



POSITION : **Associate (Environmental Scientist)**
NAME OF FIRM : GIBB (Pty) Ltd
NAME OF STAFF : Walter FYVIE
DATE OF BIRTH : 18.05.1976
NATIONALITY : South African
YEARS WITH FIRM : 9

SUMMARY OF QUALIFICATIONS:

Walter Fyvie is an environmental consultant with 12 years experience in many different areas of environmental management, including Environmental Impact Assessments (EIAs) for large developments including renewable energy projects, and Environmental Auditing. His auditing experience has included industrial compliance audits, and construction projects in the role of Environmental Control Officer (ECO). He also consults in waste management. He has international experience as an environmental consultant, having worked in the UK for two years. With a technical background in zoology, biochemistry, biotechnology and environmental management, he appreciates the scientific, engineering and biological requirements of environmental projects.

Key experience includes:

- Environmental Auditing, including compliance audits of waste disposal facilities, health care risk waste (HCRW) treatment facilities, ISO14000 audits, and construction audits as an Environmental Control Officer (ECO) for various infrastructure projects
- Environmental Management Programmes/Plans (EMPr), including the drafting of EMPrs for numerous construction projects including roads, railways, residential estates, commercial and retail developments, and renewable energy projects including wind farms
- Environmental Impact Assessments (EIAs), including Basic Assessments, scoping studies, full Environmental Impact Assessments, public participation and coordination of large specialist teams. He has been involved with in excess of 50 assessments projects including large residential estate projects, wind farm projects in the Western Cape, and high-rise mixed use developments in London (UK)
- Waste Management Planning including waste stream surveys, waste characterisation studies and recycling initiatives. He has drafted a number of Integrated Waste Management Plans (IWMPs) at local municipal and provincial level and has provided training courses on waste management on behalf of the Institute of Waste Management South Africa (IWMSA)
- Project Management. Walter is an associate at Gibb and has 5 years experience as project leader on the above projects, where he has been responsible for all project aspects including technical requirements, financial and programme control, and client liaison.

EDUCATION:

<i>Institution:</i>	<i>Qualification:</i>	<i>Year Obtained:</i>
Rhodes University, Grahamstown, South Africa	Master of Science (Environmental Biotechnology)	2001
University of Port Elizabeth, South Africa	Bachelor of Science (Honours) Biochemistry	1997
University of Port Elizabeth, South Africa	Bachelor of Science (Zoology and Biochemistry)	1996

MEMBERSHIPS OF PROFESSIONAL ASSOCIATIONS:

- Professional Member of the South African Council for Natural Scientists

From:	1999	To:	1999
Employer:			Chris Mulder & Associates
Position held:			Temporary warden of Thesen Island, Knysna. Ornithological species census and behavioural studies
From:	1999	To:	1999
Employer:			Mala-Mala Game Reserve (Sabi-Sands, Mpumalanga, RSA)
Position held:			Game Guide
From:	1998	To:	1999
Employer:			University of Cape Town
Position held:			Bibliographer for Roberts Birds of Southern Africa, 7 th edition
From:	1998	To:	1998
Employer:			Timbavati Wilderness Trails (Mpumalanga, RSA)
Position held:			Game Guide

DETAILED TASKS ASSIGNED (*tasks to be performed under this assignment*):

– Unassigned

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **ENVIRONMENTAL CONTROL OFFICER (ECO): JOHN TALLANT ROAD UPGRADE**
YEAR: From: 2013 To: Ongoing
LOCATION: Port Elizabeth, Eastern Cape, South Africa
CLIENT: Nelson Mandela Bay Municipality
MAIN PROJECT FEATURES: Environmental Control Officer for the upgrade and rehabilitation of the John Tallant/Grahamstown Rd interchange, including wetland reclamation
POSITIONS HELD: **Project Leader**
ACTIVITIES PERFORMED: Project management, client liaison, management of the on-site ECO, and review of audit reports

NAME OF ASSIGNMENT/PROJECT: **ENVIRONMENTAL CONTROL OFFICER (ECO) : REHABILITATION OF WESTBEACH ROAD, PORT ALFRED**
YEAR: From: 2013 To: Ongoing
LOCATION: Port Alfred, Eastern Cape, South Africa
CLIENT: Nelson Mandela Bay Municipality
MAIN PROJECT FEATURES: Environmental Control Officer for the rehabilitation of the Westbeach Road which was washed away during a flood event
POSITIONS HELD: **Project Leader**
ACTIVITIES PERFORMED: All project management, client liaison, management of the on-site ECO, and review of audit reports

NAME OF ASSIGNMENT/PROJECT: **ENVIRONMENTAL CONTROL OFFICER: BULK SEWAGE SERVICES, COEGA IDZ**
YEAR: From: 2013 To: Ongoing
LOCATION: Port Elizabeth, Eastern Cape, South Africa
CLIENT: The Matrix Consulting Engineers (on behalf of the Coega Development Corporation)
MAIN PROJECT FEATURES: Environmental Control Officer for the construction of bulk sewage pipelines within the Coega IDZ
POSITIONS HELD: **Project Leader**

