

Selma Nel

Principal Scientist



Profession

Principal Scientist

Education

MA, Environmental Management, University of Johannesburg, South Africa, 2007

BA (Hons), Geography and Environmental Management, Rand Afrikaanse Universiteit, South Africa, 2004

BA, Geography and Environmental Management, Rand Afrikaanse Universiteit, South Africa, 2003

Registrations/ Affiliations

International Association of Impact Assessment SA

Specialisation

Selma is a Principal Scientist with 12 years' experience in the environmental consultancy industry. She has experience in Environmental Impact Assessments throughout South Africa, compilation, implementation, amendment and assessing of Environmental Management Plans and Programmes in terms of the Minerals and Petroleum Resources Development Act, Act 28 of 2002 (MPRDA), the National Environmental Management Act, Act 107 of 1998 (NEMA) and the National Environmental Management: Waste Act (Act 29 of 2008) (NEM:WA).

Selma also manages bio-monitoring projects, which involve the assessment of river health through applying the South African Scoring System Version 5 (SASS5) & Invertebrate Habitat Assessment System (IHAS) methodologies. Selma is an accredited SASS Practitioner through the Department of Water and Sanitation since July 2009.

Expertise

Selma Nel has been involved in the field of environmental management for the past 12 years. Her expertise includes:

- project coordination and management of integrated environmental impact assessments, environmental management programmes;
- compilation of technical environmental documents, programmes and reports;
- environmental pre-feasibility and feasibility assessment input;
- site selection assessment input;
- environmental compliance audits in terms of NEMA, MPRDA, NEM:WA and NWA;
- stakeholder engagement;
- vendor due diligence;
- bio-monitoring.

Employment

2010 – present

2007 – 2010

2003 – 2007

1999 – 2000

SRK Consulting (Pty) Ltd, Principal Scientist, Water Department, Johannesburg
GCS Consulting, Environmental Scientist, Environmental Department, Rivonia
University of Johannesburg, Academy for Information Technology, Administration Assistant
ABSA (Rivonia), Client Services Administrator

Languages

English – read, write, speak

Afrikaans – read, write, speak

Selma Nel

Principal Scientist

Key Experience: Project Management: Impact Assessment Projects

Location: Steelpoort, Limpopo
 Project duration & year: July 2018
 Client: Anglo American Platinum – Rustenburg Platinum Mines Limited: Der Brochen Mine
 Name of Project: Der Brochen Amendment Project
 Project Description: Integrated Environmental Authorisation process in terms of the proposed amendment to the Der Brochen Mine Project
 Job Title and Duties: Principal Scientist - Project Manager & EAP

- Project coordination and management
- Technical review of project against current environmental related legislation
- Compilation of technical environmental documents, programmes and reports;
- Coordination and management of specialists
- Authority and Stakeholder consultation
- Client liaison

Value of Project: R 1 500 000

Location: Lebowakgomo, Limpopo
 Project duration & year: April 2017
 Client: Anglo American Platinum – Rustenburg Platinum Mines Limited: Rustenburg Section – Mogalakwena Mine
 Name of Project: Research Crusher Plant Project
 Project Description: Environmental Authorisation process in terms of a temporary research crusher plant project
 Job Title and Duties: Senior Environmental Scientist - Project Manager & EAP

- Project coordination and management
- Technical review of project against current environmental related legislation
- Compilation of technical environmental documents, programmes and reports;
- Coordination and management of specialists
- Authority consultation
- Client liaison

Value of Project: R 250 000

Location: Mokopane, Limpopo Province
 Project duration & year: March 2016, 6 months
 Client: Anglo American Platinum – Rustenburg Platinum Mines Limited: Rustenburg Section – Mogalakwena Mine
 Name of Project: Mogalakwena Mine: Environmental Authorisation Amendment
 Project Description: Amendment of Mogalakwena Mine's approved Environmental Authorisation for the inclusion of an additional pebble storage area, through the undertaking of a NEMA EIA Regulation 29 amendment process
 Job Title and Duties: Senior Environmental Scientist - Project Manager & EAP

- Project coordination and management
- Compilation of technical environmental documents, programmes and reports

