

**Personal Details**

Date of Birth	24 February 1985
Nationality, Race	South African, Indian
Gender	Female
No. of Years' Experience Post First Relevant Qualification	12 Years
No. of Years' Experience Post Professional Registration	2 Years
Current Employer	GA Environment (Pty) Ltd
Current Position	Senior Environmental Assessment Practitioner

Professional Registrations

Institution, Country	Classification, Membership Number	Year
South African Council for Natural Scientific Professions (SACNASP), South Africa	Pr.Sci.Nat Environmental Science Registration No 400012/18	2018
Environmental Assessment Practitioners Association of South Africa (EAPASA)	Registered Environmental Assessment Practitioner: Number 2020/1537	2020

Academic Qualifications

Institution, Country	Degree / Diploma	Year
University of South Africa, South Africa	BSc Hons Environmental Monitoring and Modelling	2010
University of Kwa-Zulu Natal, South Africa	BSc Environmental Science	2006

Training

Service Provider	Type of Training	Year
National Occupational Safety Association (NOSA)	Safety Management Training Course (SAMTRAC)	2018
National Occupational Safety Association (NOSA)	Introduction to Safety Management Training Course (SAMTRAC)	2017
National Occupational Safety Association (NOSA)	Introduction to Occupational Health and Safety Act (OHSACT)	2017
Carin Bosman Sustainable Solutions	Integrated Water Resources Management (IWRM), Water Use Authorisations, and Water Use License Applications Procedures, Guidelines, Integrated Water and Waste Management Plans (IWWMP) and Pitfalls	2013
University of Pretoria	Operation of Water and Wastewater Works	2010
Monarch Trading	Portable Water Treatment	2010
Aspects International	Environmental Auditing	2010



Service Provider	Type of Training	Year
North West University, Potchefstroom	Water Quality Monitoring Techniques	2009
GIMS	ARC GIS Desktop 2: Tools and Functionality	2008
GIMS	ARC GIS Desktop 1: Getting started with GIS	2007
North West University, Potchefstroom	Introduction to Integrated Water Resource Management for Environmental Managers	2007
Execu Prime Training	Basic project management	2007

Languages and Proficiency (Excellent/Good/Fair)

Name of Language	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Fair	Fair	Fair

Countries of Work Experience

- South Africa

Overview

Kirthi Peramaul is an Environmental Scientist with twelve (12) years of professional experience in the water and environmental sector. She is currently registered with the South African Council of Natural Scientific Professions (SACNASP) as a Professional Natural Scientist.

Kirthi has extensive knowledge of environmental waste management and water use legislation as she has been involved in various environmental and water use authorisation applications. She has a strong background in environmental authorisations, environmental compliance monitoring, environmental management plans, water use authorisation, stakeholder engagement, data analysis, risk assessments and blue and green drop auditing. During her work experience, she has liaised and coordinated meetings with various stakeholders, government departments, and various municipalities.

During her working experience she was afforded the opportunity to engage with various stakeholders and role players of various sectors that are responsible for management of water from a catchment to a consumer perspective. Her contribution as an auditor in South Africa's incentive-based regulation programmes (blue and green drop) allowed her to be part of water safety planning (water treatment) and the wastewater risk abatement planning processes of various municipalities within South Africa.

Previous Positions Held

Duration	Employer, Country	Position
2018 to Date	GA Environment (Pty) Ltd, South Africa	Senior Environmental Assessment Practitioner
2018	Mamadi and Company, South Africa	Senior Environmental Consultant
2012 to 2017	JG Afrika (Pty) Ltd, South Africa	Scientist (Water and Environmental Management)
2008 to 2012	Department of Water and Sanitation (DWS), South Africa	Graduate Trainee Water Services Regulation
2007 to 2008	Department of Water and Sanitation (DWS), South Africa	Graduate Trainee Integrated Water Resource Studies



Current and Completed Projects in the Last Ten Years

Project Name: Part 2 amendment of the integrated environmental authorisation for the Kriel Ash disposal facility at the Kriel power station, Mpumalanga Province			
Client	Eskom Holdings SOC Ltd		
Project Description	Undertaking of an environmental processes to support Kriel's amendment application for relaxation of the barrier system on the new Ash Disposal Facility (ADF)		
Position Held/Role	Environmental Assessment Practitioner		
Project Start Date	May 2019		
Project End Date	Project suspended in October 2019		
Location	Kriel, Mpumalanga		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Liason with authorities • Undertaking of Public Participation • Compilation of a Part 2 Amendment Motivation 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Mpho Muswubi	011 800 2346	082 593 3339	
Project Name: Water Use License Application for the Harrismith-Munic Letsatsi 11kV Powerline. Harrismith Free State			
Client	Eskom Distribution		
Project Description	Water use license application for the Harrismith-Munic Letsatsi 11kV powerline. Harrismith, Free State		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	R267 000.00		
Project Start Date	May 2015		
Project End Date	January 2016		
Location	Free State, South Africa		
Tasks or Activities Performed/ Key Responsibilities	Undertaking of the water use authorisation process		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Ms Mahlatse Moeng	051 404 2287		
Project Name: Water Use License Application for the Harrismith-Municipality 42nd Hill 11kV Powerline			
Client	Eskom Distribution		
Project Description	Water use license application for the Harrismith-Municipality 42nd Hill 11kV powerline		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	R267 000.00		
Project Start Date	May 2015		
Project End Date	January 2016		
Location	Harrismith Free State		