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

ACTIVITIES PERFORMED: Project management, client liaison, management of the on-site ECO, and review of audit reports

NAME OF ASSIGNMENT/PROJECT: **COMPLIANCE AUDITS FOR SWTSA**
 YEAR: From: 2010 To: 2012
 LOCATION: City Deep, Johannesburg, South Africa
 CLIENT: Solid Waste Technologies South Africa (SWTSA)
 MAIN PROJECT FEATURES: A number of annual compliance audits in terms of the National Environmental Management Act (Act 107 of 1998), Environment Conservation Act (Act 73 of 1989), and Gauteng Health Care Waste Management Regulations (2004) (Transportation of HCRW) authorisations for a Health Care Risk Waste (HCRW) electro-thermal deactivation plant
 POSITIONS HELD: **Project leader and Lead Auditor**
 ACTIVITIES PERFORMED: All project management, auditing (lead auditor) and reporting

NAME OF ASSIGNMENT/PROJECT: **ESKOM ISO 14001 PRE-CERTIFICATION AUDITS**
 YEAR: From: 2010 To: 2010
 LOCATION: Grootvlei and Arnot, Mpumalanga, South Africa
 CLIENT: Eskom Generation
 MAIN PROJECT FEATURES: 14001 Pre-certification audits for two coal power stations (Grootvlei and Arnot)
 POSITIONS HELD: **Training Auditor**
 ACTIVITIES PERFORMED: Three (3) days on-site work, including reviewing Environmental Management System (EMS) documentation, site checks and interviews with personal

NAME OF ASSIGNMENT/PROJECT: **SINATI GOLF ESTATE**
 YEAR: From: 2009 To: 2009
 LOCATION: East London, South Africa
 CLIENT: Billion Group
 MAIN PROJECT FEATURES: Environmental Control Officer (ECO) for the construction of a proposed estate consisting of an 18 hole golf course and 700 residential erven. Project was not completed due to financial constraints
 POSITIONS HELD: **Environmental Control Office**
 ACTIVITIES PERFORMED: Site inspections, formal environmental audits, reporting and client liaison

NAME OF ASSIGNMENT/PROJECT: **WISBECH FLOOD ALLEVIATION SCHEME**
 YEAR: From: 2008 To: 2009
 LOCATION: Wisbech, Norfolk, United Kingdom
 CLIENT: Environment Agency
 MAIN PROJECT FEATURES: Flood defence scheme on the River Nene. Defences (sheet piling) was installed along a 3 km section
 POSITIONS HELD: **Environmental Advisor**
 ACTIVITIES PERFORMED: Providing environmental advice and guidance to the project team and auditing compliance with the Environmental Specifications and Environment Agency requirements

NAME OF ASSIGNMENT/PROJECT: **QUMBU TO UGIE 132 KV OVERHEAD POWERLINE**
 YEAR: From: 2006 To: 2007

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

LOCATION: Qumbu, Eastern Cape, South Africa
 CLIENT: Eskom Distribution, Southern Region
 MAIN PROJECT FEATURES: Construction of a 60 km long, 123 kV overhead powerline
 POSITIONS HELD: **Project leader and Environmental Control Officer**
 ACTIVITIES PERFORMED: Undertaking of construction environmental compliance audits, reporting and client liaison

NAME OF ASSIGNMENT/PROJECT: **MOUNT FRERE (EXT 7) & MOUNT AYLIFF (EXT 5) HOUSING SCHEME AUDITS**
 YEAR: From: 2006 To: 2006
 LOCATION: Mount Frere & Mount Ayliff, Eastern Cape, South Africa
 CLIENT: Umzimvubu Local Municipality
 MAIN PROJECT FEATURES: Environmental performance audit of two partially completed Rural Development Programme (RDP) Housing Schemes
 POSITIONS HELD: **Project Leader and Lead Auditor**
 ACTIVITIES PERFORMED: All client liaison, auditing and reporting

NAME OF ASSIGNMENT/PROJECT: **KACNIS TRANSPORT SITE GROUNDWATER INVESTIGATION**
 YEAR: From: 2003 To: 2003
 LOCATION: Berlin, East London, South Africa
 CLIENT: Anglo-American
 MAIN PROJECT FEATURES: Interpretation and reporting on groundwater monitoring data
 POSITIONS HELD: **Project Scientist**
 ACTIVITIES PERFORMED: Evaluation of groundwater chemical analysis data generated from groundwater monitoring programme at the Kacnis site

NAME OF ASSIGNMENT/PROJECT: **DUCATS LANDFILL SITE CLOSURE – ENVIRONMENTAL MONITORING**
 YEAR: From: 2002 To: 2002
 LOCATION: East London, South Africa
 CLIENT: Buffalo City Municipality
 MAIN PROJECT FEATURES: Landfill closure project
 POSITIONS HELD: **Project Scientist**
 ACTIVITIES PERFORMED: Undertook environmental site assessment, designing of a surface water quality sampling programme, water sampling, data interpretation and reporting