Value of Project: R 135 000

Location: Mokopane, Limpopo Province

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Principal Scientist

Key Experience:	Project Management: Impact Assessment Projects
Project duration & year:	April 2016
Client:	Anglo American Platinum – Rustenburg Platinum Mines Limited: Rustenburg Section – Mogalakwena Mine
Name of Project:	Mogalakwena Mine: Environmental Authorisation Amendment
Project Description:	Amendment of Mogalakwena Mine's approved Environmental Authorisation in respect of prospecting rights acquired, through the undertaking of a NEMA EIA Regulation 31 amendment process
Job Title and Duties:	Senior Environmental Scientist - Project Manager & EAP <ul style="list-style-type: none"> • Project coordination and management • Compilation of technical environmental documents, programmes and reports
Value of Project:	R 345 000
Location:	Mokopane, Limpopo Province
Project duration & year:	June 2015
Client:	Anglo American Platinum – Rustenburg Platinum Mines Limited: Rustenburg Section – Mogalakwena Mine
Name of Project:	Tailings Scavenger Plant
Project Description:	The authorisation of a new Tailings Scavenger Plant in terms of NEMA and MPRDA
Job Title and Duties:	Senior Environmental Scientist – Project Manager <ul style="list-style-type: none"> • Project coordination and management • Compilation of technical environmental documents, programmes and reports • Coordinate and facilitate public participation activities • Client liaison • Authority consultation
Value of Project:	R 270 000
Location:	Rustenburg, North West Province
Project duration & year:	June 2014
Client:	Anglo American Platinum – Rustenburg Platinum Mines: Rustenburg Section
Name of Project:	Domestic Waste Recycling Facility
Project Description:	The licensing of the new Domestic Waste Recycling Facility for the sorting and recycling of general waste in terms of NEM:WA
Job Title and Duties:	Senior Environmental Scientist – Project Manager <ul style="list-style-type: none"> • Project coordination and management • Compilation of technical environmental documents, programmes and reports • Coordinate and facilitate public participation activities • Authority consultation • Client liaison
Value of Project:	R 200 000
Location:	Mokopane, Limpopo Province
Project duration & year:	March 2014
Client:	Anglo American Platinum – Mogalakwena Platinum Mine
Name of Project:	Blinkwater Tailings Storage Facility Extension and Attenuation Dam
Project Description:	EMP Amendment to include the extension of the Blinkwater Tailings Storage Facility as well as the construction and operation of a new attenuation dam

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Key Experience:

Job Title and Duties:

Project Management: Impact Assessment Projects

Senior Environmental Scientist – Project Manager

- Project coordination and management of integrated environmental impact assessment
- Coordination and management of multi-disciplinary specialists
- Coordinate public participation activities
- Compilation of technical environmental documents, programmes and reports
- Authority consultation
- Client liaison

Value of Project:

R 4 150 000

Location:

Mokopane, Limpopo Province

Project duration & year:

January 2014

Client:

Anglo American Platinum – Mogalakwena Platinum Mine

Name of Project:

Environmental Impact Assessment for the infill drilling operation on the farms Drenthe and Witrivier including a waste rock dump on the farm Witrivier

Project Description:

Section 102 Application and EMPr Amendment to include the farms Drenthe and Witrivier into the Mining Right as well as the construction and operation of a new waste rock dump

Job Title and Duties:

Senior Environmental Scientist – Project Manager

- Project coordination and management of integrated environmental impact assessment
- Coordination and management of multi-disciplinary specialists
- Coordinate public participation activities
- Compilation of technical environmental documents, programmes and reports
- Authority consultation
- Client liaison

Value of Project:

R 3 900 000

Location:

Mokopane, Limpopo Province

Project duration & year:

October 2013

Client:

Anglo American Platinum – Mogalakwena Platinum Mine

Name of Project:

Mogalakwena Platinum Mine's Environmental Management Programmes (EMPrs) Consolidation and Alignment

Project Description:

Consolidation and alignment of the Mogalakwena Platinum Mine's EMPrs

Job Title and Duties:

