

## Vusi Masango

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**Subject:** FW: 585503\_NYAZA\_EIA,AEL,WML & WULA\_ INVITATION TO REGISTER, PARTICIPATE AND COMMENT  
**Attachments:** 585503\_20220420 Invitation to Register Notification Letter\_F.pdf

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**From:** Vusi Masango  
**Sent:** Wednesday, 20 April 2022 16:32  
**Subject:** 585503\_NYAZA\_EIA,AEL,WML & WULA\_ INVITATION TO REGISTER, PARTICIPATE AND COMMENT

Dear Stakeholder,

### INVITATION TO REGISTER, PARTICIPATE AND COMMENT ON THE PROCESSES

### APPLICATION FOR ENVIRONMENTAL AND WATER USE AUTHORISATIONS, WASTE MANAGEMENT AND AIR EMISSION LICENCES FOR THE PROPOSED (PHASE 2) NYANZA 80,000 tpa RUTILE PIGMENT PLANT WITHIN THE RICHARDS BAY INDUSTRIAL DEVELOPMENT ZONE 1F, KWAZULU NATAL PROVINCE

Notice is hereby given in terms of the Environmental Impact Assessment (EIA) Regulations, (as amended on 1 April 2017 and 11 June 2021, promulgated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), that Nyanza Light Metals (Pty) Ltd (Nyanza) is applying for an Environmental Authorisation (EA) and Waste Management Licence (WML) which will be submitted to the KwaZulu-Natal Department of Economic Development, Tourism & Environmental Affairs (KZN EDTEA) and Department of Forestry, Fisheries and the Environment (DFFE) respectively. Nyanza will also apply for an Air Emissions Licence (AEL) which will be submitted to the King Cetshwayo District Municipality and a Water Use Licence (WUL) which will be submitted to Department of Water and Sanitation (DWS) for the proposed 80,000 ton per annum (tpa) Rutile Pigment Plant in Richards Bay Industrial Development (RBIDZ) Zone 1F, in KwaZulu Natal Province.

*You are receiving this correspondence as a registered Interested and Affected Party on an existing database for previous environmental authorisation processes. Should you no longer wish to receive further information relating to environmental authorisation processes at **Nyanza Light Metals (Pty) Ltd (Nyanza)** and would like to be removed from the database, please notify SRK Consulting (South Africa) (Pty) Ltd via email at [VMasango@srk.co.za](mailto:VMasango@srk.co.za);*

*As of 1 July 2021, there have been some changes to the Protection of Personal Information Act 4 of 2013 (POPIA) which aims to promote protection of personal information. Should you wish to remain on the database, your information will only be used as part of the public participation process as outlined in the National Environmental Management Act (Act 107 of 1998) and Environmental Impact Assessment Regulation, 2014, as amended. This information will be securely stored and only made available to the regulatory authorities upon request. For more information please see our Privacy Policy.*

*In light of the lockdown SRK staff will be working remotely using the company's technological infrastructure and resources to ensure that work and project activities proceed as seamlessly as possible. SRK staff will continue to be responsive to client queries and requests during the lockdown period. Our preferred method of communication is email.*

Kind Regards

**Vusi Masango** *EAPASA Candidate, IAIA, BA In Environmental Management*

Environmental Consultant



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April 2022  
585503

Stakeholder,

## APPLICATION FOR ENVIRONMENTAL AND WATER USE AUTHORISATIONS, WASTE MANAGEMENT AND AIR EMISSION LICENCES FOR THE PROPOSED (PHASE 2) NYANZA 80,000 tpa RUTILE PIGMENT PLANT WITHIN THE RICHARDS BAY INDUSTRIAL DEVELOPMENT ZONE 1F, KWAZULU NATAL PROVINCE

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#### 1. Introduction

The proposed project site will have a total footprint of approximately 69 ha and will include the following sections:

- 15825 – a wetland area not to be developed;
- 16786 – largely wetland off-set area not to be developed;
- 16787;
- 16788;
- 16789 – which has a stormwater servitude of 30m on the eastern side; and
- 16817 – east of the stormwater servitude and is to be developed as a ‘green industry’ area.