NAME OF ASSIGNMENT/PROJECT: **EAST LONDON REGIONAL WASTE DISPOSAL SITE**
 YEAR: From: 2002 To: 2004
 LOCATION: East London, South Africa
 CLIENT: Buffalo City Municipality
 MAIN PROJECT FEATURES: Coordinator of environmental monitoring programme for the landfill site. Programmes included air quality, ground and surface water quality, fish and aquatic invertebrate assessments, and river sediment monitoring
 POSITIONS HELD: **Monitoring Programme Manager/Environmental Control Officer**
 ACTIVITIES PERFORMED: Responsible for programme design, implementation, specialist coordination, data interpretation and reporting, including presentations to the monitoring committee. Also functioned as Environmental Control Officer (ECO) for the infrastructure contracts for landfill construction

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **COCT STORMWATER MAINTENANCE ACTIVITIES (BASIC ASSESSMENT)**
 YEAR: From: 2011 To: Ongoing
 LOCATION: Cape Town, South Africa
 CLIENT: City of Cape Town (Catchment, Stormwater & River Management Branch)
 MAIN PROJECT FEATURES: An expanded Basic Assessment for the authorisation of all routine management activities undertaken by City of Cape Town on all stormwater facilities (including wetlands, canals, rivers, and ponds) within their jurisdiction. Included a total of ~7 000 waterbodies and 1 200 km of rivers. The Basic Assessment included a matrix approach to understanding all the activities (in excess of 10 activities) and their likely impacts. It also included specialist input from a botanist and aquatic ecologist and included the drafting of a detailed EMP and standard operating procedures
 POSITIONS HELD: **Project Leader and Environmental Assessment Practitioner (EAP)**
 ACTIVITIES PERFORMED: Client liaison, financial and programme management, specialist coordination, assessments and report writing

NAME OF ASSIGNMENT/PROJECT: **LANGHOOGTE WIND FARM (SCOPING AND EIA)**
 YEAR: From: 2011 To: 2013
 LOCATION: Botrivier, Overberg, Western Cape, South Africa
 CLIENT: SAGIT Energy Ventures
 MAIN PROJECT FEATURES: A Scoping and EIA process for the development of a 45 turbine wind farm. Specialist assessments included ecology, wetlands, avifauna, noise, palaeontology, archaeology, visual, social, economics, and agricultural impacts
 POSITIONS HELD: **Project Leader and EAP**
 ACTIVITIES PERFORMED: Responsible for all aspects of the project including client liaison, programme and financial control, coordination of EIA team and specialists, managing the Public Participation Process (PPP) and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: **WOLSELEY WIND FARM (SCOPING AND EIA)**
 YEAR: From: 2001 To: 2013
 LOCATION: Wolseley, Western Cape, South Africa
 CLIENT: SAGIT Energy Ventures
 MAIN PROJECT FEATURES: A Scoping and EIA process for the development of a 30 turbine wind farm. Specialist assessments included ecology, wetlands, avifauna, noise, palaeontology, archaeology, visual, social, economics, and agricultural impacts
 POSITIONS HELD: **Project Leader and EAP**
 ACTIVITIES PERFORMED: Responsible for all aspects of the project including client liaison, programme and financial control, coordination of EIA team and specialists, managing the Public Participation Process (PPP) and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: **ALICEDALE STORMWATER UPGRADE (BASIC ASSESSMENT)**
 YEAR: From: 2011 To: 2013
 LOCATION: Alicedale, Eastern Cape, South Africa
 CLIENT: Masuku, Dube, Tifflin (MDT) on behalf of Makana Local Municipality
 MAIN PROJECT FEATURES: Basic Assessment for the upgrade and construction of stormwater facilities (within 32 m of a watercourse) associated with road upgrades in township extension in Alicedale
 POSITIONS HELD: **Project Leader and EAP**
 ACTIVITIES PERFORMED: Client liaison, programme and financial control, review and quality control

NAME OF ASSIGNMENT/PROJECT: **MOUNT ROAD SOCIAL HOUSING EIA (BASIC ASSESSMENT)**
YEAR: From: 2010 To: 2012
LOCATION: Port Elizabeth, South Africa
CLIENT: Nelson Mandela Bay Municipality
MAIN PROJECT FEATURES: Assessment for the rezoning of two erven of Public Open Space for the development of 502 Social Housing Units in a residential neighbourhood. Specialist studies included a Social Impact Assessment, Heritage Impact Assessment, Traffic Impact Assessment, and Geological review. A controversial project with a significant PPP
POSITIONS HELD: **Project Leader and Environmental Assessment Practitioner**
ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, coordination of specialists, managing the Public Participation Process (PPP) and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: **PATENSIE TO KAREEDOUW 132kv POWERLINES (BASIC ASSESSMENT)**
YEAR: From: 2010 To: Ongoing
LOCATION: Humansdorp, Eastern Cape, South Africa
CLIENT: Eskom Distribution, Southern Region
MAIN PROJECT FEATURES: Three applications for the construction of 99 km of 132kv overhead powerline, two new sub-stations (Patensie and Dieprivier) and an extension to the Melkhout Sub-station. Specialist investigations included Avifauna Assessment, Heritage Impact Assessment and Vegetation Assessment
POSITIONS HELD: **Project Leader and Environmental Assessment Practitioner**
ACTIVITIES PERFORMED: Client liaison, programme and financial control, coordination of specialists and report review