Senior Environmental Scientist – Project Manager

- Project coordination and management
- Environmental compliance audit in terms of NEMA, MPRDA, NEM:WA and NWA
- Compilation of technical environmental documents, programmes and reports;
- Authority consultation
- Client liaison

Value of Project:

R 4 200 000

Location:

Rustenburg, North West Province

Project duration & year:

May 2013

Client:

Anglo American Platinum – Rustenburg Platinum Mine: Kwezi & K6 Operations

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Key Experience:

Name of Project:

Project Management: Impact Assessment Projects

Addendum to Anglo American Platinum's Rustenburg Platinum Mine's EMP – to include additional ventilation shafts at the Kwezi and K6 Shaft Operations

Project Description:

Addendum to the Rustenburg Platinum Mine's EMP to include the construction and operation of additional ventilation shafts at the Kwezi and K6 Shaft Operations

Job Title and Duties:

Senior Environmental Scientist – Project Manager

- Project coordination and management
- Compilation of technical environmental documents, programmes and reports;
- Coordination and management of multi-disciplinary specialists
- Coordinate and facilitate public participation activities
- Authority consultation
- Client liaison

Value of Project:

R 175 000

Location:

Hattingspruit, KwaZulu Natal

Project duration & year:

October 2009

Client:

Shanduka Coal

Name of Project:

Springlake Colliery

Project Description:

Environmental Risk Assessment

Job Title and Duties:

Environmental Project Manager

- Project coordination and management
- Compilation of technical environmental documents, programmes and reports;
- Coordination and management of multi-disciplinary specialists
- Authority consultation
- Client liaison

Value of Project:

R 350 000

Location:

Hattingspruit, KwaZulu Natal

Project duration & year:

October 2009

Client:

Shanduka Coal

Name of Project:

Springlake Colliery

Project Description:

Environmental Impact Assessment and Environmental Management Programme for additional conveyors and ventilation shafts

Job Title and Duties:

Environmental Project Manager

- Project coordination and management of integrated environmental impact assessments
- Coordination and management of multi-disciplinary specialists
- Compilation of technical environmental documents, programmes and reports
- Coordinate and facilitate public participation activities
- Authority consultation
- Client liaison

Value of Project:

R 980 000

Location:

Black Rock, Northern Cape

Project duration & year:

April 2009

Client:

Eskom & Assmang Limited: Black Rock Mine

Name of Project:

Construction of a 132kV Power line for the Black Rock Mine

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Key Experience:

Project Description:

Project Management: Impact Assessment Projects

Environmental Impact Assessment and Environmental Management Programme for the construction of a 132kV Power line for the Black Rock Mine

Job Title and Duties:

Environmental Scientist - Project Manager

- Project coordination and management
- Site selection assessment input
- Coordination and management of multi-disciplinary specialists
- Coordinate and facilitate public participation activities
- Compilation of technical environmental documents, programmes and reports;
- Authority consultation
- Client liaison

Value of Project:

R 1 200 000

Location:

Kendal, Mpumalanga

Project duration & year:

February 2009

Client:

Shanduka Coal

Name of Project:

Lakeside and Leeuwfontein Colliery

Project Description:

Environmental Impact Assessment and Environmental Management Programme for new opencast mining operations at Lakeside and Leeuwfontein Colliery

Job Title and Duties:

Environmental Project Manager

- Project coordination and management
- Coordination and management of multi-disciplinary specialists
- Coordinate and facilitate public participation activities
- Compilation of technical environmental documents, programmes and reports;
- Authority consultation
- Client liaison

Value of Project:

R 1 200 000

Location:

Middelburg, Mpumalanga

Project duration & year:

February 2009

Client:

Shanduka Coal

Name of Project:

Middelburg Townlands Colliery

Project Description:

Environmental Impact Assessment and Environmental Management Programme for new opencast mining operation at Middelburg Townlands Colliery

Job Title and Duties:

Environmental Project Manager

- Project coordination and management
- Coordination and management of multi-disciplinary specialists
- Coordinate and facilitate public participation activities
- Compilation of technical environmental documents, programmes and reports;
- Authority consultation
- Client liaison

Value of Project:

R 1 500 000

Location:

Middelburg, Mpumalanga

Project duration & year:

March 2008

Client:

