

CONTACT DETAILS

Name of Company	CES – Environmental and Social Advisory Services
Designation	Principal Environmental Consultant
Profession	Soil Scientist
Years with firm	1 month
E-mail	mchunusne@cesnet.co.za
Office number	+27(0) 10 045-1372
Mobile	+27 (0) 71 974-0651
Nationality	South African
Professional Body	<ul style="list-style-type: none">➤ SACNASP: South African Council for Natural Scientific Profession➤ LaRSSA: Land Rehabilitation Society of Southern Africa➤ SSSSA: Soil Science Society of South Africa
Key areas of expertise	<ul style="list-style-type: none">➤ Contaminated Land Assessment➤ Water Quality Assessment➤ Agricultural Land Capability Assessment➤ NEMWA Waste Classification➤ Environmental Impact Assessment➤ Hydropedology Assessment

PROFILE

Sinethemba has extensive training and experience in conducting Agricultural Land Capability and Soil Contamination Assessments within the Mining and Oil & Gas sectors. She has over nine (9) years experience in her consulting career, where she conducted numerous environmental risk assessments at various Commercial and Industrial operations around South Africa.

She holds a Masters Degree in Soil Science (M.Sc. Agric.) conferred at the University of Stellenbosch in 2012; and accredited by the South African Council for Natural Scientific Professions (SACNASP). She is also a member of the Land Rehabilitation Society of Southern Africa (LaRSSA), and the Soil Science Society of South Africa (SSSSA).

**EMPLOYMENT
EXPERIENCE**

- March 2022 – Present: Principal Environmental Consultant (Coastal & Environmental Services, Durban, South Africa)
- June 2017 – February 2022: Principal Environmental Consultant (Nhloso Land Resources, Durban, South Africa.)
- May 2015 – May 2017: Senior Soil Scientist (Scientific Aquatic Services CC, Johannesburg, South Africa)
- December 2013 – April 2015: Contaminated Land Consultant (Environmental Resources Management (ERM), Johannesburg, South Africa)
- September 2012 – November 2013: Soil Scientist (Strategic Environmental Focus, Pretoria, South Africa)
- June 2009 – December 2010: Soil Analytical Researcher (University of Stellenbosch, Cape Town, South Africa)

**ACADEMIC
QUALIFICATIONS**

- M.Sc. Agric. (Soil Science) – University of Stellenbosch 2012
- B.Sc. Hons. (Soil Science) - University of Stellenbosch 2010
- B. Sc. Agric. (Viticulture & Soil Science) - University of Stellenbosch 2009

**CONSULTING
EXPERIENCE**

Contaminated Land Assessment

- Managed underground storage tank (UST) Decommissioning Assessments at Shell retail and commercial sites across Gauteng, Free State, Limpopo, North West, and Northern Cape regions, including the following projects:
 - Man Diesel Vanderbijlpark Due Diligence (2013)
 - Sebokeng Bus Depot (2014)
 - Biddulphs Removals Carletonville & Kempton Park (2015)
 - Pilanesberg Platinum Mine (2016)
 - Anglo American Landau MRD Reclamation (2017)
 - Unilever Boksburg Plant (2017)
 - Umhlathuze Water – Foskor Gypsum Spillage (2020)
- Facilitated Phase 1 & Phase 1.5 Contamination Land Investigations including soil and water sampling for analysis of Potential Contaminants of Concern (PCCs).
- Conducted various Environmental Risks Assessments, entailing environmental risk profiling and detailed hydrocensus.

Agricultural Land Capability Assessments

- Evaluated Agricultural Land Capability for various developments for Basic Assessment (BA) and Environmental Impact Assessment (EIA) projects, including the following:
 - Xstrata Paardekop Coal Mine (2012)
 - Cape Dairy Biogas Plan (2013)
 - Anglo American Klein Kopje MRA Expansion (2015)
 - Anglo Operations Leslie II Coal Mine (2016)
 - Steve Tshwete Aerorand South Township Development (2018)
 - Utrrecht Pomegranite Plantation (2019)
 - Wonderstone EMP update (2020)

Water Quality Assessment

- Conducted annual, biannual, and quarterly water quality monitoring assessments and analytical data interpretation according to local water quality standards.
 - ABSA Cresta Data Centre Quarterly monitoring (2012)
 - Standard Bank Riverclub Data Centre (2013)
 - BHP Klipspruit Biannual Monitoring (2013)
 - Kangra Coal Annual Monitoring (2016)
 - Bokoni Platinum Biannual Monitoring (2016)

Wetland Hydropedology Assessments

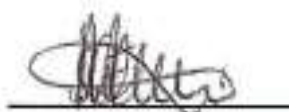
- Conducted specialist hydropedology assessments for Water Use Licence Authorization (WULA) requirements by the National Department of Water Affairs (DWA) for the following mining projects:
 - Canyon Coal Phalanndwa Colliery (2015)
 - Glencoe Optimum (Kwagga North) Colliery (2016)
 - Evander Gold Kinross TSF Expansion (2016)
 - South 32 Van Dyksdrift Colliery (2017)

NEMWA Waste Classification

- Assess contaminated land according to NEMWA Act 59 of 2008 regulations for operational and/or abandoned industrial sites to inform waste management and disposal requirements.
 - Ballyclare Fuel Service Station – Knock Down and Re-build (2014)
 - Bahwaduba Bus Service Depot (2014)
 - Petra Diamonds Mine (2015)
 - Shell Lakeside Service Station (2015)
 - Clover Port Elizabeth Distribution Facility (2015)
 - Wescoal (Worcester & Port Elizabeth) Sidings (2016)
 - Foskor Waste Classification (2021)

CERTIFICATION

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification or dismissal, if engaged.



SINETHEMBA EUGINIA MCHUNU

Date: 02nd March 2022