NAME OF ASSIGNMENT/PROJECT: **SIPHAKENI TELECOMMUNICATIONS MAST EIA (BASIC ASSESSMENT)**
YEAR: From: 2009 To: 2009
LOCATION: Flagstaff, Eastern Cape, South Africa
CLIENT: Eskom Distribution
MAIN PROJECT FEATURES: Basic Assessment for the construction of a telecommunications mast at the Siphakeni sub-station
POSITIONS HELD: **Project Leader and Environmental Assessment Practitioner**
ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: **RIVER WENSUM RESTORATION PROJECT**
YEAR: From: 2008 To: 2009
LOCATION: Norfolk, England, United Kingdom
CLIENT: Environment Agency
MAIN PROJECT FEATURES: A member of the professional team tasked with devising restoration proposals for various reaches of the River Wensum in Norfolk, England. Restoration of the entire river SSSI (Site of Special Scientific Interest) (71km) was being considered, the first of its kind in the UK
POSITIONS HELD: **EIA Practitioner**
ACTIVITIES PERFORMED: Responsible for drafting Pre-feasibility reports and managing the Environmental Impact Assessments aspects of the project as well as providing input into the MCA (Multi-criteria analysis) process for determining suitable restoration measures

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **LEEDS FLOOD ALLEVIATION SCHEME EIA**
YEAR: From: 2008 To: 2009
LOCATION: Leeds, England, United Kingdom
CLIENT: Environment Agency
MAIN PROJECT FEATURES: Planning flood defences on the River Aire through the centre of the city of Leeds, UK
POSITIONS HELD: **Environmental Advisor**
ACTIVITIES PERFORMED: Advisor to the engineering and planning team in the early stages of defining the engineering proposal. Responsibilities included reviewing the Scoping Consultation Report, and providing environmental input as required

NAME OF ASSIGNMENT/PROJECT: **HAGGERSTON WEST AND KINGSLAND RESIDENTIAL EIA**
YEAR: From: 2007 To: 2008
LOCATION: London, England, UK
CLIENT: London and Quadrant Housing Association
MAIN PROJECT FEATURES: A proposed regeneration project involving the construction of 750 residential units in Hackney, London, UK. The Environmental Statement (ES) accompanied the outline planning application for the development.
POSITIONS HELD: **EIA Project Manager**
ACTIVITIES PERFORMED: Technical lead responsible for managing the EIA and drafting of all reports

NAME OF ASSIGNMENT/PROJECT: **RIVER LEE CROWN WHARF EIA**
YEAR: From: 2007 To: 2008
LOCATION: London, England, United Kingdom
CLIENT: Moonberry Properties
MAIN PROJECT FEATURES: A four-tower residential development (900 residential units and limited commercial) on the banks of the River Lee near Canning Town, London, UK. The Environmental Statement was to accompany a hybrid planning application for the development. Not completed
POSITIONS HELD: **EIA Project Manager**
ACTIVITIES PERFORMED: EIA Project Manager responsible for specialist study coordination and reporting

NAME OF ASSIGNMENT/PROJECT: **UPTON PARK QUEENS MARKET DEVELOPMENT EIA**
YEAR: From: 2007 To: 2008
LOCATION: London, England, UK
CLIENT: St Modwen Properties
MAIN PROJECT FEATURES: A number of specialist studies undertaken to inform the EIA for the Queens Market development, a mixed use refurbishment project involving the reconstruction of Queens Market in Upton Park, Newham, London. The development included the expansion of the market and the construction of 352 residential units
POSITIONS HELD: **Specialist Studies Coordinator**
ACTIVITIES PERFORMED: Coordinator of specialist studies

NAME OF ASSIGNMENT/PROJECT: **CITY PRIDE DEVELOPMENT**
YEAR: From: 2008 To: 2008
LOCATION: London, England, United Kingdom
CLIENT: Glenkerrin

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

MAIN PROJECT FEATURES: EIA for a multi-storey tower development (approx. 60 storeys) on Isle of Dogs, London, UK. The tower was to include largely residential units (410) and a luxury hotel. The Environmental Statement was to accompany a detailed planning application. Not completed

POSITIONS HELD: [EIA Project Manager](#)

ACTIVITIES PERFORMED: EIA Project Manager responsible for specialist study coordination and reporting

NAME OF ASSIGNMENT/PROJECT: [STATION HILL COMMERCIAL MIXED USE DEVELOPMENT](#)