Londani Coal

Name of Project:

Nndanganeni Colliery

Selma Nel

Principal Scientist

Key Experience:

Project Description:

Job Title and Duties:

Value of Project:

Location:

Project duration & year:

Client:

Name of Project:

Project Description:

Job Title and Duties:

Value of Project:

Project Management: Impact Assessment Projects

Environmental Impact Assessment and Environmental Management

Programme for the new Nndanganeni Colliery

Environmental Scientist - Project Manager

- Project coordination and management
- Coordination and management of multi-disciplinary specialists
- Coordinate and facilitate public participation activities
- Compilation of technical environmental documents, programmes and reports;
- Authority consultation
- Client liaison

R 1 200 000

Delmas, Mpumalanga

November 2007

Umthombo Resources

Schoongezicht Colliery

Environmental Impact Assessment and Environmental Management

Programme for the new Schoongezicht Colliery

Environmental Scientist - Project Manager

- Project coordination and management
- Compilation of technical environmental documents, programmes and reports;
- Coordination and management of multi-disciplinary specialists
- Coordinate and facilitate public participation activities
- Authority consultation
- Client liaison

R 950 000

Key Experience:

Project Coordinator: Impact Assessment Projects

Location:

Project duration & year:

Client:

Name of Project:

Project Description:

Job Title and Duties:

Value of Project:

Kriel, Mpumalanga

March 2013

Eskom

Kriel and Matla Power Stations Integrated Water and Waste Management Programmes

Compilation of Kriel and Matla Power Stations Integrated Water and Waste Management Programmes in accordance with the National Water Act, Act 36 of 1998, requirements.

Environmental Scientist – Project Coordinator and Assisting Project Manager

- Environmental and Water Site Assessor and Advisor
- Compilation of technical programmes
- Client liaison

R 380 000

Location:

Project duration & year:

Client:

Name of Project:

Marikana, North West

January 2011

Aquarius Platinum South Africa

Environmental Authorisation for the Marikana Open Pit Rehabilitation and Surface Tailings Storage Facility

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Key Experience:

Project Description:

Project Coordinator: Impact Assessment Projects

Environmental Impact Assessment and Environmental Management Programme for the Marikana Open Pit Rehabilitation and Surface Tailings Storage Facility

Job Title and Duties:

Environmental Scientist – assisting project manager

- Coordination and management of multi-disciplinary specialists
- Site selection assessment input
- Coordinate and facilitate public participation activities
- Compilation of technical environmental documents, programmes and reports
- Authority consultation
- Client liaison

Value of Project:

R 5 000 000

Location:

Mafikeng, Limpopo

Project duration & year:

June 2008

Client:

Bigen Africa

Name of Project:

Maandagshoek Road Upgrade

Project Description:

Environmental Impact Assessment and Environmental Management Programme for the Maandagshoek Road Upgrade

Job Title and Duties:

Environmental Scientist – assisting project manager

- Project coordination and management
- Authority consultation
- Client liaison
- Compilation of technical environmental documents, programmes and reports

Value of Project:

R 350 000

Location:

Mokopane, Limpopo

Project duration & year:

February 2008

Client:

Londmin Akanani Platinum Mine

Name of Project:

Lonmin Akanani Platinum Mine – Mine Facilities Site Selection

Project Description:

Site Selection for Mine Facilities

Job Title and Duties:

Environmental Scientist

- Coordination and management of multi-disciplinary specialists
- Site selection assessment
- Compilation of technical environmental documents, programmes and reports
- Client liaison

Value of Project:

R 280 000

Key Experience:

Environmental Advisory Projects

Location:

Lebowakgomo, Limpopo

Project duration & year:

January 2018, 3 months

Client:

DRA Global

Name of Project:

Baobab Mine Pilot Crusher Plant Environmental Protection and Response Plan

Project Description:

Development of the construction phase's Environmental Protection and Response Plan in respect of Baobab Mine Pilot Crusher Plant

Job Title and Duties:

Senior Environmental Scientist – Project Manager

- Compilation of an Environmental Protection and Response Plan

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Key Experience: Environmental Advisory Projects

