

SIYANDA CHROME SMELTING COMPANY (SCSC)

BACKGROUND INFORMATION DOCUMENT FOR THE DEVELOPMENT OF A PROPOSED NEW FERROCHROME SMELTER

June 2015

INTRODUCTION

Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province (see Figure 1 for the regional setting).

In broad terms the proposed Siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines.

ENVIRONMENTAL AUTHORISATION PROCESS

Prior to the commencement of the proposed project an environmental assessment is required, including an application phase, scoping phase, and an Environmental Impact Assessment (EIA) and Environmental Management Programme (EMP) phase. The assessment is required in terms of the National Environmental Management Act, 107 of 1998 (NEMA). In addition to this, the proposed project will also require authorisation in terms of the National Water Act, 36 of 1998, the National Environmental Management: Waste Act 59 of 2008 (NEM:WA) as well as the National Environmental Management: Air Quality Act 39 of 2004 (NEM:AQA).

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of environmental consultants, has been appointed by SCSC to manage the environmental assessment process.

PURPOSE OF THIS DOCUMENT

This document has been prepared by SLR to inform you about:

- * The proposed project
- * The baseline environment conditions
- * The environmental assessment process to be followed
- * Possible environmental impacts
- * How you can have input into the environmental authorisation process.

ECONOMIC MOTIVATION FOR THE PROPOSED PROJECT

SCSC is proposing to optimise resource extraction from the mineralised tailings waste streams of nearby mines by re-processing these tailings further to extract ferrochrome. The anticipated market prices in the medium and long-term are considered to be favourable for project development. Furthermore, the project will create direct jobs and will have a positive impact on both indirect businesses and employment.

YOUR ROLE

You have been identified as an interested and affected party (IAP) who may want to be informed about the proposed project and have input into the environmental process and reports. You will be given the opportunity to provide input at public meetings, and also to review and comment on the following reports:

- * Scoping Report
- * EIA/EMP Report

All comments will be recorded and included in the applications to the relevant departments for decision-making.

HOW TO RESPOND

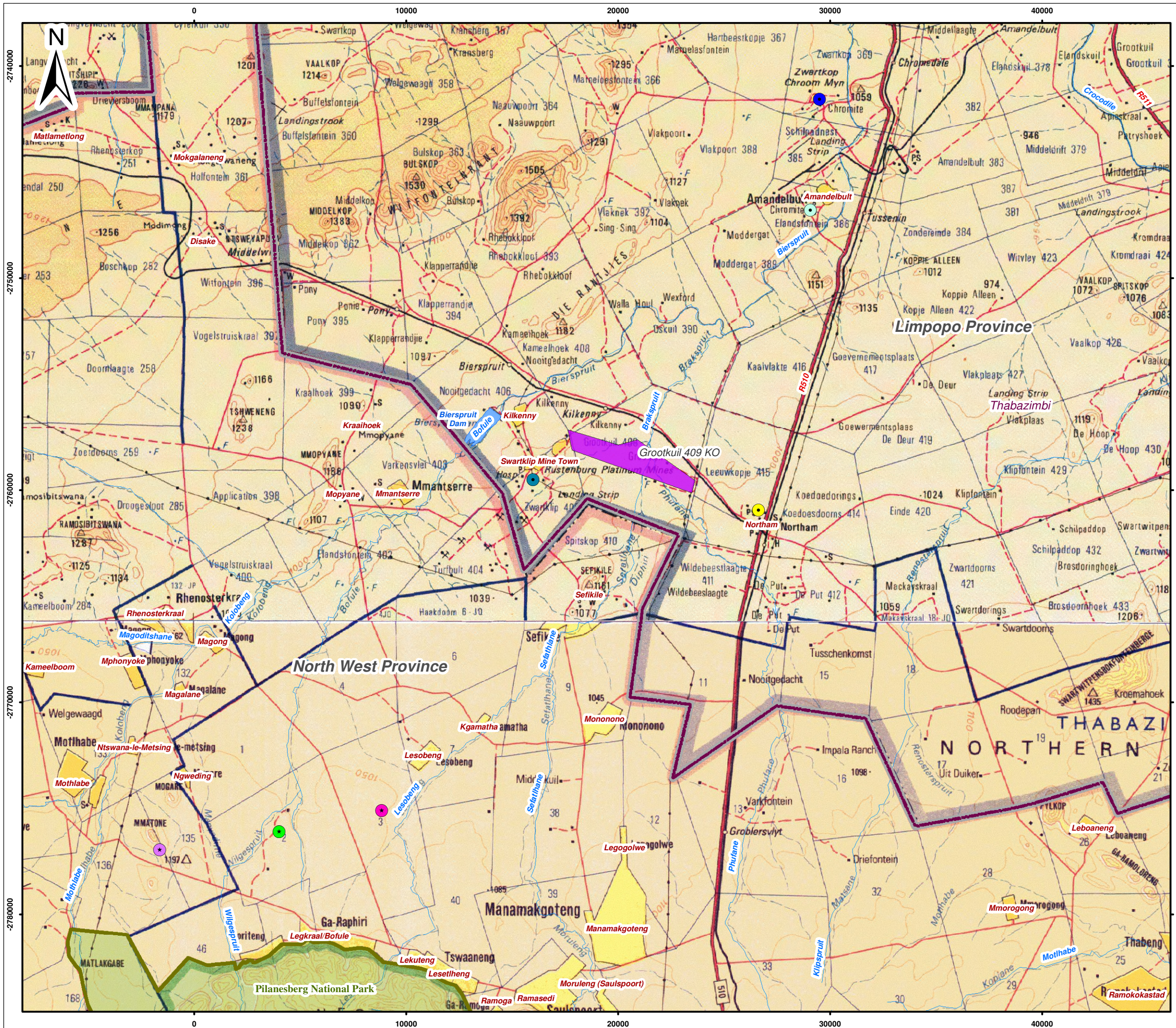
Responses to this document can be submitted by means of the attached comments sheet and/or through communication with the person listed below.