The development of the project is divided into two phases which is as follows:

- Phase 1, which entails the construction and operation of a Product Testing and Development Centre (PTDC) for sample production purposes. Nyanza obtained the Environmental Authorisation (EA) for the first phase of the project (Phase 1) in February 2020, which was amended in March 2022. The AEL for Phase 1 has also been compiled and submitted to the

**Partners** R Armstrong, JS Bartels, CM Bauman, N Brien, JM Brown, LSE Coetser, CD Dalglish, BM Engelsman, R Gardiner, M Hinsch, SG Jones, W Jordaan, WC Joughin, DA Kilian, F Lake, JA Lake, NG Macfarlane, V Maharaj, I Mahomed, HAC Meintjes, MJ Morris, DH Mossop, GP Nel, VS Reddy, S Reuther, PJ Shepherd, T Shepherd, MJ Sim, VM Simposya, JS Stiff, M van Huyssteen, AT van Zyl, MD Wanless, CJ Wessels, ML Wertz, A Wood

**Directors** AJ Barrett, CD Dalglish, WC Joughin, V Maharaj, VS Reddy, T Shepherd, AT van Zyl

**Associate Partners** PJ Aucamp, T Claassen, SA de Villiers, IT Doku, M du Toit, LM Linzer, JI Mainama, RD O'Brien, LC Shand

**Consultants** JR Dixon, *PrEng*, GC Howell, *PrEng, PhD*, WC Joughin, *PrEng, MSc*, PR Labrum, *PrEng*, LM Linzer, *PrSci Nat, PhD*, SA Lorentz, *PhD*, RRW McNeill, *PrTech Eng*, HAC Meintjes, *PrEng, MSc*, PN Rosewarne, *PrSci Nat, MSc*, PE Schmidt, *B.Comm, DipAcc, CA(SA)*, AA Smithen, *PrEng, TR* Stacey, *PrEng, DSc*, PJ Terbrugge, *PrSci Nat, MSc*, HFJ Theart, *PrSci Nat, PhD*, DJ Venter, *PrTech Eng*

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King Cetshwayo District Municipality. Two buildings have been constructed as part of Phase 1, which consist of the lab, offices and a canteen.

- Phase 2 which is subject to the current applications, and will include the construction and operation of the main 80 000tpa TiO<sub>2</sub> plant.

## 2. Project Description

The current applications are for Phase 2 of the proposed project which entails:

- A Solar Plant, Water Extraction, and Bottling Plant (Green Park) which will be located on Erf 16789. This site will be used for air-to-water installations along with a bottling plant. The site will also be used for the installation of a ground-mount solar plant.
- Nyanza 80 000 tpa Rutile Pigment Plant which will produce 80 000 tpa pigment of the Titanium Dioxide (TiO<sub>2</sub>) nature. The plant has an expected life of 60 years.
- Services required will include:
  - A service road;
  - A services area located in the site's south-western corner connect to services
  - A pump station to pump potable water to the Nyanza Technical Services Centre (TSC) from the storage tanks;
  - An air-to-water plant located in the services area. Space is set aside for the installation of additional gable structure for the air-to-water generators in the future;
  - A storm water culvert spanned by a bridge along the site's western side to give personnel access from the TSC;
  - A water bottling plant located North of the air-to-water plant; and
  - Parking.

## 3. Applications for Required Authorisations and Licences

### 3.1. Environmental Authorisation

The proposed project triggers activities listed in terms of Listing Notices 1, 2 and 3 of the NEMA (Table 1) and will therefore require a full EIA comprising of the scoping and impact assessment phases as stipulated in GNR 982 as amended by GNR326 of the NEMA.

**Table 1: NEMA Listed Activities**

Government Notice	Activity Number as per the project description that relates to the applicable listed activity
Listing Notice 1 (GNR 327 of NEMA)	Activity 25
Listing Notice 2 (GNR 325 of NEMA)	Activity 1, Activity 4, and Activity 6.
Listing Notice 3 (GNR 324 of NEMA)	Activity 2, and Activity 14.

### 3.2. Waste Management Licence

The project will also require a WML from DFFE, and the identified activities (**Table 2**) under the National Environmental Management: Waste Act 59 of 2008 (NEM: WA).

**Table 2: Listed Activities Identified under NEM: WA**

Category	Activity
Category B	Activity 3, Activity 4 and Activity 10
Category C	Activity 2 (does not require a Waste Management Licence but will comply to GN 921)

### 3.3. Water Use Licence

The proposed project also triggers activities that constitute water uses (**Table 3**) and require authorization in terms of Section 21 of the NWA from Department of Water and Sanitation (DWS).

**Table 3: Relevant Water Uses**

Water Use	Example
Section 21	(a) Taking water from a water resource; (b) Storing water; (c) Impeding or diverting the flow of water in a watercourse; (i) Altering the bed, banks, courses or characteristics of a watercourse; and (j) Removing, discharging or disposing of water found underground if it is necessary of the efficient continuation of an activity or for the safety of the people

### 3.4 Air Emission Licence

The proposed project triggers activities listed under the National Environmental Management: Air Quality Act 39 of 2004 (NEMA:QA) and requires an AEL from the King Cetshwayo District Municipality. The NEM: AQA listed activities triggered by the project are provided in Table 4.