Value of Project:	R 380 000
Location:	Steelpoort, Limpopo
Project duration & year:	2016-2017
Client:	Anglo American Platinum: Der Brochen Mine
Name of Project:	Execution of the approved Der Brochen Project EMPr
Project Description:	Providing environmental advice in terms of the execution of the approved Der Brochen Project EMPr, with specific reference to the tailings storage facility
Job Title and Duties:	Environmental Advisor and Environmental Control Officer <ul style="list-style-type: none"> • Compilation of environmental and social execution procedures • Conducting site inspections and environmental audits against EMPr
Value of Project:	n/a
Location:	Mokopane, Limpopo
Project duration & year:	2016-2017
Client:	Anglo American Platinum – Mogalakwena Platinum Mine
Name of Project:	Blinkwater Tailings Storage Facility Expansion
Project Description:	Pre-feasibility assessment of the proposed Blinkwater Tailings Storage Facility Expansion Project
Job Title and Duties:	Senior Environmental Scientist – Environmental Advisor <ul style="list-style-type: none"> • Technical review of project against current environmental related legislation • Compilation of technical environmental documents
Value of Project:	n/a
Location:	Johannesburg, Gauteng
Project duration & year:	October 2016
Client:	Amalgamated Beverage Industries
Name of Project:	Community Water Initiatives towards the aid of the Water Crisis
Project Description:	Identify and develop implementation plan for community water initiatives in aid of the water crisis
Job Title and Duties:	Senior Environmental Scientist – Environmental Advisor <ul style="list-style-type: none"> • Identify and develop community initiatives implementation plan • Trade off study inputs • Compilation of technical environmental documents • Client liaison
Value of Project:	n/a
Location:	Richards Bay, KwaZulu Natal Province
Project duration & year:	August 2015
Client:	Elegant Line Chemicals (Pty) Ltd
Name of Project:	Pre-feasibility assessment of a proposed Chlor-alkali Plant
Project Description:	Chlor-alkali Plant Pre-feasibility Study and guidelines for preparation of Feasibility Study
Job Title and Duties:	Senior Environmental Scientist – Environmental Advisor <ul style="list-style-type: none"> • Technical review of project against current environmental related legislation • Compilation of technical environmental documents
Value of Project:	n/a

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Key Experience: Audits, ECO and Due Diligence Projects

- Location: Steelpoort, Limpopo
 Project duration & year: June 2017 - Current
 Client: Anglo American Platinum – Der Brochen Project
 Name of Project: Mareesburg Tailings Storage Facility
 Project Description: Execution of the Mareesburg Tailings Storage Facility
 Job Title and Duties: Senior Environmental Scientist
- Environmental Control Officer during construction phase
- Value of Project: R 280 000
-
- Location: Mokopane, Limpopo
 Project duration & year: July 2014, Sept 2015, Nov 2016, Oct 2017 & Nov 2018
 Client: Anglo American Platinum – Mogalakwena Mine
 Name of Project: Annual External Performance Assessment on Mogalakwena Mine's EMP's
 Project Description: External EMP's Performance and Compliance assessment of Mogalakwena Mine
 Job Title and Duties: Senior Environmental Scientist - Lead Auditor
- Project coordination and management
 - Environmental compliance audit in terms of NEMA, MPRDA and NEM:WA
 - Training and mentoring
- Value of Project: R 200 000
-
- Location: Middelburg, Mpumalanga
 Project duration & year: May 2016
 Client: Clewer Sand and Stone Quarry
 Name of Project: EMP's Compliance Audit of Clewer Sand and Stone Quarry
 Project Description: EMP's Compliance Audit of Clewer Sand and Stone Quarry as part of the quarry's mining right renewal process
 Job Title and Duties: Environmental Scientist – Lead Auditor
- Compliance audit in terms of the NWA
 - Compilation of report on audit findings
- Value of Project: R 128 000
-
- Location: Phalaborwa, Limpopo
 Project duration & year: May 2012
 Client: Rio Tinto
 Name of Project: Palabora Mining Company - Water Use License Compliance Audit
 Project Description: Water Use License Compliance Audit
 Job Title and Duties: Environmental Scientist – Assisting Auditor
- Project coordination and management
 - Environmental compliance audit in terms of MPRDA
 - Compilation of report on audit findings
- Value of Project: R 128 000
-
- Location: Rustenburg, North West
 Project duration & year: February 2012
 Client: Royal Bafokeng Platinum
 Name of Project: Styldrift & Frischgewaagd Mines - Prospecting EMP's Compliance Audit
 Project Description: External Prospecting Right EMP's Compliance Audit
 Job Title and Duties: Environmental Scientist - Lead Auditor
- Project coordination and management

