

## CURRICULUM VITAE

Murchellin Saal  
139 Altena Road  
Strand  
7140  
Tel: 021 8512673 (w)  
Cell: 076 792 6327  
E- MAIL: [Murchellin.s@greenmined.co.za](mailto:Murchellin.s@greenmined.co.za)

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## EMPLOYMENT HISTORY

<b>Date</b>	<b>Company</b>	<b>Position</b>
January 2005 – November 2007	WP Fresh Distributors	Office Clerk/ Personal Assistant
<b>Description of Experience</b>	<ul style="list-style-type: none"><li>• answering calls, taking messages and handling correspondence.</li><li>• maintaining diaries and arranging appointments.</li><li>• typing, preparing, and collating reports.</li><li>• Filing and organising and servicing meetings (producing agendas and taking minutes)</li><li>• managing databases.</li><li>• prioritising workloads and upkeep of schedules</li></ul>	
December 2007- December 2008	Armilla/ Miglio	Stock Controller
<b>Description of Experience</b>	<ul style="list-style-type: none"><li>• Receive deliveries and conduct quality checks of incoming goods</li><li>• Manage and process all purchasing orders</li><li>• Oversee purchases and pricing reports</li><li>• Monitoring shipments and internal transfers between departments.</li></ul>	
March 2010-2015	Enviroworks	Personal Assistant, GIS Technician and office management
<b>Description of Experience</b>	<ul style="list-style-type: none"><li>• answering calls, taking messages and handling correspondence.</li><li>• maintaining diaries and arranging appointments.</li><li>• typing, preparing, and collating reports.</li><li>• Filing and organising and servicing meetings (producing agendas and taking minutes)</li><li>• managing databases.</li><li>• prioritising workloads.</li><li>• GIS Map Making,</li><li>• ArchGIS Mapping</li><li>• Public participation processes,</li></ul>	

	<ul style="list-style-type: none"> <li>• ECO Monitoring and</li> <li>• Water use applications</li> <li>• Dust monitoring and</li> <li>• Environmental Impact Assessments (Basic Assessments Reports)</li> </ul>	
August 2015 – Current	Greenmined Environmental	Environmental Project Consultant
<b>Description of Experience</b>	<ul style="list-style-type: none"> <li>• Environmental Management Programs</li> <li>• Environmental Impact Assessments (Basic Assessments and Full EIA's)</li> <li>• Compliance Monitoring</li> <li>• ECO Monitoring</li> <li>• Closure Applications</li> <li>• Financial Quantums</li> <li>• GIS – Drawing locality and site maps for applications using planet GIS.</li> <li>• Public participation processes during projects</li> <li>• Applications for mining authorisation, water use authorizations and waste disposal permits.</li> <li>• Liaise with authorities</li> <li>• Applications for mining authorization, water use authorizations and waste disposal permits.</li> <li>• Water Use Authorizations</li> <li>• Water use license processes including the following:</li> <li>• Consultation with applicants</li> <li>• Managing water use applications</li> <li>• Compiling Waste Water Management Plans</li> <li>• IWWMP</li> <li>• Water use Licence Application Reports</li> <li>• EWULAAS administration online submission</li> <li>• Project Management of several projects</li> <li>• Liaising with clients</li> </ul>	

## **EDUCATION/QUALIFICATIONS**

<b>Institution and Qualification</b>	<b>Year</b>
High School Certificate	2001
Creative Minds – Computer Diploma: Introduction to computer Word, Excel, Outlook, Access, Win98 and Google earth	2002

Ipw Training: Principals and Application of Integrated Production of Wine Principles and Application of IPW	2013
Water Standards Training	2014
ArcGIS 1 and ArchGIS 2	2015
Dust and Noise Monitoring	2016
Health and Safety	2016
SAGIC Invasive Species Training	2017
Planet GIS	2017
EAPASA REGISTERED	2021/4203

### **LANGUAGE SKILLS**

<b>Language</b>	<b>Read</b>	<b>Speak</b>	<b>Write</b>
Afrikaans	Good	Good	Good
English	Good	Good	Good

### **PERSONAL DETAILS**

Surname: Saal  
 First Name: Murchellin  
 Date of Birth: 04 May 1983  
 ID Number: 8305040185089  
 Nationality: South African  
 Eapasa Registration: 2021/4203