WHO TO CONTACT

Caitlin Hird or Ntsako Baloyi
(011) 467 0945 (Tel) or
(011) 467 0978 (Fax) or
chird@slrconsulting.com

or

nbaloyi@slrconsulting.com



Legend

- Project Area
- Dams
- Rivers
- Roads
- Villages
- Municipal Boundaries
- Provincial Border
- Proposed Magazynskraal Platinum Mine
- Sedibelo Platinum Mine
- Pilanesberg Platinum Mine
- Amandelbult Mine
- Northam Mine
- Swartklip Mine
- Zwartkop Mine

Reserves

Existing

- Pilanesberg National Park (Including Black Rhino Game Reserve)

0 2 4 6 8 Kilometers

Scale: 1:175 000 @ A3

Projection: Transverse Mercator
Datum: Hartbeeshoek, LO27

Siyanda Chrome Smelting Company (Pty) Ltd

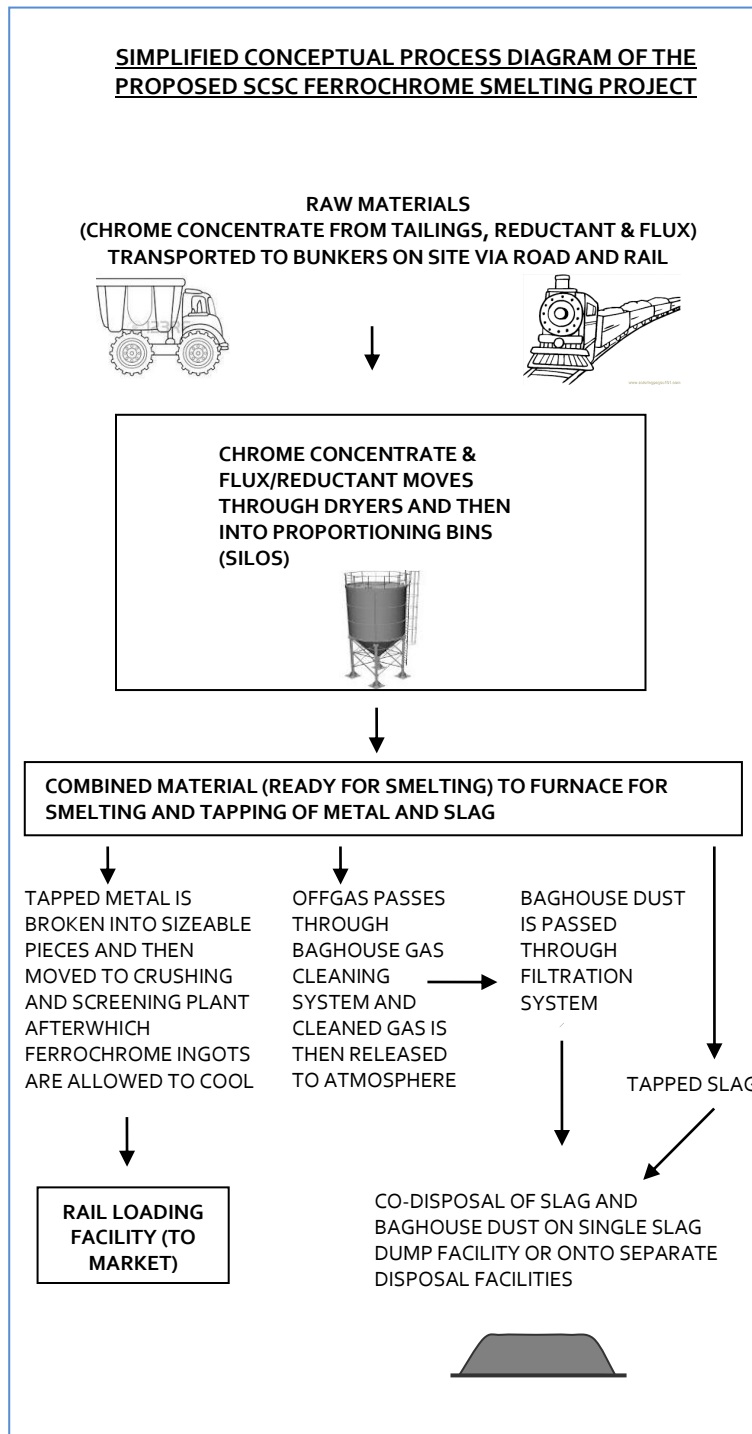
Figure 1
Regional Setting

SLR

SLR Consulting (Africa) (Pty) Ltd
P O Box 1596, Cramerview, 2060, South Africa
Tel: +27 (11) 467-0945 Fax: +27 (11) 467-0978

MINERAL PROCESSING

A simplified conceptual overview of the proposed process is below.



Further information on the project and alternatives considered will be given at the information sharing meetings.

SERVICES

Water: Potable water will be made available from the local municipality and/or from boreholes on or near to the site. It is expected that process water requirement will be limited and in this regard will also be sourced from the local municipality or from boreholes on or near to site.

Power: Power will be sourced from the Eskom substation at Spitskop (south east of the farm Grootkuil) via two 132 kV lines which will be run along a single support structure. The powerline will, as far as is practically possible, traverse existing servitudes and Siyanda property.

Waste: General and hazardous non-mineralised waste generated by the proposed project will be collected on site, temporarily stored in designated areas and disposed at off site permitted waste disposal facilities. Mineralised waste (slag and baghouse dust) will either be co-disposed of onto a single slag dump, or alternatively disposal of slag and baghouse dust will be onto two separate facilities.

Sewage: Sewage will be treated at the municipal sewage handling farm.

Transport: The transportation of materials to and from site will be by road and rail. Road access to site will be via Brits Road (which runs between Northam and Swartklip). Within the site boundary, haul roads, conveyors and pipelines will be used.

STAFF AND HOUSING

Job opportunities: Approximately 700 construction phase jobs and 280 operational phase jobs.

Operating times: At this stage it can be assumed that the smelter will be operational 24 hours a day and 7 days a week (Monday to Sunday).

Housing: No contractors will be housed on-site. Construction phase and operational phase workers will be housed in communities and towns nearby.

SUPPORT FACILITIES

Other facilities required on site include:

- * Material storage and handling areas (Raw materials, product stockpiles, fuel, lubricants, process materials, general and hazardous substances)
- * Water management (clean and dirty water dams, clean and dirty storm water controls)
- * Communication and lighting facilities
- * Offices, change houses, ablutions, security facilities

ALTERNATIVES BEING CONSIDERED

The process of considering alternatives is on-going and will form part of the scoping and EIA phases of the environmental assessment process. Alternatives will be considered for the proposed project footprint, water supply and power supply.

TIMING

If approved, construction will commence in the first quarter of 2017 with processing activities reaching full production within 18 months.

STATUS OF THE EXISTING ENVIRONMENT

This section provides a basic description of the existing status of the environment.