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Key Experience: Audits, ECO and Due Diligence Projects

- Environmental compliance audit in terms of MPRDA
- Training and mentoring

Value of Project: R 280 000

Location: Kroondal, North West

Project duration & year: October 2011

Client: Aquarius Platinum South Africa

Name of Project: Kroondal and K5 Water Use License Audit

Project Description: Water Use License Compliance Audit

Job Title and Duties: Environmental Scientist - Assisting Auditor

- Compliance audit in terms of the NWA
- Compilation of report on audit findings

Value of Project: R 400 000

Location: Roosenekal, Mpumalanga Province

Project duration & year: July 2011

Client: Aquarius Platinum South Africa

Name of Project: Walhalla and Chieftains Plain –Prospecting EMPr audit and consolidation under MPRDA

Project Description: Amendment of Prospecting EMP under MPRDA

Job Title and Duties: Environmental Scientist – Project Coordinator

- Project coordination and management
- Environmental compliance audit in terms of MPRDA
- Compilation of technical environmental documents, programmes and reports;
- Coordinate and facilitate public participation activities
- Client liaison

Value of Project: R 350 000

Location: Lydenburg & Delmas (Mpumalanga) & Bronkhortspruit (Gauteng)

Project duration & year: November 2010

Client: Aquarius Platinum South Africa

Name of Project: AQPSA Prospecting EMPs Compliance Audit

Project Description: External Prospecting Right EMPs Compliance Audit

Job Title and Duties: Environmental Scientist - Auditor

- Project coordination and management
- Environmental compliance audit in terms of MPRDA
- Compilation of report on audit findings

Value of Project: R 400 000

Location: Cairo, Egypt, Africa

Project duration & year: February 2010

Client: Cadbury Africa

Name of Project: Cadbury Africa: Health, Safety and Environmental Audit

Project Description: Health, Safety and Environmental Audit

Job Title and Duties: Environmental Scientist – Assisting Auditor

- Compliance audit in terms company procedures, international standards and relevant legislation
- Compilation of report on audit findings

Value of Project: R 600 000

Location: Tanzania, Africa

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Key Experience: Audits, ECO and Due Diligence Projects

Project duration & year: January 2010
 Client: RSK
 Name of Project: ETANA BP Environmental Site Assessment and Vendor Due Diligence
 Project Description: Environmental Site Assessment and Vendor Due Diligence
 Job Title and Duties: Environmental Scientist

- Project coordination and management
- Compilation of technical environmental documents and reports;
- Client liaison

Value of Project: R 3 800 000

Key Experience: Bio-monitoring Projects

Location: Steelpoort, Mpumalanga
 Project duration & year: Since July 2017
 Client: Anglo American Platinum: Twickenham Mine
 Name of Project: Twickenham Mine: Bio-monitoring and Toxicity monitoring programme
 Project Description: Biannual Bio-monitoring and toxicity sampling in and around the Twickenham Mine Complex (Motse & Moopetsi Rivers)
 Job Title and Duties: SASS Practitioner – Project manager

- Project coordination and management
- Bio-monitoring
 - Training and mentoring
 - Conducting aquatic invertebrate and habitat assessment surveys
 - Conducting aquatic invertebrate, habitat assessment and toxicity surveys
- Compilation of report on findings

Value of Project: R 120 000

Location: Witriver, Mpumalanga
 Project duration & year: Since February 2013
 Client: Sonae Novoboard
 Name of Project: Sonae Novoboard: Bio-monitoring
 Project Description: Biannual Bio-monitoring (Tributary of the Sand River)
 Job Title and Duties: SASS Practitioner – Project manager