Tasks or Activities Performed/ Key Responsibilities	Undertaking of the water use authorisation process		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Ms Mahlatse Moeng	051 404 2287		
Project Name: Blue and Green Drop Support for Eskom Tutuka Power Station			
Client	Eskom		
Project Description	Blue and green drop support for Eskom Tutuka Power Station		
Position Held/Role	Project Leader		
Project Value	R201 650.00		
Project Start Date	November 2015		
Project End Date	March 2016		
Location	Mpumalanga, South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Compilation of a water safety plan (risk assessment) • Wastewater risk abatement plan (risk assessments) • Health and safety compliance 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Frik Greyling	017 749 5449		
Project Name: Basic Assessment and Water Use License Application for the Proposed Intabazwe Distribution Substation in Harrismith, Free State			
Client	Eskom		
Project Description	Basic assessment and water use license application for the proposed Intabazwe Distribution Substation in Harrismith, Free State		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	R97 000.00		
Project Start Date	August 2015		
Project End Date	November 2016		
Location	Free State, South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Compilation of the environmental management programme • Compilation of the technical report in support of the environmental authorisation amendment process. 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Mahlatse Moeng	051 404 2287		

Project Name: Vosloorus Extension 9 – High Density Housing			
Client	GladAfrica Consulting Engineers		
Project Description	Environmental Control Monitoring and Auditing Services		
Position Held/Role	Environmental Control Officer		
Project Value	R990 000.00		
Project Start Date	October 2017		
Project End Date	Ongoing		
Location	Vosloorus		
Tasks or Activities Performed/ Key Responsibilities	Environmental Monitoring and Auditing Services		



Reference Name	Landline No.	Cell Phone No.	E-mail Address
Gaillard Rossouw	011 312 2537	084 777 1100	gaillardr@gladafrica.com
Project Name: Development of Tlhabane Square Mixed-Use Development			
Client	Public Investment Corporation (PIC)		
Project Description	Construction of Tlhabane Square Mixed-Use Development		
Contract Number	TS EMP 11 2016		
Position Held/Role	Environmental Control Officer		
Project Value	R353 331.80		
Project Start Date	June 2018		
Project End Date	September 2021		
Location	Tlhabane		
Tasks or Activities Performed/ Key Responsibilities	Project Management, Monthly site audits and reporting.		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Lebo Qhobosheane	012 742 3400		Lebo.qhobosheane@pic.gov.za
Project Name: Proposed Construction of the SANRAL R573 Moloto Road (EA, Mining Permit and Water Use Authorisation)			
Client	KBK Engineers		
Project Description	Upgrading of the R573 (Stormvoel to Baviaanspoort Road)		
Contract Number	NRA P.002-023-2017/ENV		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	R823 751 00		
Project Start Date	December 2016		
Project End Date	Ongoing		
Location	Pretoria		
Tasks or Activities Performed/ Key Responsibilities	Project Management, Environmental Authorisation Process, Mining Permit Application, Water Use Authorisation.		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Martin Boonstra	012 348 1822	082 322 8688	martinb@kbkengineers.co.za
Project Name Water Use Authorisation Applications for CoT Roads and Stormwater Projects (Kudube 7 and Klerksoord)			
Client	GladAfrica Consulting Engineers		
Project Description	Water Use Authorisation Application		
Contract Number	TO101/TO712507		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	R108 000.000		
Project Start Date	June 2018		
Project End Date	Ongoing		
Location	Pretoria		
Tasks or Activities Performed/ Key Responsibilities	Water Use Authorisation Applications		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Gaillard Rossouw	011 312 2537	084 777 1100	gaillardr@gladafrica.com



