory analysis of samples collected. He also created generic SDSs for waste where sampling was not required. Client: PPC Ltd.
- FFS Construction of a Filtration Plant at the FFS Evander Facility, Evander, Mpumalanga, South Africa (2016): Tutayi's role was to conduct the audit of the relevant license conditions during the construction phase of the filtration plant and. He also conducted the close-out audit for the construction phase. The project is about monitoring and auditing the state of the site during the construction of the filtration plant. Client: FFS Refiners (Pty) Ltd.
- Total SA WMP, Johannesburg, Gauteng, South Africa (2016): Tutayi's role is to create a waste database, rating waste, SDSs and devising best management plans for each type of waste at Total entities. The project involves creating a waste management plan for all forms of waste at Total entities. This includes



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depots, offices, commercial installations, service stations, ISPs and LMPs.  
Client: Total SA.

- South 32 EMPR PAR, WUL and WML audits, Middelburg, Mpumalanga, South Africa (2016): Tutayi's role was to conduct WUL audits for the Klipfontein, MMS North and South, Douglas and BMK Extension coal mining sections as well as write up the relevant reports. The project is about conducting performance assessment reports (EMPR), as well as WUL and WML auditing. Client: Middleburg Mine Services (South 32).
- Impala Plat Landfill Audit, Rustenberg, North West, South Africa (2016): Tutayi's role was to take gas concentration readings from probes strategically placed on the landfill using the Geotech instrument. Methane, oxygen, carbon dioxide and nitrogen gas concentrations were focused on. The project is about auditing the landfill and monitor the gas concentrations to make sure that there is no significant methane build-up within the landfill. Client: Impala Platinum Limited.
- Butsanani EIA-EMPR, Middelburg, Mpumalanga, South Africa (2016): Tutayi's role was to help the senior consultant in compiling, collecting and researching data for the purpose of filling in the WUL application forms. The project is about helping the client acquire the WUL in order to start mining activities. Client: Rietvlei Mining Company (Pty) Ltd.
- Samancor Manganese South Plant demolition, Meyerton, Gauteng, South Africa (2016): Tutayi's role was to provide ECO services for the demolition of the South Plant site on the premises. This entailed conducting environmental audits to ensure EMP compliance for the project to minimise impacts and risk during the activities. Client: Samancor Manganese, Metalloys, operated by South 32.
- Sappi External Waste Management Licence Compliance Audit, Springs, Gauteng, South Africa (2016): Tutayi was responsible for conducting the WML environmental compliance audit of the solid waste disposal facility situated at Enstra and compile an audit report according to the requirements of the National Environmental Management Waste Act (No. 59 of 2008) (NEMWA). Client: Sappi Southern Africa Limited.
- General Electric Healthcare Environmental Health and Safety Audit, Rosebank, Gauteng, South Africa (2016): Tutayi was responsible for undertaking an Environmental Health and Safety (EHS) inspection of the GE Healthcare operations in Rosebank and one field site. The field site was at the Life Carstenhof Hospital where the Field Engineers were installing a new piece of equipment. Client: GE Healthcare, a Division of General Electric.
- Rose Foundation Environmental Compliance Audit of Old Oil Man, Chamdor, Gauteng, South Africa (2016): Tutayi was responsible for undertaking an environmental compliance audit to identify and assess key environmental issues pertaining to the operations and facilities against which on-going continuous improvements and modifications of the facility can be evaluated. The audit covered site operational control measures, legal and regulatory compliance, impacts to environment and general environmental practice. Client: Rose Foundation.
- Samancor Chrome Turfontein Underground Mine Project Mooioi, North West, South Africa (2016): Tutayi assisted in facilitating the public participation process during the public meeting conducted to provide insight into the potential impacts and benefits from the proposed underground mine project. Client: Samancor Chrome.
- Sasol Oil Pretoria West Depot Environmental Authorisation Compliance Audit, Pretoria West, Gauteng, South Africa (2016): Tutayi was responsible for conducting a technical compliance audit of the Exemption Record of Decision

(ROD) and an Amended Environmental Authorisation (EA) and compile an audit report according to the requirements of the National Environmental Management Act (No. 107 of 1998) as amended (NEMA), and as part of the conditions of the EA. Client: Sasol Oil (Pty) Ltd.

- BioTherm Wind and Solar Energy Facilities, Western Cape and Northern Cape, South Africa (2017-2017): Tutayi assisted in the creation of a consolidated impact assessment rating based on the available specialist studies as well as consolidating the comments and response from commenting authorities and stakeholders. Client: BioTherm Energy.
- Sasol Energy Technology Blending Facility Upgrade Project, Sasolburg, Free State, South Africa (2016-2017): Tutayi is part of a two-man team responsible for the EIA process for the replacement of old USTs with new ones on the Sasol One site. Client: Sasol Energy Technology, a Division of Sasol Oil (Pty) Ltd.
- Anglo Platinum Water Separation Project, Rustenburg, North West, Gauteng (2016-2-17): Tutayi is assisting in the BA process for the proposed refurbishment of an existing pipeline and installation of new pipelines as well in the Water Infrastructure Separation Project. Client: Anglo American Platinum Limited.
- South 32 Middelburg Water Reclamation Plant (MWRP), Middelburg, Mpumalanga, South Africa (2017): Tutayi is part of the team conducting sampling and classification of Stage 1 and Stage 2 gypsum produced as the by-product of the process as well as conducting the fertiliser assessment potential of the by-products. Client: South 32 Limited.
- J.P Morgan Chase & Company, 1 Fricker Road EMP ECO, Illovo, Gauteng, South Africa (2017): Tutayi compiled the EMP for the proposed refurbishment of the office building to attain a Green Star rating and is also responsible for conducting the first EMP compliance audit and training of the DEO to carry out subsequent audits. Client: J.P Morgan Chase & Company.
- Transnet Pipelines EIA/BA process ECO, Phola & Secunda, Mpumalanga, South Africa (2017): Tutayi is responsible for undertaking the BA and EIA process, WUL applications and ECO activities in the Mpumalanga region on an as and when required basis for the existing and potential new pipeline infrastructure. Client: Transnet Pipelines, a Division of Transnet Limited.