- Project coordination and management
- Bio-monitoring
 - Training and mentoring
 - Conducting aquatic invertebrate and habitat assessment surveys
 - Conducting aquatic invertebrate, habitat assessment and toxicity surveys
- Compilation of report on findings

Value of Project: R 120 000

Location: Steelpoort, Limpopo
 Project duration & year: Since July 2011
 Client: Impala Platinum's Marula Mine
 Name of Project: Marula Platinum Mine's: Bio-monitoring
 Project Description: Biannual Bio-monitoring (Moopetse & Tshwenyane Rivers)
 Job Title and Duties: SASS Practitioner – Project manager

- Project coordination and management
- Bio-monitoring
 - Training and mentoring

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Key Experience:

Bio-monitoring Projects

- Conducting aquatic invertebrate and habitat assessment surveys
- Conducting aquatic invertebrate, habitat assessment and toxicity surveys

- Compilation of report on findings

Value of Project: R 140 000

Location: Bethal, Mpumalanga

Project duration & year: June 2009 till Oct 2010

Client: Total Coal

Name of Project: Total Coal Springbok Siding: Bio-monitoring

Project Description: Biannual Bio-monitoring (Tributaries of the Olifants River)

Job Title and Duties: SASS Practitioner – Project manager

- Project coordination and management
- Bio-monitoring
 - Training and mentoring
 - Conducting aquatic invertebrate and habitat assessment surveys
 - Conducting aquatic invertebrate, habitat assessment and toxicity surveys
- Compilation of report on findings

Value of Project: R 62 000

Location: Bethal, Mpumalanga

Project duration & year: June 2009 till Oct 2010

Client: Total Coal

Name of Project: Total Coal Forzando Coal Mine: Olifants River Bio-monitoring

Project Description: Biannual Bio-monitoring (Olifants River and tributaries)

Job Title and Duties: SASS Practitioner – Project manager

- Project coordination and management
- Bio-monitoring
 - Training and mentoring
 - Conducting aquatic invertebrate and habitat assessment surveys
 - Conducting aquatic invertebrate, habitat assessment and toxicity surveys
- Compilation of report on findings

Value of Project: R 62 000

Location: Kriel, Mpumalanga

Project duration & year: June 2009 till Oct 2010

Client: Total Coal

Name of Project: Total Coal Dorstfontein East Coal Mine: Olifants River Bio-monitoring

Project Description: Biannual Bio-monitoring

Job Title and Duties: SASS Practitioner – Project manager

- Project coordination and management
- Bio-monitoring
 - Training and mentoring
 - Conducting aquatic invertebrate and habitat assessment surveys
 - Conducting aquatic invertebrate, habitat assessment and toxicity surveys
- Compilation of report on findings

Value of Project: R 62 000

Location: Mtubatuba, Kwa-Zulu Natal

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Key Experience: Bio-monitoring Projects

Project duration & year:	December 2009
Client:	Tendele Coal
Name of Project:	Teldele Somkele Mine: Bio-monitoring - Umfolozi, Kwaluhlanga and Nkolokotho Rivers.
Project Description:	Biannual Bio-monitoring
Job Title and Duties:	<p>SASS Practitioner – Project manager</p> <ul style="list-style-type: none">• Project coordination and management• Bio-monitoring<ul style="list-style-type: none">○ Conducting aquatic invertebrate and habitat assessment surveys○ Conducting aquatic invertebrate, habitat assessment and toxicity surveys• Compilation of report on findings
Value of Project:	R 52 000
Location:	Pilgrims Rest, Limpopo
Project duration & year:	February 2009
Client:	Assmang
Name of Project:	Assmang Dwars River Chrome Mine: Groot Dwars River Bio-monitoring
Project Description:	Summer Survey Bio-monitoring Blyde River
Job Title and Duties:	<p>SASS Practitioner Specialist</p> <ul style="list-style-type: none">• Project coordination and management• Bio-monitoring<ul style="list-style-type: none">○ Conducting aquatic invertebrate and habitat assessment surveys○ Conducting aquatic invertebrate, habitat assessment and toxicity surveys• Compilation of report on findings
Value of Project:	R 20 000