Geology: The proposed project area is situated in the Bushveld Igneous Complex (BIC). The BIC is an intrusive igneous body, extending about 400 km from east to west and about 350 km from north to south. It comprises a series of ultramafic-mafic layers and a suite of associated granitoid rocks.

Climate: The proposed project area falls within the Highveld Climatic Zone. The average annual precipitation ranges from 500mm to 700mm. Rainfall is generally in the form of thunderstorms. These can be of high intensity with lightning and strong gusty south-westerly winds. Temperatures in this climatic zone are generally mild, but low minima can be experienced in winter due to clear night skies. The wind field is dominated by winds from the north, north-east, east and south east.

Topography: The topographic relief of the proposed project area can be described as gently sloping towards the east or south-east. Topographic elevation varies between 988 to 1002 metres above mean sea level (mamsl).

Soils and land capability: Soils within the project area comprise structured soils, shallower soils, highly structured clay soils and wet soils. In general, the pH ranges from slightly acid to neutral soils with the dryland cultivation growth potential on soils being poor. It should be noted that the majority of the proposed project area has been cultivated (mealie and sunflower lands).

Animal life: Several bird and mammal species are expected to occur within the project area. It should be noted that the faunal population in the surrounding area in particular has been disturbed due to existing mining and agricultural activities. More common species observed on site include warthog, porcupine, reedbuck, black-backed jackal, kudu, duiker and steenbuck.

Plant life: The proposed project area is located in the Savannah Biome. The main vegetation type within the project area is referred to as Dwaalboom Thornveld which is considered Least Threatened. The majority of the proposed project area has already been disturbed due to cropping activities and historical over-grazing, however surrounding areas host a high abundance of Camel Thorn trees (*Vachellia erioloba*, previously *Acacia erioloba*). These trees are protected tree species in terms of the National Forests Act of 1998 (Act 84 of 1998).

Surface water: The proposed project area is located in quaternary catchment A24E. The Brakspruit and Phufane rivers (and associated tributaries) run through the farm Grootkuil in a northerly direction.

All the water courses are non-perennial, flowing only after heavy rainfall periods.

Groundwater: The region consists of a shallow and weathered bedrock aquifer which is also laterally connected to aquifers along the weathered zones associated with drainage lines as well as a deeper, intact fractured bedrock aquifer. It is expected that the weathered aquifer is between 12m and 50m deep.

Air quality: The surrounding ambient air quality has been influenced by neighbouring mines, household fuel combustion, vehicle tailpipe emissions and rail related fuel combustion as well as agricultural activities associated with cropping.

Noise: The greater area is generally defined by rural features and is not subjected to elevated noise levels. Existing noise in the project area is mainly caused by surrounding farming activities, localised traffic, train movements and nearby mining operations.

Visual: The proposed project area can be described as bushveld plains interrupted by existing agricultural activities and mining operations which have affected the sense of place and natural visual character of the area.

Heritage/cultural and palaeontological resources:

It is not likely that palaeontological resources exist within the proposed project area due to the geology of the area. The project area is underlain by igneous rocks which are Precambrian in age. In addition to this it is expected that any existing cultural and palaeontological resources would have already been upturned through cropping activities.

Socio-economic: There are private landowners and several communities located within proximity to the project area. Private landowners typically use the land for cropping, and livestock and game farming. Communities in the area typically use land for cattle grazing and other community related activities. The socio-economic conditions of these communities ranges from poor to fair, with the exception of communities such as the Swartklip mine town where employment rates and related poverty is reduced. In general, there is a high level of unemployment with a dependency on subsistence agriculture, the public sector, seasonal workers and employment in the mining sector. Water provision and sanitation remains a challenge.

Land use: Land uses surrounding the proposed project area include a combination of crop farming, livestock grazing, game farming, mining, roads, rail and residences and other recreational landuses.

POTENTIAL ENVIRONMENTAL IMPACTS

The following preliminary list of potential impacts has been identified and will be investigated as part of the environmental assessment process.

Loss and sterilisation of mineral resources: The proposed project has the potential to result in the loss and sterilisation of mineral resources through the placement of infrastructure in close proximity to a mineable resource.

Safety: The proposed project has the potential to alter the topography and present infrastructure and excavations which may present potential safety risks for both people and animals.

Soil and land capability: The proposed project has the potential to compromise soil resources through physical disturbance (erosion and compaction) and/or pollution. Loss of soil resources has a direct impact on the natural capability of the land.

Biodiversity: The placement of infrastructure and associated activities has the potential to disturb and/or destroy vegetation, habitat units and related ecosystem functionality, including the disturbance of protected species.

Surface water: The proposed project has the potential to pollute surface water resources and to alter surface drainage patterns.

Groundwater: The proposed project has the potential to contaminate groundwater resources and to lower groundwater levels through abstraction (if borehole water is utilised) which could impact availability to surrounding groundwater users.

Air: The proposed project has the potential to emit pollution into the air which could have a negative impact on ambient air quality.

Blasting: The proposed project may require limited foundation blasting during the construction phase. It is not expected that this will impact people and structures through fly rock, air-blast and ground vibrations.

Noise: The proposed project has the potential to cause noise pollution through the presence of noise generating infrastructure and activities.

Visual: The placement of infrastructure and associated activities has the potential to create visual impacts through topographical changes.

Heritage/cultural and palaeontological resources: Even though limited resources are expected to occur on site, the proposed project has the potential to damage heritage/cultural and palaeontological resources should there be any finds.

Socio-economic: The proposed project has the potential to contribute towards positive and negative socio-economic impacts. Positive impacts include job creation and stimulation of local and regional economy. Negative socio-economic impacts include the potential influx of job seekers and related issues of crime, disease and disruption to social structures.

Land use: The proposed project has the potential to impact on surrounding land uses through one or more of the abovementioned impacts.

PARTIES INVOLVED IN THE ENVIRONMENTAL ASSESSMENT PROCESS

IAPs

- * Surrounding landowners, land users and communities
- * Surrounding mines and industries
- * Non-governmental organisations and associations
- * Parastatals

REGULATORY AUTHORITIES

- * National Department of Environment Affairs (DEA)
- * Department of Water and Sanitation (DWS) (Hartebeespoort)
- * Department of Economic Development, Environment and Tourism (LEDET)
- * Department of Agriculture, Forestry and Fisheries (DAFF)
- * South Africa Heritage Resource Agency (SAHRA)
- * Department of Rural Development and Land Reform (DRDLR)
- * Department of Public Works, Roads and Transport (DPWRT)

LOCAL AUTHORITIES

- * Thabazimbi Local Municipality
- * Waterberg District Municipality

Please let us know if there are any additional parties that should be involved.