### **PERSONAL ABILITIES**

Trustworthy, hardworking, and loyal  
 Good communication skills and strong interpersonal abilities,  
 Problem solver  
 Verbal and Written communication

### **REFERENCES**

#### **WP Fresh:**

Name: Mr. Anton Van Blommestein  
 Position: Director of WP Fresh Distributors (Pty) Ltd  
 Address: 15 Termo Ln, 15 On Termo Building, 1st Floor, Techno Park,  
 Stellenbosch, 7140  
 Telephone: 021 880 1310

#### **Armilla/Miglio**

Name: Mrs Tania Mains

Position: Manager: Armilla/Miglio  
Address: Gants Centre, Somerset West  
Telephone: 061 423 4175

**Enviroworks**

Name: Me. Elbi Bredenkamp  
Position: Director of Enviroworks  
Address: 54 Eeufees Road, Bloemfontein, 9301  
Telephone: 082 562 4134

**Greenmined - current**

Name: Mrs Sonette Smit  
Position: Director of Greenmined Environmental  
Address: Paardevlei, Somerset West  
Telephone: 084 585 5706

**RELEVANT EXPERIENCE:**

I have been involved with the following EIA related projects since 2015:  
Water Use authorisations including all related processes  
(Registration, General Authorisation, Licensing, Water Quality monitoring) 12 years' experience  
General EIA processes, ECO monitoring and Compliance monitoring  
(See Project List) 12 years' experience  
Mining Authorisations (Mining Permits, Rights and Renewals) 8 years' experience  
GIS and Map making 12 years' experience  
Public Participation Processes 12 years' experience  
Project Management 3 years' experience

## **PROOF OF EXPERIENCE LIST**

<b>Water use Applications</b>		
Tombo – General Authorization	Raubex Kzn Pty Ltd	Kwa Zulu Natal
Eteza 1– General Authorization	Raubex Kzn Pty Ltd	Kwa Zulu Natal
Eteza 2– General Authorization	Raubex Kzn Pty Ltd	Kwa Zulu Natal
Ladysmith	Raubex Kzn Pty Ltd	Kwa Zulu Natal
Naaz Quarry	Inzalo Pty Ltd	Kwazulu Natal
Rosslyn Quarry – General Authorisation	Raumix Aggregates Pty Ltd	Gauteng
Rossway Quarry – General Authorisation	Raumix Aggregates Pty Ltd	Gauteng
Willow Quarry – General Authrosation	Raumix Aggregates Pty Ltd	Gauteng
Queenstown Quarry – General Authrosation	Raumix Aggregates Pty Ltd	Eastern Cape
Petra Quarry – General Authorisation	Raumix Aggregates Pty Ltd	Free State
Yomba – General Authorisation	Yomba Umgodi Supplies Pty Ltd	Eastern Cape
Butterworth Quarry – General Authorisation	Transkei Quarries Pty Ltd	Eastern Cape
Mthata Quarry – General Authorisation	Transkei Quarries Pty Ltd	Eastern Cape
Swart Kei – General Authorisation	Roadmac Surfacing Cape Pty Ltd	Eastern Cape
Klas Smits- General Authorisation	Roadmac Surfacing Cape Pty Ltd	Eastern Cape
Kersfontein – General Authorisation	Sph Kundalila Pty Ltd	Western Cape
Parys- – General Authorisation	Sph Kundalila Pty Ltd	Gauteng
WSP Potchefstroom – Water use Licence	Ekuruleni Metropolitan Council	Gauteng
Wouterspan – Water use Licence	Wouterspan Boerdery Pty Ltd	Northern Cape
Zandberg 1– Water use Licence	Zandberg Sandput Pty Ltd	Western Cape
Zandberg 2– Water use Licence	Zandberg Sandput Pty Ltd	Western Cape
Doornekraal Malmesbury – Water use Licence	Purple Rain Properties 411 Pty Ltd	Western Cape
De Klerkskraal 1– Water use Licence	Blazecor 226 CC	Free State
De Klerkskraal 2– Water use Licence	Vengablox	Free State
Koppiesvlei – General Authorisation	Blazecor 226 CC	Free State