Project Name: Mangaung Metropolitan Municipality Integrated Public Transport Network			
Client	GladAfrica Consulting Engineers		
Project Description	Environment and Sustainability Workstream Services		
Position Held/Role	Project Manager		
Project Value	R4705 056.00		
Project Start Date	July 2016		
Project End Date	Ongoing		
Location	Bloemfontein		
Tasks or Activities Performed/ Key Responsibilities	Overall project management-Basic Assessment report for the Bus Depot, Implementation of the Sustainability Action Plan, Waste Management Plan. Compilation of the propulsion study report.		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Gaillard Rossouw	011 312 2537	084 777 1100	gaillardr@gladafrica.com
Project Name: Due Diligence Report for the Rooiwal Wastewater Treatment Works			
Client	GladAfrica Project Managers		
Project Description	Due diligence report for the Rooiwal Wastewater Treatment Works		
Contract Number	TO216		
Position Held/Role	Senior Environmental Assessment Practitioner		
Project Value	R731 403.20		
Project Start Date	May 2018		
Project End Date	June 2018		
Location	Gauteng, South Africa		
Tasks or Activities Performed/ Key Responsibilities	Compilation of due diligence report		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Mr Christiaan Meyer	011 312 2537		christiaanm@gladafrica.com
Project Name: Basic Assessment and Water Use Authorisation for the Proposed Extension of the K14 (R513) Provincial Road in Cullinan, Gauteng Province			
Client	Gauteng Department of Roads and Transport		
Project Description	Basic assessment and water use authorisation for the proposed extension of the K14 (R513) provincial road in Cullinan, Gauteng Province		
Position Held/Role	Environmental Assessment Practitioner		
Project Start Date	June 2016		
Project End Date	August 2017		
Location	Gauteng, South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Compilation of the basic assessment report • Water use authorisation application • Environmental management programme 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Mr Kobus Bower	012 349 7900		
Project Name: Water Use License Audits at 13 of East Rand Water Care Company (ERWAT) Wastewater Treatment Works			
Client	ERWAT		



Project Description	Water use license audits at 13 of East Rand Water Care Company (ERWAT) Wastewater Treatment Works		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	R1 417 025.00		
Project Start Date	October 2015		
Project End Date	June 2016		
Location	Gauteng, South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Compilation of audit checklist • Onsite auditing • Compilation of audit report and recommendations 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Moshabi Shongoane	011 929 7085		Moshabi@ERWAT.co.za

Project Name: Water Use License Application for Sanitech’s Wastewater Treatment Package Plant

Client	Sanitech		
Project Description	Water Use License application for Sanitech’s Wastewater Treatment Package Plant		
Position Held/Role	Environmental Assessment Practitioner		
Project Start Date	July 2015		
Project End Date	February 2017		
Location	Witbank, Mpumalanga		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Water use authorisation application • Public participation process 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Gerhard Britz	011 823 6060		

Project Name: Environmental Management Plan for the Proposed Mamello Bulk Water Project, Vaal Marina, Gauteng

Client	GIBB on behalf of Midvaal Local Municipality (MLM)		
Project Description	Environmental management plan for the proposed Mamello Bulk Water project, Vaal Marina, Gauteng		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	Unknown		
Project Start Date	June 2014		
Project End Date	July 2014		
Location	Gauteng, South Africa		
Tasks or Activities Performed/ Key Responsibilities	Compilation of the environmental management plan		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Carel Davids	011 519 4600		

Project Name: Basic Assessment and Water Use License Application Process for the Proposed Thabong Interchange and Road Upgrade Project, Welkom, Free State Province

Client	AECOM		
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Project Description	Basic assessment and water use license application process for the proposed Thabong Interchange and road upgrade project, Welkom, Free State Province		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	R402 000.00		
Project Start Date	April 2014		
Project End Date	December 2016		
Location	Free State, South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Undertaking of the Public Participation process • Undertaking of the Water Use Authorisation process. 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Mr W Findley	012 421 3500		

Project Name: Section 78 Assessment for Rustenburg Local Municipality

Client	Rustenburg Local Municipality		
Project Description	Section 78 Assessment for Rustenburg Local Municipality		
Position Held/Role	Scientist (Water and Environmental Management)		
Project Start Date	November 2013		
Project End Date	July 2014		
Location	Rustenburg, South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Summary of the water and wastewater treatment plants compliance status • Blue and green drop status summaries 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Neal Bromley	033 343 6700		

Project Name: Basic Assessment for the Proposed Extension of the Kookrus Cemetery, Meyerton, Gauteng

Client	Erascon-Udumo Joint Venture, on behalf of Midvaal Local Municipality (MLM)		
Project Description	Basic Assessment for the Proposed Extension of the Kookrus Cemetery, Meyerton, Gauteng		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	R77 000.00		
Project Start Date	April 2013		
Project End Date	April 2014		
Location	Meyerton, South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Compilation of the basic assessment report; • Compilation of the environmental management programme • Undertaking of the public participation process. 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Erascon Udumo Joint Venture	016 931 1426		