ENVIRONMENTAL AUTHORISATION PROCESS

The environmental process provides information on the project and environment in which it is being undertaken; identifies, in consultation with interested and/or affected parties (IAPs), the potential negative as well as positive impacts of the project; and reports on management measures required to mitigate or avoid impacts. The likely assessment process steps and timeframes are provided below. IAPs and other stakeholders registered on the project's database will receive notification of information-sharing meetings and report review periods in advance.

STEPS IN THE AUTHORISATION PROCESS

PHASE I – Scoping phase (June 2015 to December 2015)

- Notify regulatory authorities and IAPs of project and environmental assessment (via social scan, newspaper advertisements, site notices and this document)
- Scoping information-sharing meeting(s) with regulatory authorities (if required) and IAPs

PHASE II – Application and scoping phase (December 2015 to April 2016)

- Submission of applications to the DEA and LEDET.
- Compile scoping report and submit to DEA, LEDET, IAPs and other authorities for review.
- Public review of scoping report (30 days)
- Submit final scoping report including IAP comments to the DEA and LEDET.

PHASE III – EIA/EMP phase (May 2016 to November 2016)

- Complete specialist studies
- Compile EIA/EMP report and submit to LEDET, DEA, IAPs and other authorities for review (30 days)
- Submit final EIA/EMP report including IAP comments to the DEA and LEDET

Circulate DEA and LEDET decision to IAPs registered on the project database.

The water use license application will be compiled and submitted to DWS at a later stage

**SIYANDA CHROME SMELTING COMPANY (SCSC)
BACKGROUND INFORMATION DOCUMENT FOR THE DEVELOPMENT OF A PROPOSED NEW FERROCHROME SMELTER
LOCATED ON THE FARM GROOTKUIL 409 KO
BACKGROUND INFORMATION DOCUMENT**

REGISTRATION AND RESPONSE FORM FOR INTERESTED AND AFFECTED PARTIES

DATE		TIME	
PARTICULARS OF THE INTERESTED AND AFFECTED PARTY			
NAME			
POSTAL ADDRESS			
		POSTAL CODE	
STREET ADDRESS			
		POSTAL CODE	
WORK/ DAY TELEPHONE NUMBER		WORK/ DAY FAX NUMBER	
CELL PHONE NUMBER		E-MAIL ADDRESS	

PLEASE IDENTIFY YOUR INTEREST IN THE PROPOSED PROJECT
PLEASE WRITE YOUR COMMENTS AND QUESTIONS HERE

Please return completed forms to:
Caitlin Hird or Ntsako Baloyi
SLR Consulting (Africa) (Pty) Ltd
(011) 467 0945 (Tel) and/or(011) 467 0978 (Fax)
chird@slrconsulting.com or
nbaloyi@slrconsulting.com



Entrance to site (Northam-Swartklip Road)



Swartklip Recreational Centre



Northam Municipal Offices



Sefikile Tribal & Community Hall



Tuck Shop along Khwetsheza Main Road



Mmantsere Tribal Offices



OFFICE OF THE REGIONAL LAND CLAIMS COMMISSONER: LIMPOPO

Private Bag X 9552, Polokwane, 0700, 61 Biccard Street: (015) 284 6300 Fax No: (015) 295 7404/7403, E-mail
Address clientrelations@ruraldevelopment.gov.za . Also at 96 Kagiso House Cnr. Rissik and Schoeman Street Tel:
(015) 287 2600 and Andrea Building Tel: (015) 287 9460

Enquiries: Oldoria Rampora
Our Ref : 9/2/2

SLR Consulting (South Africa) Limited
Cnr Roos & Macbeth Streets
Johannesburg
2060

Attention: Caitlin Hird
Cell: 084 491 1987
Fax: 011 467 0978
Mailto: chird@slrconsulting.com

Dear Sir/Madam

**ENQUIRIES REGARDING LAND CLAIMS IN TERMS OF THE RESTITUTION OF
LAND RIGHTS ACT, 1994 (ACT NO. 22 OF 1994)**

1. Your enquiry dated 02 October 2015 has reference.
2. According to the records in our database, there is no information available at this stage on the under-mentioned property:-

- **Portion 3 of Grootkuil 409 KQ.**

It should however be noted that the office is in a process of finalizing outstanding research, if it emerges during this process that there is a claim on the said farm/property which satisfies the requirements of the Restitution of Land Rights Act, (Act no 22 of 1994), then the Commission will send you the relevant correspondence.

We trust you will find the above in order.

Kind Regards,

MAPHOTO T
CHIEF DIRECTOR:
OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: LIMPOPO

DATE: 26/10/2015

William Berry

From: Mogashoa M S <MogashoaMS@ledet.gov.za>
Sent: 31 July 2015 02:12 PM
To: Caitlin Hird; Ntsako Baloyi
Cc: Malungani TP
Subject: BID document

Good day Ntsako

The Limpopo Department of Economic Development, Environment and Tourism (LEDET) acknowledges receipt of the BID in respect of the above mentioned activity.

Kindly be informed that the Department will be able to give comments on the above mentioned activity upon receipt of reports and other relevant supporting documents once they are completed.

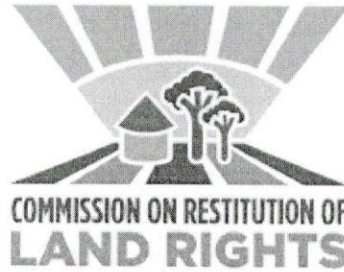
The Dept further submit that the assessment of impacts related to the proposed development must take into consideration the following tools;

- Limpopo Conservation Plan of 2013;
- The Environmental Management Framework for the Waterberg District;
- The Mining and Biodiversity Guidelines;
- The Thabazimbi Spatial Development Framework and
- Waterberg Spatial Development Framework.

You may send a copy of the Scoping Report iro NEMA to LEDET for commenting.