Louterbronnen- General Authorisation	Blazecor 226 CC	Free State
Denver Quarry – Water Use Licence	Afrimat Aggregates Eastern Cape Pty Ltd	Eastern Cape
Smalblaar Quarry – General Authorisation	Afrimat Aggregates Operations Pty Ltd	Western Cape
Brewelskloof Quarry – General Authorisation	Afrimat Aggregates Operations Pty Ltd	Western Cape
Vlakfontein Quarry- Water Use Licence	Afrimat Aggregates Operations Pty Ltd	Western Cape
Stanford Quarry – Water use Licence	Afrimat Aggregates Operations Pty Ltd	Western Cape
Dukathole – Water use Licence	Cholla Pty/ Dukathole Steenwerke cc	Queenstown?
Akkermanskraal – Water use Licence	Yellowwood trust	Eastern Cape
Blue Rock Quarry – General Authorisation	Lafarge Mining South Africa Pty ltd	Eastern Cape
Komatipoort – General Authorisation	Lafarge Mining South Africa Pty ltd	Mpumalanga
Machadadorp- General Authorisation	Lafarge Mining South Africa Pty ltd	Mpumalanga
Mitsu- General Authorisation	Mitsu Development Cc	Eastern Cape
Farm Uitenpass – General Authorisation	Raubex Construction Pty Ltd	Limpopo
Farm Uitenpass – Water Transfer	Raubex Construction Pty Ltd	Limpopo
Tovey- Water Transfer	Raubex Construction Pty Ltd	Limpopo
Wimpy Quarry 1 - Water use Licence	B&E International Pty Ltd	Northern Cape
Wimpy Quarry 2 - Water use Licence	B&E International Pty Ltd	Northern Cape
Howards Quarry - General Authorisation	B&E International Pty Ltd	Mpumalanga
DFA Water Use License (147)	Dark Fibre Africa	Western Cape
Wisteria 1	Wisteria Boerdery Pty Ltd	Western Cape
Wisteria 2	Wisteria Boerdery Pty Ltd	Western Cape
Wisteria 3	Wisteria Boerdery Pty Ltd	Western Cape
Lichtenburg Plant	Lafarge Industries Pty Ltd	North West
Wisteria Transfer	Wisteria Boerdery Pty Ltd	Western Cape
Lichtenburg Tswana Quarry	Lafarge Mining South Africa Pty Ltd	North West
<b>Mining Permit/ Right / Prospecting Authorisations/ EMPr</b>		
Mining authorization for sand and gravel mining	Virtigo Properties 33 (Pty) Ltd	Western Cape
Assisted - Prospecting of Diamonds	Wouterspan Boerdery (Pty) Ltd	Northern Cape
Assisted - Mining authorization for sand mining	Blazecor 226 CC	Free State

Assisted - Mining of Aggregate	Vengablox (Pty) Ltd	Free State
Section 102, Mining authorization for sand mining	Blazecor 226 CC	Free State
Mining authorization for dolerite, Beaufort West	Ottermist Pty ltd	Western Cape
Gordonia Prospecting right	African exploration mining and finance corporation soc ltd	Northern Cape
Rhenosterkop Mining permit-Gravel	Otter Mist Trading 1057 (Pty) Ltd	Western Cape
Service station and associated infrastructure on erf 10180	Infrastructure Consulting Engineers	Western Cape
<b>Environmental Compliance Monitoring</b>		
Environmental compliance monitoring- Doornekraal	Virtigo Properties 33 (Pty) Ltd	Western Cape
Environmental compliance monitoring Doornkraal	Purple Rain Properties No. 411 Limited	Western Cape
Environmental compliance monitoring- Klaas Voogds	CP Concrete Pty Ltd	Western Cape
Environmental compliance monitoring- Zandberg	Zandberg Sandput (Pty) Ltd	Western Cape
Environmental compliance monitoring - Koppiesvlei	Blazecor 226 CC	Free State
Environmental compliance monitoring- De Klerkskraal	Vengablox (Pty) Ltd	Free State
Environmental compliance monitoring- Louterbronnen	Blazecor 226 CC	Free State
Environmental compliance monitoring- Dukathole	Dukathole Brickworks Queenstown	Eastern Cape
Environmental compliance monitoring -Aroams	SPH Kundalila (Pty) Ltd	Northern Cape
Environmental compliance monitoring - Aroams	Lime Sales Ltd	Northern Cape
Bridgetown Mining right compliance	Lime Sales Ltd	Western Cape
Environmental compliance monitoring – Portland Quarry	National Asphalt (Pty) Ltd	Western Cape
Environmental compliance monitoring – Goedemoed Service Station	Infrastructure Consulting Engineers	Western Cape
Kersfontein 1 &2	SPH Kundalila (Pty) Ltd	Western Cape
Bridgetown Quarry	Lime Sales (Pty) Ltd	Western Cape
Naaz Quarry	Inzalo Pty Ltd	Kwazulu Natal
Environmental compliance monitoring – Steinkopf	Namli Exploration and Mining (Pty) Ltd	Northern Cape
Tierkloof Sand Mine 1	Smit Ingenieurswerke & Transport CC	Western Cape
Tierkloof Sand Mine 2	Smit Grondwerke (Pty) Ltd	Western Cape
<b>Closure Applications</b>		
Koppiesvlei	Blazecor 226 CC	Free State