YEAR: From: 2008 To: 2008

LOCATION: Redding, United Kingdom

CLIENT: Sackville Development

MAIN PROJECT FEATURES: EIA for Station Hill Reading, a commercial led mixed use development in Reading, UK

POSITIONS HELD: [Project Scientist](#)

ACTIVITIES PERFORMED: Responsible for compiling the responses to Regulation 19 requests (formal requests by the local planning authority for further environmental information) for the EIA

NAME OF ASSIGNMENT/PROJECT: [ZIMBANE-MAFINI 66 KV POWERLINE \(BASIC ASSESSMENT\)](#)

YEAR: From: 2006 To: 2007

LOCATION: Mthatha to Lusikisiki, Eastern Cape, South Africa

CLIENT: Eskom Distribution, Southern Region

MAIN PROJECT FEATURES: An environmental assessment and EMPr for the construction of a 60 km long 66 kV powerline from Lusikisiki to Mthatha

POSITIONS HELD: [EIA Project Leader](#)

ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: [TSWANA 66KV POWERLINE AND SUBSTATION BASIC ASSESSMENT\)](#)

YEAR: From: 2006 To: 2007

LOCATION: Queenstown to Tarkastad, Eastern Cape, South Africa

CLIENT: Eskom Distribution, Southern Region

MAIN PROJECT FEATURES: Construction of a substation and 70 km long 66 kV powerline from Queenstown to Tarkastad

POSITIONS HELD: [EIA Project Leader](#)

ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: [HEMMINGWAYS SHOPPING MALL \(EIA SCOPING STUDY\)](#)

YEAR: From: 2006 To: 2006

LOCATION: East London, Eastern Cape, South Africa

CLIENT: The Billion Group

MAIN PROJECT FEATURES: Environmental Scoping study for the rezoning of two land parcels for the development of a regional shopping mall. Project included permit applications in terms of the National Forest Act for the destruction of forest

POSITIONS HELD: [Project Leader](#)

ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, and drafting assessment reports

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **QUMBU – UGIE 132KV POWERLINE (EIA SCOPING REPORT AND EMPR)**
 YEAR: From: 2005 To: 2006
 LOCATION: Qumbu to Ugie, Eastern Cape, South Africa
 CLIENT: Eskom Distribution, Southern Region
 MAIN PROJECT FEATURES: Environmental scoping process and EMPr for the construction of a 60 km long, 132 kV overhead powerline from Qumbu to Ugie in the former Transkei
 POSITIONS HELD: **Project Leader**
 ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: **NZENYANE 22KV POWERLINE (EIA SCOPING AND EMPR)**
 YEAR: From: 2005 To: 2005
 LOCATION: Ngqeleni area, Nyandeni Municipality, South Africa
 CLIENT: Sektor Engineering
 MAIN PROJECT FEATURES: Environmental scoping process and EMPr for the construction of a 6 km long, 22 kV overhead powerline
 POSITIONS HELD: **Project Leader**
 ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: **GQUNUBE VALLEY ECO GOLF RESORT: OFF SITE SERVICES EIA (SCOPING AND EMPR)**
 YEAR: From: 2005 To: 2007
 LOCATION: East London, Eastern Cape, South Africa
 CLIENT: The Billion Group
 MAIN PROJECT FEATURES: Environmental Scoping study for the construction of two bulk water pipelines (approximately 15 km in length) to supply domestic and irrigation water to the Gqunube Valley Eco Golf Resort
 POSITIONS HELD: **Project Leader**
 ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: **GQUNUBE VALLEY ECO GOLF RESORT (SCOPING AND EIR)**
 YEAR: From: 2005 To: 2007
 LOCATION: East London, Eastern Cape, South Africa
 CLIENT: The Billion Group
 MAIN PROJECT FEATURES: Environmental Scoping study and full EIR for development of an 18-hole golf course and 779 erven estate near Gonubie, East London
 POSITIONS HELD: **Project Leader**
 ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: **HOGSBACK 3.3KV POWERLINE EIA**
 YEAR: From: 2004 To: 2006
 LOCATION: Hogsback, Eastern Cape, South Africa
 CLIENT: Eskom Distribution, Southern Region

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

MAIN PROJECT FEATURES: Route selection, environmental scoping process and EMP for the development of a 3.3 kV underground powerline in Hogsback

POSITIONS HELD: **Project Leader**

ACTIVITIES PERFORMED: All aspects including project management, assessments and reporting

NAME OF ASSIGNMENT/PROJECT: **KUBUSIE 11kv POWERLINE EIA**

YEAR: From: 2004 To: 2005

LOCATION: Keiskammahoek, Eastern Cape, South Africa

CLIENT: Eskom Distribution, Sothern Region

MAIN PROJECT FEATURES: Environmental Scoping process and EMP for the construction of an 11 kV overhead powerline near in the Kubusie area

POSITIONS HELD: **Project Leader**

ACTIVITIES PERFORMED: All aspects of the project including client liaison, programme and financial control, and drafting assessment reports