Project Name: Section 24G Application for the proposed Mamello Bulk Sewer Project, Vaal Marina, Gauteng

Client	GIBB on behalf of Midvaal Local Municipality (MLM)		
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Project Description	Basic assessment application and water use authorisation for the proposed Mamello Bulk Sewer project, Vaal Marina, Gauteng		
Position Held/Role	Environmental Assessment Practitioner		
Project Value	R394 000.00		
Project Start Date	March 2013		
Project End Date	May 2015		
Location	Gauteng, South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Undertaking of the public participation process • Compilation of the environmental management plan • Compilation of the water use authorisation technical report and application forms 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Carel Davids	011 519 4600		

Project Name: Blue Drop Inspector for the 2013/2014 Cycle

Client	Department of Water and Sanitation		
Project Description	Blue drop inspector for the 2013/2014 cycle		
Position Held/Role	Green Drop Inspector		
Project Start Date	2013/2014 Cycle		
Project End Date	2013/2014 Cycle		
Location	South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Auditing of municipal water treatment works as per the Department of Water and Sanitation blue drop criteria • Risk assessments • Health and safety compliance 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Solomon Makate	012 336 7995		

Project Name: Green Drop Inspector for the 2012/2013 Green Drop cycle

Client	Department of Water and Sanitation		
Project Description	Green drop inspector for the 2012/2013 green drop cycle		
Position Held/Role	Green Drop Inspector		
Project Start Date	2012/2013 Cycle		
Project End Date	2012/2013 Cycle		
Location	South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Auditing of municipal wastewater treatment works as per the Department of Water and Sanitation green drop criteria • Health and safety compliance 		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Solomon Makate	012 336 7995		MakateS@dws.gov.za

Project Name: Compilation of Health and Safety Files for Various Geotechnical Projects

Client	JG Afrika		
Project Description	Compilation of Health and Safety Files for various Geotechnical Projects		
Position Held/Role	Scientist (Water and Environmental Management)		
Project Start Date	Ongoing		
Project End Date	Ongoing		
Location	Gauteng, South Africa		



Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Standard operating procedures • Risk assessment (HIRA) • Toolbox talks • Legal appointments • Inspection and monitoring checklist • Training and awareness • SHE Plan
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Reference Name	Landline No.	Cell Phone No.	E-mail Address
Keshan Naidoo	011 231 2200		

Project Name: Green Drop Action Plans for the Industrial Development Corporation

Client	Industrial Development Corporation.
Project Description	Compilation of green drop Improvement Plans as per the green drop requirements for all municipalities in South Africa
Position Held/Role	Project Leader
Project Value	R273 144.00
Project Start Date	November 2012
Project End Date	April 2014
Location	Gauteng, South Africa
Tasks or Activities Performed/ Key Responsibilities	Compilation of green drop Improvement plans as per the green drop requirements for all municipalities in South Africa

Reference Name	Landline No.	Cell Phone No.	E-mail Address
Mahlogonolo Monyeki	011 269 0733		

Project Name: Green Drop Support for Nketoana LM

Client	Nketoana Local Municipality
Project Description	Development of Wastewater Risk Abatement plan and assistance for the Green Drop assessment.
Position Held/Role	Project Leader
Project Value	R211 000.00
Project Start Date	October 2012
Project End Date	February 2018
Location	Free State, South Africa
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none"> • Compilation of the wastewater risk abatement plan (risk assessment) • Stakeholder engagement workshop • Compilation of the green drop improvement plan • Compilation of the green drop file for the green drop assessments • Health and safety compliance

Reference Name	Landline No.	Cell Phone No.	E-mail Address
Mr Vincent Mkefa	071 670 2048		

Project Name: Basic Assessment and Water Use License Application Process

Client	GIBB on behalf of the Midvaal Local Municipality (MLM)
Project Description	Construction of a new pedestrian bridge across the existing Henley Weir, located in Henley-on Klip, Gauteng Province
Position Held/Role	Environmental Assessment Practitioner
Project Value	R191 000
Project Start Date	March 2012



GA Environment

Curriculum Vitae

Kirthi Peramaul

Project End Date	March 2013		
Location	Gauteng, South Africa		
Tasks or Activities Performed/ Key Responsibilities	<ul style="list-style-type: none">• Compilation of the environmental basic assessment report• Public participation process		
Reference Name	Landline No.	Cell Phone No.	E-mail Address
Mr Carel Davids	011 519 4600		



GA Environment

Curriculum Vitae

Kirthi Peramaul

Declaration

I confirm that the above information contained in the CV is an accurate description of my experience, skills and qualifications.

Kirthi Peramaul

A handwritten signature in black ink that reads "Peramaul".

Full Name and Signature of Staff Member

14/11/2019

Date