Whittlesea	Mr. Hayes	Eastern Cape
Tierkloof sand mine 1	Smit Ingeneurswerke Pty Ltd	Western Cape
Drieheuwels	Blue Falcon 94 Trading (Pty) Ltd	Western Cape
<b>Fallout dust monitoring</b>		
Doornekraal	Virtigo Properties 33 (Pty) Ltd	Western Cape
De Klerkskraal	Blazecor 226 CC	Free State
Koppiesvlei	Blazecor 226 CC	Free State
louterbronnen	Vengablox (Pty) Ltd	Free State
Doornekraal	Purple Rain Properties No. 411 Limited	Western Cape
Kersfontein 1&2	SPH Kundalila (Pty) Ltd	Western Cape
Klaas Voogds	CP Concrete Pty Ltd	Western Cape
Zandberg	Zandberg Sandput (Pty) Ltd	Western Cape
Dukathole	Cholla Pty/ Dukathole Steenwerke cc	Eastern Cape
Aroams	SPH Kundalila (Pty) Ltd	Northern Cape
Aroams	Lime Sales Ltd	Northern Cape
<b>Project Management</b>		
Thandisizwe Farm	B&E International Pty Ltd	Kwazulu Natal
RAC	Canyon Coal	Kwazulu Natal
Elandspruit Quarry - Wula	Inzalo crushing Pty Ltd	Kwazulu Natal
Naaz Quarry Wula	Inzalo crushing Pty Ltd	Kwazulu Natal
Zandberg Sand mine WULA		Western Cape
Lichtenburg plant IWWMP - Wula	Lafarge industries Pty Ltd	North West
Tswana Quarry IWWMP - Wula	Lafarge Mining Pty Ltd	North West
Gordonia WULA	African exploration mining and finance corporation soc ltd	Northern Cape
Kambreek WULA	African exploration mining and finance corporation soc ltd	Northern Cape
Kenhart WULA	African exploration mining and finance corporation soc ltd	Northern Cape
Niagara WULA	World Focus 1143 CC	Eastern Cape
Rhenosterkop WULA	Otter Mist Trading 1057 (Pty) Ltd	Western Cape
Umdloti WULA	Raubex Construction (Pty) ltd	Kwazulu Natal
Monastery Mine WULA	MONASTERY MINE (PTY) LTD	Mpumalanga
<b>PLANT PERMIT APPLICATIONS</b>		
Aroams 1	Lime Sales Ltd	Northern Cape
Aroams 2	Lime Sales Ltd	Northern Cape
Steinkopf	Namli Exploration and Mining (Pty) Ltd	Northern Cape



*Integrated Production  
of Wine*

*Geïntegreerde Produksie  
van Wyn*

**M Saal**

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is opgelei in die / has been trained in the

**BEGINSELS EN TOEPASSING VAN IPW  
PRINCIPLES AND APPLICATION OF IPW**

vir die Plaas en Kelder / for the Farm and Cellar

**Ter erkenning daarvan word hierdie sertifikaat toegeken  
In recognition thereof this certificate is awarded**

deur / by:

**DIE WYN- EN SPIRITUSRAAD / THE WINE AND SPIRIT BOARD**

2 Augustus 2012

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DATUM / DATE

A handwritten signature in black ink, appearing to read 'Deur', is written over a horizontal line.