Regards

Mokgadi Mogashoa
Limpopo Dept of Economic Development, Environment & Tourism
Environmental Impact Management
Email: mogashoams@ledet.gov.za
Cell: 071 671 4981
Tel: 015 290 7057
Fax: 015 295 5015



OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: LIMPOPO

Private Bag X 9552, Polokwane, 0700, 61 Biccard Street: (015) 284 6300 Fax No: (015) 295 7404/7403, E-mail Address clientrelations@ruraldevelopment.gov.za . Also at 96 Kagiso House Cnr. Rissik and Schoeman Street Tel: (015) 287 2600 and Andrea Building Tel: (015) 287 9460

Enquiries: Oldoria Rampora
Our Ref : 9/2/2

SLR Consulting (Africa) (Pty) Ltd

Attention: William Berry
Tel: 011 467 0945
Fax: 011 467 0878
Email: wberry@slrconsulting.com

Dear Sir/Madam

ENQUIRIES REGARDING LAND CLAIMS IN TERMS OF THE RESTITUTION OF LAND RIGHTS ACT, 1994 (ACT NO. 22 OF 1994)

1. Your enquiry dated 26 November 2015 has reference.
2. According to the records in our database, there is no information available at this stage on the under-mentioned properties:-
 - **Ptn 4 & 5 of Grootkuil 409 KQ, Ptn 3 of Kameelhoek 408 KQ & Ptn 7 of Nooitgedacht 406 KQ.**

It should however be noted that the office is in a process of finalizing outstanding research, if it emerges during this process that there is a claim on the said farm/property which satisfies the requirements of the Restitution of Land Rights Act, (Act no 22 of 1994), then the Commission will send you the relevant correspondence.

We trust you will find the above in order.

Kind faithfully,


MAPHOTO T

CHIEF DIRECTOR:
OFFICE OF THE REGIONAL LAND CLAIMS COMMISSIONER: LIMPOPO

DATE: 20/11/2015

William Berry

From: Caitlin Hird
Sent: 29 October 2015 11:37 AM
To: MakahaneR@dws.gov.za
Cc: blebeko@siyandaresources.co.za; Ntsako Baloyi; William Berry
Subject: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00
Attachments: 2015-07-23_Authority Site Visit-Meeting Minutes final.pdf; 2015-07-23_Authority Site Visit-Meeting_Swartzklip Recreation Centre_attendance register.pdf

Good morning Rudzani

Thank you for making contact.

Please see attached minutes (drafted by SLR) from the meeting held on 23rd July.

Please feel free to circulate this within your team.

Many thanks

Caitlin Hird

Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd

Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa



Industry



Infrastructure



Mining & Minerals



Oil & Gas



Planning & Development



Renewable & Low Carbon

Confidentiality Notice and Disclaimer

This communication and any attachment(s) contains information which is confidential and may also be legally privileged. It is intended for the exclusive use of the recipient(s) to whom it is addressed. If you are not the intended recipient, any disclosure, copying, distribution or any action taken or omitted to be taken in reliance on it, is prohibited and may be unlawful. If you have received this communication in error please email us by return mail and then delete the email from your system together with any copies of it. Please note that you are not permitted to print, copy, disclose or use part or all of the content in any way.

Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused and SLR accepts no responsibility for changes made to this email or any attachment after transmission from SLR. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

Any views or opinions are solely those of the author and do not necessarily represent those of SLR Management Ltd, or any of its subsidiaries, unless specifically stated.

SLR Consulting (South Africa) (Proprietary) Limited and SLR Consulting (Africa) (Proprietary) Limited are both subsidiaries of SLR Management Ltd.
Registered Office: Unit 7 Fourways Manor Office Park, Cnr Roos and Macbeth Street, Fourways, 2191, Gauteng, South Africa

From: Bheki Lebeko [mailto:blebeko@siyandaresources.co.za]
Sent: 29 October 2015 11:33 AM
To: Caitlin Hird; Ntsako Baloyi
Subject: FW: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Hi Caitlin & ntsako

Please see the email below, I guess it was meant for SLR consulting.

Regards
Bheki

From: Makahane Rudzani (HBP) [mailto:MakahaneR@dws.gov.za]
Sent: Wednesday, October 28, 2015 8:41 AM
To: Bheki Lebeko <blebeko@siyandaresources.co.za>
Cc: nbaloyi@slrconsulting.com
Subject: RE: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Good day

May I please have a copy of minutes of issues discussed on this meeting.

Regards,
Rudzani

From: Nemutandani Tendani
Sent: 20 July 2015 12:43 PM
To: Makahane Rudzani (HBP)
Cc: Isaac Siphokazi Tando (HBP); Kgabileng Nametso (HBP)
Subject: FW: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

FYI

*Nemutandani Tendani Charles
Department of Water & Sanitation
Crocodile (West) and Marico WMA
Tell: 012 207 9911 / 9912/9913
Cell: 082 896 8222
Fax to e-mail: 086 664 0845*

"We never know the worth of water till the well is dry" (Thomas Fuller)



water & sanitation

Department
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Taking a five-minute shower a day instead of a bath, will use up only 10% of the water, saving up to 90% of water a week.

From: Bheki Lebeko [mailto:]
Sent: 20 July 2015 12:43 PM
To: Ntsako Baloyi; Caitlin Hird; David Kovarsky; Piers du Plessis; johan.liebenberg@qlps.co.za; Brandon Stobart;

Pieter Burger; andre.esterhuizen@tenova.com; Richard Phillips; portia.kgaboesele@angloamerican.com; moefi7.pk@gmail.com; William Berry; malunganitp@ledet.gov.za; lveto@environment.gov.za; msolomons@environment.gov.za; Nemutandani Tendani; lekgaumah@nda.agric.za; modipadim@nda.agric.za; ANMagada@ruraldevelopment.gov.za; Ramalamulap@sac.limpopo.gov.za; vramalamula@webmail.co.za; rmashego@waterberg.gov.za; skoenait@waterberg.gov.za; lebogang.mataboge@bbkta.co.za; sandram@moseskotane.gov.za; sharonr@moseskotane.gov.za; kagisomorapedi@hotmail.com; moloisia@drt.limpopo.gov.za

Subject: RE: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Hi Ntsako

I will be attending.