NAME OF ASSIGNMENT/PROJECT: **SIPHAKWENI SUBSTATION EIA**

YEAR: From: 2004 To: 2005

LOCATION: Flagstaff, Eastern Cape, South Africa

CLIENT: Eskom Distribution, Sothern Region

MAIN PROJECT FEATURES: Environmental scoping process and EMP for the construction of a substation near Flagstaff

POSITIONS HELD: **Project Leader**

ACTIVITIES PERFORMED: All aspects including project management, assessments and reporting

NAME OF ASSIGNMENT/PROJECT: **DUMASI-ZIMBANE 132kv POWERLINE EIA**

YEAR: From: 2004 To: 2004

LOCATION: Lusikisiki to Mthatha, Eastern Cape, South Africa

CLIENT: Eskom Distribution, Sothern Region

MAIN PROJECT FEATURES: Environmental scoping process and EMP for the construction of a 90 km long 132 kV powerline from Lusikisiki to Mthatha

POSITIONS HELD: **Project Leader**

ACTIVITIES PERFORMED: All aspects including project management, assessments and reporting

NAME OF ASSIGNMENT/PROJECT: **TYHEFU IRRIGATION SCHEME PHASE 2 EIA**

YEAR: From: 2003 To: 2003

LOCATION: Tyhefu, Eastern Cape, South Africa

CLIENT: Department of Agriculture, Eastern Cape

MAIN PROJECT FEATURES: Extended Environmental Scoping Report, EMP and ECO role for the construction of a 6 km long bulk irrigation line in the Fish River Valley, Eastern Cape

POSITIONS HELD: **Project Leader and Scientist**

ACTIVITIES PERFORMED: Responsible for all aspects including field, public participation, reporting and Environmental Control Officer

NAME OF ASSIGNMENT/PROJECT: **RABULA WATER SUPPLY SCHEME**

YEAR: From: 2002 To: 2002

LOCATION: Keiskammahoek, Eastern Cape, South Africa

CLIENT: Amatole District Municipality

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

MAIN PROJECT FEATURES: Construction of a bulk potable water supply scheme to surrounding rural areas
 POSITIONS HELD: [Public Participation Manager](#)
 ACTIVITIES PERFORMED: Responsible for planning and chairing public meetings and reporting of the PPP process

NAME OF ASSIGNMENT/PROJECT: [GQUNUBE VALLEY ECO GOLF RESORT – BOARDWALK FEASIBILITY](#)
 YEAR: From: 2006 To: 2006
 LOCATION: East London, Eastern Cape, South Africa
 CLIENT: The Billion Group
 MAIN PROJECT FEATURES: An investigation into the feasibility of developing a boardwalk to provide beach access to the proposed Gqunube Valley Eco Golf Resort
 POSITIONS HELD: [Project Leader and Scientist](#)
 ACTIVITIES PERFORMED: All aspects including project management, assessments and reporting

NAME OF ASSIGNMENT/PROJECT: [HAILEY ROAD DRAIN PRE-FEASIBILITY ASSESSMENT](#)
 YEAR: From: 2008 To: 2008
 LOCATION: Witney, Oxfordshire, United Kingdom
 CLIENT: Environment Agency
 MAIN PROJECT FEATURES: Pre-feasibility environmental assessment of the implication of constructing flood retention dams in the local catchment of the Hailey Road Drain, a drain flowing through a residential area of Witney
 POSITIONS HELD: [Project Scientist](#)
 ACTIVITIES PERFORMED: All technical input, including field assessment and reporting

NAME OF ASSIGNMENT/PROJECT: [MOUNT FRERE AND MOUNT AYLIFF HOUSING SCHEME](#)
 YEAR: From: 2007 To: 2007
 LOCATION: Mount Frere and Mount Ayliff, Eastern Cape, South Africa
 CLIENT: Alfred Nzo District Municipality
 MAIN PROJECT FEATURES: Environmental screening investigation
 POSITIONS HELD: [Project Leader](#)
 ACTIVITIES PERFORMED: All technical input, including field assessment and reporting.

NAME OF ASSIGNMENT/PROJECT: [ERF 2370 TOWNHOUSE DEVELOPMENT, AMALINDA](#)
 YEAR: From: 2005 To: 2005
 LOCATION: East London, Eastern Cape, South Africa
 CLIENT: Kebeni Properties
 MAIN PROJECT FEATURES: Environmental screening exercise identifying site environmental constraints and authorisation requirements for a proposed townhouse development
 POSITIONS HELD: [Project Leader](#)
 ACTIVITIES PERFORMED: All aspects including project management, assessments and reporting

NAME OF ASSIGNMENT/PROJECT: [NELSON MANDELA BAY MUNICIPALITY INTEGRATED ENVIRONMENTAL POLICY](#)
 YEAR: From: 2010 To: 2011
 LOCATION: Port Elizabeth, Eastern Cape, South Africa
 CLIENT: Nelson Mandela Bay Municipality
 MAIN PROJECT FEATURES: Development of a second generation Integrated Environmental Policy for the NMBM in Port Elizabeth included comprehensive staff survey programme and