IPW BESTURDER / MANAGER

# Certificate

This is to certify that

**Murchellin Saal**

ID Number  
8305040185089

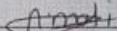
Attended

**ArcGIS I: Getting Started**


( TRN13-224 )

Date

14 Oct 2013 - 16 Oct 2013

  
Instructor

  
Manager

 **esri** South Africa

Simplifying Decisions...Making a Difference

# Certificate

This is to certify that

**Murchellin Saal**

ID Number  
8305040185089

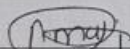
Attended

**ArcGIS II: Essential Workflows**


( TRN13-226 )

Date

21 Oct 2013 - 24 Oct 2013

  
Instructor

  
Manager

 **esri** South Africa

Simplifying Decisions...Making a Difference

# advantage a.c.t

SAFETY  
HEALTH  
ENVIRONMENT  
QUALITY



This is to certify that

**MD SAAL**

ID number

**830504 0185 089**

has successfully completed the

**MINE HEALTH & SAFETY LEGAL  
LIABILITY COURSE**

Expiry Date	N/A
Credits	N/A
Notional Hours	N/A
Certificate Number	23.05.16.178
Date of course	25 May 2016
Facilitator	C BRILL

Gordon Olivier  
General Manager

# certificate



# 2017 Invasive Species Training

## South African Green Industries Council

### Booking Form



Please fill in the booking form  
in order for us to issue you with an invoice

#### 2017 Training Dates - Invasive Species One-Day Module Courses

One-day modules on invasive species as per the National Environmental Management: Biodiversity Act (10 of 2004) and the Alien & Invasive Species Regulations.

#### Four modules offered...

- Module 1: Identification & Legislation (Day 1)**  
Learn to identify the basic invasive species, categories and legislation
- Module 2: Directives & Control Plans (Day 2)**  
How to manage declarations, permits, pre-directives, directives and control plans
- Module 3: Theory: Herbicides & Control Methods (Day 3)**  
Introduction to herbicides and how to use them
- Module 4: Practical: Spraying Herbicides (Day 4)**  
A practical learning experience in the field with industry experts.
- Complete Module 3 & Module 4 – and receive an official Herbicide Operator's Certificate

#### 2017 Dates

**Cape Town**  
4, 5, 6 & 7 April

**Durban**  
9, 10, 11 & 12 May

**Johannesburg**  
6, 7, 8 & 9 June

**Pretoria**  
18, 19, 20 & 21 July

**Times:**  
09h00 – 16h00 (Module 1, 2 & 3)  
09h00 – 14h00 (Module 4)

**Cost per module:** R800 (Excl. VAT)  
R912 (Incl. VAT)

#### Your Information

Your Name:	Murchellin Saal	
Organisation:	Greenmined Environmental (Pty) Ltd	
Email:	murchellin.s@greenmined.co.za	
Cell:	0799798766	
Where do you live?	City: Cape Town	Suburb: Somerset West

#### I will be attending the following modules at this venue

Town Venue (eg Pretoria)	Module 1		Module 2		Cost	
Cape Town	YES	<input checked="" type="checkbox"/>	YES	<input checked="" type="checkbox"/>	Subtotal:	R3200.00
	Module 3		Module 4		VAT 14%:	R448.00
	YES	<input checked="" type="checkbox"/>	YES	<input checked="" type="checkbox"/>	TOTAL:	R3648.00

For more info, contact Hazel or Kay at  
info@invasives.org.za or call 011 723 9000

Email your fillable pdf form to Hazel at info@invasives.org.za  
Please use your name and invoice number as your EFT payment reference.

No entry without payment to: Beneficiary: Kay Montgomery Editorial Services (Pty) Ltd  
Nedbank, Business East Rand; Branch Number: 128 842. Account No: 1288 039 980

[www.invasives.org.za](http://www.invasives.org.za)

[www.sagic.co.za](http://www.sagic.co.za)

# OFFICIAL DOCUMENTATION



**Murchellin Saal**  
**830504 0185 089**



The person mentioned has received formal instruction and training on the subject of  
Environmental Monitoring – Fallout Dust

**Training Dates: 13, 14, and 15 June 2017 (3 Day Course)**

**Synopsis of Training - Practical 1 Day:**

Changing DustWatch buckets; Basic operational use of the DustWatch units; Filtering water from the buckets and collecting the dust on filters.