Regards
Bheki

From: Ntsako Baloyi [<mailto:>]

Sent: Monday, July 20, 2015 10:52 AM

To: Caitlin Hird; David Kovarsky; Piers du Plessis; johan.liebenberg@glps.co.za; Brandon Stobart; Ntsako Baloyi; Pieter Burger; andre.esterhuizen@tenova.com; Richard Phillips; Bheki Lebeko; portia.kgaboesele@angloamerican.com; moefi7.pk@gmail.com; William Berry; malunganitp@ledet.gov.za; lveto@environment.gov.za; msolomons@environment.gov.za; nemutandanit@dwa.gov.za; lekgaumah@nda.agric.za; modipadim@nda.agric.za; ANMagada@ruraldevelopment.gov.za; Ramalamulap@sac.limpopo.gov.za; vramalamula@webmail.co.za; rmashego@waterberg.gov.za; skoenait@waterberg.gov.za; lebogang.mataboge@bbkta.co.za; sandram@moseskotane.gov.za; sharonr@moseskotane.gov.za; kagisomorapedi@hotmail.com; moloisia@drt.limpopo.gov.za

Subject: RE: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Dear Authorities

Please confirm your attendance or your department's representation at the following meeting. This is important in order to finalise catering arrangements.

I look forward to your response.

Kind Regards

Ntsako Baloyi

Environmental Assessment Practitioner
SLR Consulting (South Africa) (Pty) Ltd

Email: nbaloyi@slrconsulting.com

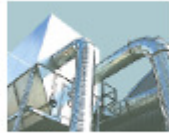
Mobile: +27 82 472 4919

Tel: +27 11 467 0945

Ext: 2033

Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa



Industry



Infrastructure



Mining & Minerals



Oil & Gas



Planning & Development



Renewable & Low Carbon

Confidentiality Notice and Disclaimer

This communication and any attachment(s) contains information which is confidential and may also be legally privileged. It is intended for the exclusive use of the recipient(s) to whom it is addressed. If you are not the intended recipient, any disclosure, copying, distribution or any action taken or omitted to be taken in reliance on it, is prohibited and may be unlawful. If you have received this communication in error please email us by return mail and then delete the email from your system together with any copies of it. Please note that you are not permitted to print, copy, disclose or use part or all of the content in any way.

Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused and SLR accepts no responsibility for changes made to this email or any attachment after transmission from SLR. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

Any views or opinions are solely those of the author and do not necessarily represent those of SLR Management Ltd, or any of its subsidiaries, unless specifically stated.

SLR Consulting (South Africa) (Proprietary) Limited and SLR Consulting (Africa) (Proprietary) Limited are both subsidiaries of SLR Management Ltd. Registered Office: Unit 7 Fourways Manor Office Park, Cnr Roos and Macbeth Street, Fourways, 2191, Gauteng, South Africa

From: Caitlin Hird

Sent: 06 July 2015 02:23 PM

Subject: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Dear Regulatory Authority,

1. PROJECT BACKGROUND

Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

In broad terms the proposed Siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines. More detail on the proposed project including a locality map are included in the Background Information Document (BID) attached.

2. INVITATION

You have been identified as a key regulatory authority for this project and are cordially invited to attend the regulatory authorities meeting which has been planned. The details of the meeting are outlined below:

Date: Thursday 23 July 2015

Venue: Swartklip Recreational Centre

Time: 14h00

This meeting will be followed by a site visit for authorities that are interested. Please confirm your attendance or your department's representation at this meeting for planning and catering purposes by Monday 20th July 2015.

3. PUBLIC PARTICIPATION

A public participation process is being conducted as an integral part of the NEMA process being followed. As an interested and/or affected party (IAP), you are invited to participate in the process. Five public scoping meetings have been arranged as part of the scoping phase public participation process. The purpose of the meetings will be to present information on the project and the potential environmental impacts; and to obtain input from IAPs on any related issues, concerns and questions. The same information will be presented at all meetings. You are further invited to attend any of these meetings should you wish to do so.

The details of the five public meetings are provided in the table below:

Date	Venue	Time
21 July 2015	Mmantserre Tribal Office	11h00
21 July 2015	Swartklip Recreational Centre	16h00
22 July 2015	Khwetsheza Community Meeting Point	09h00
22 July 2015	Sefikile Lekgotla Office	14h00
23 July 2015	Northam Town Hall	09h00

I look forward to your positive response.

Please do not hesitate to contact me should you have any further queries.

LEGAL DISCLAIMER. The contents of this electronic communication and any attached documents are strictly confidential and they may not be used or disclosed by someone who is not a named recipient. If you have received this electronic communication in error please notify the sender by replying to this electronic communication inserting the word "misdirected" as the subject and delete this communication from your system.

LEGAL DISCLAIMER. The contents of this electronic communication and any attached documents are strictly confidential and they may not be used or disclosed by someone who is not a named recipient. If you have received this electronic communication in error please notify the sender by replying to this electronic communication inserting the word "misdirected" as the subject and delete this communication from your system.

DISCLAIMER: This message and any attachments are confidential and intended solely for the addressee. If you have received this message in error, please notify the system manager/sender. Any unauthorized use, alteration or dissemination is prohibited. The Department of Water and Sanitation further accepts no liability whatsoever for any loss, whether it be direct, indirect or consequential, arising from this e-mail, nor for any consequence of its use or storage. **LEGAL DISCLAIMER.** The contents of this electronic communication and any attached documents are strictly confidential and they may not be used or disclosed by someone who is not a named recipient. If you have received this electronic communication in error please notify the sender by replying to this electronic communication inserting the word "misdirected" as the subject and delete this communication from your system.

LEGAL DISCLAIMER. The contents of this electronic communication and any attached documents are strictly confidential and they may not be used or disclosed by someone who is not a named recipient. If you have received this electronic communication in error please notify the sender by replying to this electronic communication inserting the word "misdirected" as the subject and delete this communication from your system.

File Message

Ignore X Delete Reply Reply All Forward Meeting More

Move OneNote Mark Unread Categorize Follow Up Translate Select Zoom

Delete Respond Move Tags Editing Zoom

You replied to this message on 2015/07/20 10:52 AM.

From: Caitlin Hird Sent: Mon 2015/07/06 02:23 PM
 To:
 Cc:
 Bcc: 'dkovarsky@siyandaresources.co.za'; 'dpuplessis@siyandaresources.co.za'; 'johan.liebenberg@gjps.co.za'; Brandon Stobart; Ntsako Baloyi; 'pburger@siyandaresources.co.za'; 'andre.esterhuizen@tenova.com'; 'Rphillips@siyandaresources.co.za'; 'blebeko@siyandaresources.co.za'; 'portia.kgaboesele@angloamerican.com'; 'moefi7.pk@gmail.com'; William Berry; 'malunganitp@ledet.gov.za'; 'lvetto@environment.gov.za'; 'msolomons@environment.gov.za'; 'nemutandanit@dwa.gov.za'; 'lekgaumah@nda.agric.za'; 'modipadim@nda.agric.za'; 'ANMagada@ruraldevelopment.gov.za'; 'Ramalamulap@sac.limpopo.gov.za'; 'vramalamula@webmail.co.za'; 'rmashego@waterberg.gov.za'; 'skoenaite@waterberg.gov.za'; 'lebogang.mataboge@bbkta.co.za'; 'sandram@moseskotane.gov.za'; 'sharonr@moseskotane.gov.za'; 'kagisorapedi@hotmail.com'; 'moloisia@drt.limpopo.gov.za'
 Subject: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Message Siyanda BID.PDF

Dear Regulatory Authority,

1. PROJECT BACKGROUND

Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

In broad terms the proposed siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines. More detail on the proposed project including a locality map are included in the Background Information Document (BID) attached.