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

POSITIONS HELD: public participation programme
Project Leader
 ACTIVITIES PERFORMED: All aspects including project management, staff interviews, workshops and reporting

NAME OF ASSIGNMENT/PROJECT: **BINHAM GAUGING STATION ENVIRONMENTAL PLANNING**
 YEAR: From: 2008 To: 2009
 LOCATION: Norfolk, United Kingdom
 CLIENT: Environment Agency
 MAIN PROJECT FEATURES: Development of a flow gauging station on the Binham Stream
 POSITIONS HELD: **Project Scientist**
 ACTIVITIES PERFORMED: Responsible for all environmental and town planning aspects of the project including drafting the Environmental Report and compiling the planning application

NAME OF ASSIGNMENT/PROJECT: **HILGAY HABITAT CREATION PROJECT**
 YEAR: From: 2008 To: 2009
 LOCATION: Hilgay, Norfolk, United Kingdom
 CLIENT: Environment Agency
 MAIN PROJECT FEATURES: Planning and design of a 60 ha artificial reedbed wetland near Hilgay
 POSITIONS HELD: **Project Scientist**
 ACTIVITIES PERFORMED: Responsible for the Project Appraisal Report, and management of specialist studies including Flood Risk Assessment, Geotechnical Assessment and input from the Panel Reservoir Engineer

NAME OF ASSIGNMENT/PROJECT: **UPPER AIRE STRATEGIC ENVIRONMENTAL ASSESSMENT**
 YEAR: From: 2008 To: 2009
 LOCATION: River Aire, West Yorkshire, United Kingdom
 CLIENT: Environment Agency
 MAIN PROJECT FEATURES: SEA supporting a Flood Risk Management Strategy for flood alleviation options along a section (approximately 50km) of the River Aire
 POSITIONS HELD: **Project Scientist**
 ACTIVITIES PERFORMED: Responsible for assessing river reaches in terms of environmental risk and finalising the SEA report.

NAME OF ASSIGNMENT/PROJECT: **GQUNUBE VALLEY ECO GOLF RESORT**
 YEAR: From: 2005 To: 2005
 LOCATION: East London, Eastern Cape, South Africa
 CLIENT: The Billion Group
 MAIN PROJECT FEATURES: Limited SEA required to inform development options for a site intended for the construction of an 18-hole golf course and 779 erven estates near Gonubie
 POSITIONS HELD: **Project Scientist**
 ACTIVITIES PERFORMED: Responsible for technical assessment and reporting

NAME OF ASSIGNMENT/PROJECT: **INTEGRATED WASTE MANAGEMENT PLAN (IWMP) FOR THE MHLONTLO MUNICIPALITY**
 YEAR: From: 2013 To: Ongoing
 LOCATION: Qumbu, Eastern Cape, South Africa

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

CLIENT: Mhlontlo Municipality
 MAIN PROJECT FEATURES: An IWMP for the Mhlontlo Municipality, which includes the towns of Qumbu and Tsolo in the Eastern Cape, RSA. Included review of waste infrastructure, institutional assessment, developing objectives and an implementation plan
 POSITIONS HELD: **Project Leader**
 ACTIVITIES PERFORMED: Responsible for all project management, client liaison, coordinating IWMP team, drafting and reviewing reports

NAME OF ASSIGNMENT/PROJECT: **INTEGRATED WASTE MANAGEMENT PLAN (IWMP) FOR THE NELSON MANDELA BAY MUNICIPALITY**
 YEAR: From: 2011 To: 2012
 LOCATION: Port Elizabeth, Eastern Cape, South Africa
 CLIENT: Nelson Mandela Bay Municipality
 MAIN PROJECT FEATURES: An IWMP for the NMBM, the local authority (Metro) in the Port Elizabeth area. Included waste characterisations, review of waste infrastructure, institutional assessment, a public perception survey developing objectives and an implementation plan
 POSITIONS HELD: **Project Leader**
 ACTIVITIES PERFORMED: Responsible for all project management, client liaison, coordinating IWMP team, drafting and reviewing reports

NAME OF ASSIGNMENT/PROJECT: **LICENSING OF THE NELSPOORT AND MERWEVILLE LANDFILL SITES**
 YEAR: From: 2011 To: 2013
 LOCATION: Nelspoort/Merweville, Beaufort West Municipality, Western Cape, South Africa
 CLIENT: Beaufort West Municipality
 MAIN PROJECT FEATURES: Retrospective Waste License application for the existing Merweville Landfill Site and a Section 24G application for the Nelspoort Landfill. Specialist studies included geohydrological desktop investigations, topographical surveys and engineering designs.
 POSITIONS HELD: **Project Leader**
 ACTIVITIES PERFORMED: All project management, client liaison, coordinating professional team, field assessments, drafting and reviewing reports