**Table 4: Listed Activities Identified under NEMA:QA**

Subcategory	Activity
Subcategory 1.2-	Liquid Fuel Combustion Installations
Subcategory 1.4 -	Gas Combustion Installations
Subcategory 4.1-	Drying and Calcining
Subcategory 4.20 -	Slag Processes
Subcategory 7.2 -	Production of Acids

## 4. Project Location

The proposed project site is located in uMhlathuze Local Municipality within the King Cetshwayo District Municipality, KwaZulu Natal Province. The details of the affected property are provided in (Table 5).

**Table 5: Affected ERF**

Erf Name	Proposed Activity
Erf 18575	Construction and Operation of an 80,000 tpa Rutile Pigment Plant
Erf 16817	

The Locality Map is attached to this letter as Appendix A.

## 5. Stakeholder Engagement

An integrated public participation process will be undertaken and will incorporate requirements of the NEMA, NWA, NEM: AQA and the NEM: WA. Chapter 6 of the NEMA requires the applicant to inform all potential Interested and Affected Parties (I&APs) of the proposed project and all applications. We hereby invite you to register as an I&AP and provide queries and/or comments on the applications on the contact details below.

- Completing the comment sheets enclosed (Appendix B);
- Additional written submissions; and
- Comment by email, fax or telephone.

**By registering as a stakeholder, you consent to SRK processing and, if necessary, disclosing your personal information which SRK undertakes to do in accordance with our Protection of Personal Information Policy.**

**Please submit comments to the Stakeholder Engagement officers:**

Vusi Masango /Anthoneth Matlala  
SRK

Stakeholder Engagement Office  
P O Box 35290, Menlo Park, 0102

(012) 361 9821

(012) 361 9912

[Vmasango@srk.co.za](mailto:Vmasango@srk.co.za) / [AMatlala@srk.co.za](mailto:AMatlala@srk.co.za)

Please do not hesitate to contact us should you require additional information or clarification regarding the proposed project. Our team welcomes your participation and looks forward to your involvement throughout the Stakeholder Engagement Process.

**Yours faithfully,**

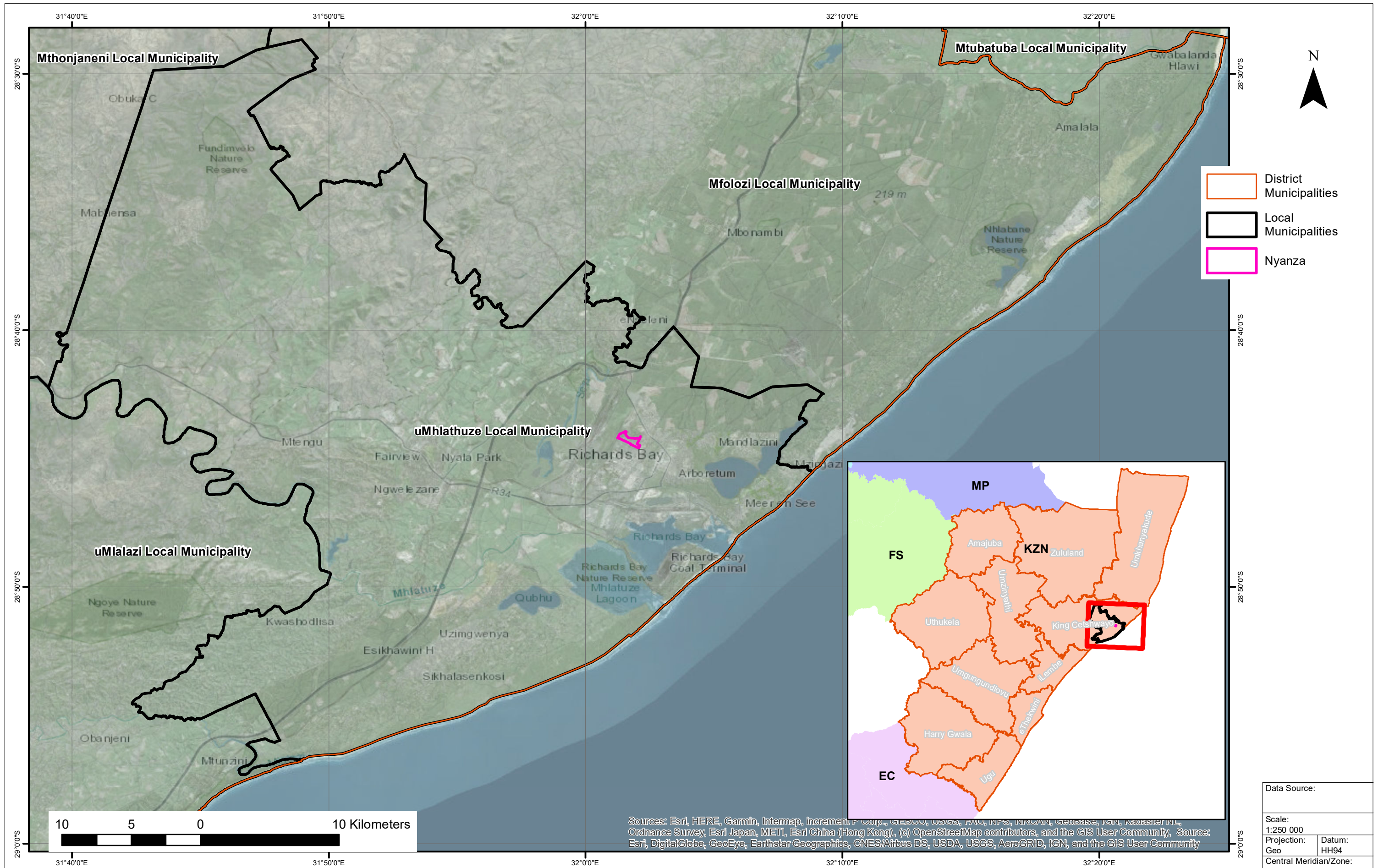
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Ndomupei Masawi  
Environmental Assessment Practitioner