2. INVITATION

You have been identified as a key regulatory authority for this project and are cordially invited to attend the regulatory authorities meeting which has been planned. The details of the meeting are outlined below:

Date: Thursday 23 July 2015
Venue: Swartklip Recreational Centre
Time: 14h00

This meeting will be followed by a site visit for authorities that are interested. Please confirm your attendance or your department's representation at this meeting for planning and catering purposes by Monday 20th July 2015.

3. PUBLIC PARTICIPATION

A public participation process is being conducted as an integral part of the NEMA process being followed. As an interested and/or affected party (IAP), you are invited to participate in the process. Five public scoping meetings have been arranged as part of the scoping phase public participation process. The purpose of the meetings will be to present information on the project and the potential environmental impacts; and to obtain input from IAPs on any related issues, concerns and questions. The same information will be presented at all meetings. You are further invited to attend any of these meetings should you wish to do so.

The details of the five public meetings are provided in the table below:

Date	Venue	Time
21 July 2015	Mmantserre Tribal Office	11h00
21 July 2015	Swartklip Recreational Centre	16h00
22 July 2015	Khwetsheza Community Meeting Point	09h00
22 July 2015	Sefikile Lekgotla Office	14h00
23 July 2015	Northam Town Hall	09h00

I look forward to your positive response.

Please do not hesitate to contact me should you have any further queries.

Caitlin Hird



File Message

Ignore X Reply Reply Forward Meeting
 Delete All More

Move OneNote Mark Categorize Follow
 Move Actions Unread Tags Up

Translate Find Related Select Zoom
 Editing Zoom

From: Caitlin Hird Sent: Tue 2015/07/07 03:07 PM
 To:
 Cc: malunganip@ledet.gov.za; gulwakon@ledet.gov.za; ngoashengtj@ledet.gov.za; MasindiMM@ledet.gov.za; mavhegam@ledet.gov.za; mongwev@ledet.gov.za; maiselm@ledet.gov.za; thivhafunipo@ledet.gov.za; gulwakonn@ledet.gov.za; mogashoams@ledet.gov.za; moloisia@drt.limpopo.gov.za; ntsoalee@agric.limpopo.gov.za; ANMagada@ruraldevelopment.gov.za; maphuti.ramalla@drdlr.gov.za; Tele.Maphoto@drdlr.gov.za; Julius.Mashaphu@drdlr.gov.za; Ramalamulap@sac.limpopo.gov.za; vramalamula@webmail.co.za; malebanam@sac.limpopo.gov.za; nemaleuman@sac.limpopo.gov.za; litholek@sac.limpopo.gov.za; phine@sahra.org.za
 Subject: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Message Siyanda BID.PDF

Dear Regulatory Authority,

1. PROJECT BACKGROUND
 Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

In broad terms the proposed Siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines. More detail on the proposed project including a locality map are included in the Background Information Document (BID) attached.

2. INVITATION
 You have been identified as a key regulatory authority for this project and are cordially invited to attend the regulatory authorities meeting which has been planned. The details of the meeting are outlined below:

Date: Thursday 23 July 2015
Venue: Swartklip Recreational Centre
Time: 14h00

This meeting will be followed by a site visit for authorities that are interested. Please confirm your attendance or your department's representation at this meeting for planning and catering purposes by Monday 20th July 2015.

3. PUBLIC PARTICIPATION
 A public participation process is being conducted as an integral part of the NEMA process being followed. As an interested and/or affected party (IAP), you are invited to participate in the process. Five public scoping meetings have been arranged as part of the scoping phase public participation process. The purpose of the meetings will be to present information on the project and the potential environmental impacts; and to obtain input from IAPs on any related issues, concerns and questions. The same information will be presented at all meetings. You are further invited to attend any of these meetings should you wish to do so.

The details of the five public meetings are provided in the table below:

Date	Venue	Time
21 July 2015	Mmantsere Tribal Office	11h00
21 July 2015	Swartklip Recreational Centre	16h00
22 July 2015	Khwetshesha Community Meeting Point	09h00
22 July 2015	Sefikile Lekgotla Office	14h00
23 July 2015	Northam Town Hall	09h00

I look forward to your positive response.

Please do not hesitate to contact me should you have any further queries.

Caitlin Hird

File Message

Ignore X Delete Reply Reply All Forward Meeting More Move OneNote Actions Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Move Tags Editing Zoom

From: Caitlin Hird
To: gulwakonn@ledet.gov.za
Cc:
Subject: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Sent: Thu 2015/07/09 04:16 PM

Message Siyanda BID 1MB.pdf

Dear Regulatory Authority,

1. PROJECT BACKGROUND
Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

In broad terms the proposed Siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines. More detail on the proposed project including a locality map are included in the Background Information Document (BID) attached.

2. INVITATION
You have been identified as a key regulatory authority for this project and are cordially invited to attend the regulatory authorities meeting which has been planned. The details of the meeting are outlined below:

Date: Thursday 23 July 2015
Venue: Swartklip Recreational Centre
Time: 14h00

This meeting will be followed by a site visit for authorities that are interested. Please confirm your attendance or your department's representation at this meeting for planning and catering purposes by Monday 20th July 2015.

3. PUBLIC PARTICIPATION
A public participation process is being conducted as an integral part of the NEMA process being followed. As an interested and/or affected party (IAP), you are invited to participate in the process. Five public scoping meetings have been arranged as part of the scoping phase public participation process. The purpose of the meetings will be to present information on the project and the potential environmental impacts; and to obtain input from IAPs on any related issues, concerns and questions. The same information will be presented at all meetings. You are further invited to attend any of these meetings should you wish to do so.