**Synopsis of Training - Theoretical 2 Days:**

What is fallout dust and how to collect it; settling velocity and shape of dust particles; Understand how to calculate the fallout dust monitoring results in mg/m<sup>2</sup>/day and how to interpret these results; Trace element analysis; South African legislation interpretation. Report writing and interpretation of results.

Gerry F. Kuhn  
FMVS, MSAIOH,  
Grad SE

**DUSTWATCH**  
Dust Monitoring Specialists

Trained By DustWatch CC  
www.dustwatch.com  
info@dustwatch.com

Chris Loans  
BSc Chemical Eng  
Pr Eng

# CERTIFICATE of Competence.



Presented to:

*Murchellin Saal*

830504 0185 089

Having successfully met the standards required for

**Herbicide Applicator - Noxious Weeds**

Unit Standard: 123134

2017/04/07

Presented by:

**Invader Plant Specialists® (Pty) Ltd**  
FP & M SETA Registration: 55-58-111115



G. B. Harding

Certificate number

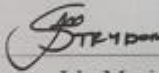
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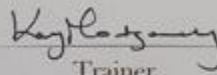
## SAGIC Invasive Species Training

This serves to notify that

**Murchellin Saal**

has attended the South African Green Industries Council (SAGIC)  
Invasive Species Training: Module 1: Identification & Legislation

  
Chairman: Ida-Marie Strydom

  
Trainer

Training date: 04/04/17

Expiry date: 04/04/20



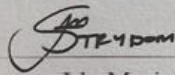
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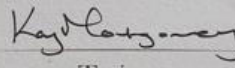
## SAGIC Invasive Species Training

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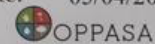
has attended the South African Green Industries Council (SAGIC)  
Invasive Species Training: Module 2: Permits, Directives and Control Plans

  
Chairman: Ida-Marie Strydom

  
Trainer

Training date: 05/04/17

Expiry date: 05/04/20



No: SAWC 5044

## SAGIC Invasive Species Training

This serves to notify that

**Murchellin Saal**

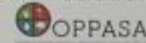
has attended the South African Green Industries Council (SAGIC)  
Invasive Species Training: Module 3: Introduction to Herbicides and Control Methods

  
Chairman: Ida-Marie Strydom

  
Trainer

Training date: 06/04/17

Expiry date: 06/04/17



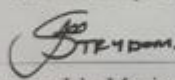
No: SAWC 5055

## SAGIC Invasive Species Training

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**Murchellin Saal**

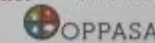
has attended the South African Green Industries Council (SAGIC)  
Invasive Species Training: Module 4: Herbicide Operator's Practical

  
Chairman: Ida-Marie Strydom

  
Trainer

Training date: 07/04/17

Expiry date: 07/04/20





**Carin Bosman**  
Sustainable Solutions

This Certificate is issued to certify that

**Murchellin Saal**

has attended a 3 day Training Course entitled

**WATER GOVERNANCE IN SOUTH AFRICA:  
IWRM, the NWA, and Water Use Authorisations,  
focusing on WULAs and IWWMPs**

held on

27-29 August 2019



**Water Institute of  
Southern Africa**

  
\_\_\_\_\_  
**Carin Bosman, Director: CBSS**

SACNASP: WISA2019-0412-000675  
EUSA: WISA2019-0412-000675



*Quality and value only for a sustainable economy*

PO Box 20432 • Grahamstown • 6170 • <http://www.dhso.co.za/training/>

**Environmental Assessment  
Practitioners Association  
of South Africa**



**Registration No. 2021/4203**

**Herewith certifies that**  
**MURCHELLIN DANIELA SAAL**  
**is registered as an**  
**Environmental Assessment Practitioner**

**Registered in accordance with the prescribed criteria of Regulation 15. (1)  
of the Section 24H Registration Authority Regulations  
(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the  
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

**Effective: 01 April 2026**

**Expires: 31 March 2027**

*Chairperson*

*Registrar*