NAME OF ASSIGNMENT/PROJECT: **MBHASHE AND MNQUMA MUNICIPALITIES TRANSFER STATION FEASIBILITY STUDY AND LICENSING**
 YEAR: From: 2008 To: 2012
 LOCATION: Nqamakwe, Centane, Dutywa, and Willowvale, Eastern Cape, South Africa
 CLIENT: Amathole District Municipality
 MAIN PROJECT FEATURES: Site selection process and feasibility Study for four waste transfer stations the Eastern Cape, RSA. Tasks include geohydrological desktop investigations, conceptual design, licence application in terms of National Environmental Management Waste Act (59 of 2008) and Basic (Environmental) Assessment in terms of National Environmental Management Act (56 of 2002)
 POSITIONS HELD: **Project Leader**
 ACTIVITIES PERFORMED: All project management, client liaison, coordinating professional team, field assessments, drafting and reviewing reports

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

NAME OF ASSIGNMENT/PROJECT: **INTEGRATED WASTE MANAGEMENT PLAN (IWMP) FOR THE EASTERN CAPE PROVINCE**

YEAR: From: 2008 To: 2010

LOCATION: Bhisho, Eastern Cape, South Africa

CLIENT: Department of Economic Development, Environmental Affairs and Tourism

MAIN PROJECT FEATURES: Development of a Provincial IWMP for the Eastern Cape Province. The plan addressed general and hazardous waste management, and included a literature survey, questionnaire survey of local authorities and private industries, and workshops with the project steering committee

POSITIONS HELD: **Project Leader**

ACTIVITIES PERFORMED: Responsible for coordinating IWMP team, client liaison, drafting and reviewing reports

NAME OF ASSIGNMENT/PROJECT: **BUFFALO CITY RECYCLING BUY-BACK CENTRES**

YEAR: From: 2004 To: 2006

LOCATION: East London, Eastern Cape, South Africa

CLIENT: Buffalo City Municipality (BCM)

MAIN PROJECT FEATURES: Planning, commissioning, operation and monitoring of pilot recycling Buy-Back Centres in Buffalo City. A multi-disciplinary project including waste management, environmental assessment, public participation and social management

POSITIONS HELD: **Project Leader**

ACTIVITIES PERFORMED: Responsible for all project management, client liaison, managing professional team, environmental assessments, drafting and reviewing reports

NAME OF ASSIGNMENT/PROJECT: **OR THAMBO DISTRICT MUNICIPALITY WASTE STREAM SURVEY**

YEAR: From: 2003 To: 2004

LOCATION: OR Tambo District, Eastern Cape, South Africa

CLIENT: OR Tambo District Municipality

MAIN PROJECT FEATURES: Waste stream characterisation involving physical classification and separation of different waste types within the waste stream

POSITIONS HELD: **Project Scientist**

ACTIVITIES PERFORMED: Responsible for overseeing team of waste separators, collecting data and reporting

NAME OF ASSIGNMENT/PROJECT: **HAZARDOUS WASTE SURVEY**

YEAR: From: 2002 To: 2002

LOCATION: East London, Eastern Cape, South Africa

CLIENT: Buffalo City Municipality (BCM)

MAIN PROJECT FEATURES: A hazardous waste survey to inform the development of the East London Regional Waste Disposal Site. Included an industry survey and interviews of key industries in the region

POSITIONS HELD: **Project Scientist**

ACTIVITIES PERFORMED: Profiling the regions waste including undertaking interviews, data processing and reporting

NAME OF ASSIGNMENT/PROJECT: **TYHEFU IRRIGATION SCHEME PHASE 2**

YEAR: From: 2003 To: 2003

LOCATION: Tyhefu area, Eastern Cape, South Africa

WORK UNDERTAKEN THAT BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED:

CLIENT: Eastern Cape Department of Agriculture
MAIN PROJECT FEATURES: Mining license application and EMPR for two borrow pits
POSITIONS HELD: **Project Scientist**
ACTIVITIES PERFORMED: Technical assessment, reporting and authority liaison

NAME OF ASSIGNMENT/PROJECT: **BULK SERVICES FOR UNHATI MKEFA**
YEAR: From: 2003 To: 2003
LOCATION: Queenstown, Eastern Cape, South Africa
CLIENT: Lukhanji Municipality
MAIN PROJECT FEATURES: Mining license application and EMPR for one borrow pit
POSITIONS HELD: **Project Scientist**
ACTIVITIES PERFORMED: Technical assessment, reporting and authority liaison

NAME OF ASSIGNMENT/PROJECT: **HOUSING RECTIFICATION SURVEYS, EASTERN CAPE**
YEAR: From: 2010 To: 2011
LOCATION: Chris Hani and Amathole District, Eastern Cape, South Africa
CLIENT: Eastern Cape Department of Housing
MAIN PROJECT FEATURES: Surveys of rectification requirements for approximately 4000 RDP houses.
POSITIONS HELD: **Data Manager**
ACTIVITIES PERFORMED: Responsible for coordinating field surveyors, and all data management , analysis and reporting

Certification

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



[Signature of staff member or authorized representative of the staff]

Date:

Day/Month/Year

Full Name of Authorized Representative: Walter Fyvie