## Appendix A: Locality Map



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, INPS, IGNIGN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Data Source:	
Scale: 1:250 000	
Projection: Geo	Datum: HH94
Central Meridian/Zone: N/A	
Date: 05/04/2022	Compiled by: STOM
Project No: 579947	Fig No:
Revision: A Date: 05 04 2022	



## Appendix B: Comment Form

**APPLICATION FOR ENVIRONMENTAL AND WATER USE AUTHORISATIONS, WASTE  
MANAGEMENT AND AIR EMISSION LICENCES FOR THE PROPOSED (PHASE 2) NYANZA  
80,000 tpa RUTILE PIGMENT PLANT WITHIN THE RICHARDS BAY INDUSTRIAL  
DEVELOPMENT ZONE 1F, KWAZULU NATAL PROVINCE  
REGISTRATION AND COMMENT SHEET**

April 2022

<b>TITLE</b>		<b>FIRST NAME</b>	
<b>INITIALS</b>		<b>SURNAME</b>	
<b>ORGANISATION</b>			
<b>POSTAL ADDRESS</b>			
		<b>POSTAL CODE</b>	
<b>LAND LINE TEL NO</b>		<b>CELL NO</b>	
<b>FAX NO</b>		<b>EMAIL</b>	

**REGISTRATION AS AN INTERESTED AND AFFECTED PARTY (I&AP) (please mark applicable box with X)**

<b>Please formally register me as an interested and affected party (I&amp;AP) so that I may receive further information and notifications during the Environmental Authorisation process</b>	<b>YES</b>	<b>NO</b>
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I would like my notifications by:

<b>E-mail:</b>	<b>Letter:</b>	<b>Fax/tel:</b>	<b>SMS:</b>
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**In terms of GNR 982 (EIA regulations) I disclose below any direct business, financial, personal or other interest that I may have in the approval or refusal of the application:**

.....  
 .....

**Comments (Use a separate sheet if you wish to)**


<b>Ndomupe Masawi</b> <b>Postal Address:</b> PO Box 35290, Menlo Park 0102 <b>Tel :</b> +27(0)12 361 9821 <b>Fax:</b> +27(0) 12 361 9912 <b>Email:</b> <a href="mailto:Nmasawi@srk.co.za">Nmasawi@srk.co.za</a>	<b>Vusi Masango</b> <b>Postal Address:</b> PO Box 35290, Menlo Park 0102 <b>Tel:</b> +27(0)12 361 9821 <b>Fax:</b> +27(0) 12 361 9912 <b>Email:</b> <a href="mailto:VMasango@srk.co.za">VMasango@srk.co.za</a>
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**THANK YOU FOR YOUR CONTRIBUTION**

By registering as an Interested and Affected Party, you consent to SRK processing your personal data for the purposes of obtaining feedback for the environmental authorisation process and to provide you with relevant information about it. Your information may be shared with selected third parties for these purposes only. Please see our Privacy Policy for more information.

<b>NAME:</b>	<b>SIGNATURE:</b>	<b>DATE:</b>
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