The details of the five public meetings are provided in the table below:

Date	Venue	Time
21 July 2015	Mmantserre Tribal Office	11h00
21 July 2015	Swartklip Recreational Centre	16h00
22 July 2015	Khwetsheza Community Meeting Point	09h00
22 July 2015	Sefikile Lekgotla Office	14h00
23 July 2015	Northam Town Hall	09h00

I look forward to your positive response.

Please do not hesitate to contact me should you have any further queries.

Caitlin Hird

File Message

Ignore X Delete Reply Reply All Forward Meeting More Move OneNote Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Move Tags Editing Zoom

From: Caitlin Hird
To: ntsoanee@agric.limpopo.gov.za
Cc:
Subject: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Sent: Thu 2015/07/09 08:31 AM

Message Siyanda BID 1MB.pdf

Dear Regulatory Authority,

1. PROJECT BACKGROUND
Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

In broad terms the proposed Siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines. More detail on the proposed project including a locality map are included in the Background Information Document (BID) attached.

2. INVITATION
You have been identified as a key regulatory authority for this project and are cordially invited to attend the regulatory authorities meeting which has been planned. The details of the meeting are outlined below:

Date: Thursday 23 July 2015
Venue: Swartklip Recreational Centre
Time: 14h00

This meeting will be followed by a site visit for authorities that are interested. Please confirm your attendance or your department's representation at this meeting for planning and catering purposes by Monday 20th July 2015.

3. PUBLIC PARTICIPATION
A public participation process is being conducted as an integral part of the NEMA process being followed. As an interested and/or affected party (IAP), you are invited to participate in the process. Five public scoping meetings have been arranged as part of the scoping phase public participation process. The purpose of the meetings will be to present information on the project and the potential environmental impacts; and to obtain input from IAPs on any related issues, concerns and questions. The same information will be presented at all meetings. You are further invited to attend any of these meetings should you wish to do so.

The details of the five public meetings are provided in the table below:

Date	Venue	Time
21 July 2015	Mmantserre Tribal Office	11h00
21 July 2015	Swartklip Recreational Centre	16h00
22 July 2015	Khwetsheza Community Meeting Point	09h00
22 July 2015	Sefikile Lekgotla Office	14h00
23 July 2015	Northam Town Hall	09h00

I look forward to your positive response.

Please do not hesitate to contact me should you have any further queries.

File Message

Ignore X Delete Reply Reply All Forward Meeting Move OneNote Rules Actions Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Move Tags Editing Zoom

From: Caitlin Hird Sent: Thu 2015/07/09 08:13 AM
 To:
 Cc:
 Bcc: malunganitp@ledet.gov.za; gulwakon@ledet.gov.za; ngoashengtj@ledet.gov.za; MasindIMM@ledet.gov.za; mavhegam@ledet.gov.za; mongwev@ledet.gov.za; maiselm@ledet.gov.za; malebanam@sac.limpopo.gov.za; gulwakonn@ledet.gov.za; mogashoams@ledet.gov.za; moloisia@dr.limpopo.gov.za; ntsoalee@agric.limpopo.gov.za; ANMagada@ruraldevelopment.gov.za; maphuti.ramalla@drdir.gov.za; Tele.Maphoto@drdir.gov.za; Julius.Mashaphu@drdir.gov.za; Ramalamulap@sac.limpopo.gov.za; vramalamula@webmail.co.za; phine@sahra.org.za; nemauluman@sac.limpopo.gov.za; litholek@sac.limpopo.gov.za; thivhafunipo@ledet.gov.za
 Subject: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Message Siyanda BID 1MB.pdf

Dear Regulatory Authority,

1. PROJECT BACKGROUND
 Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

In broad terms the proposed Siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines. More detail on the proposed project including a locality map are included in the Background Information Document (BID) attached.

2. INVITATION
 You have been identified as a key regulatory authority for this project and are cordially invited to attend the regulatory authorities meeting which has been planned. The details of the meeting are outlined below:

Date: Thursday 23 July 2015
Venue: Swartklip Recreational Centre
Time: 14h00

This meeting will be followed by a site visit for authorities that are interested. Please confirm your attendance or your department's representation at this meeting for planning and catering purposes by Monday 20th July 2015.

3. PUBLIC PARTICIPATION
 A public participation process is being conducted as an integral part of the NEMA process being followed. As an interested and/or affected party (IAP), you are invited to participate in the process. Five public scoping meetings have been arranged as part of the scoping phase public participation process. The purpose of the meetings will be to present information on the project and the potential environmental impacts; and to obtain input from IAPs on any related issues, concerns and questions. The same information will be presented at all meetings. You are further invited to attend any of these meetings should you wish to do so.

The details of the five public meetings are provided in the table below:

Date	Venue	Time
21 July 2015	Mmantsere Tribal Office	11h00
21 July 2015	Swartklip Recreational Centre	16h00
22 July 2015	Khwetsheza Community Meeting Point	09h00
22 July 2015	Sefikile Lekgotla Office	14h00
23 July 2015	Northam Town Hall	09h00

I look forward to your positive response.

Please do not hesitate to contact me should you have any further queries.

Caitlin Hird

File Message

Ignore Delete Reply Reply All Forward More Move OneNote Actions Mark Unread Categorize Follow Up Translate Select Zoom

From: Caitlin Hird
To: mabitselams@thabazimbi.gov.za; pietjvr@thabazimbi.gov.za
Cc:
Subject: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Sent: Thu 2015/07/09 12:29 PM

Message Siyanda BID 1MB.pdf

Dear Regulatory Authority,

1. PROJECT BACKGROUND
Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

In broad terms the proposed Siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines. More detail on the proposed project including a locality map are included in the Background Information Document (BID) attached.

2. INVITATION
You have been identified as a key regulatory authority for this project and are cordially invited to attend the regulatory authorities meeting which has been planned. The details of the meeting are outlined below:

Date: Thursday 23 July 2015
Venue: Swartklip Recreational Centre
Time: 14h00

This meeting will be followed by a site visit for authorities that are interested. Please confirm your attendance or your department's representation at this meeting for planning and catering purposes by Monday 20th July 2015.

3. PUBLIC PARTICIPATION
A public participation process is being conducted as an integral part of the NEMA process being followed. As an interested and/or affected party (IAP), you are invited to participate in the process. Five public scoping meetings have been arranged as part of the scoping phase public participation process. The purpose of the meetings will be to present information on the project and the potential environmental impacts; and to obtain input from IAPs on any related issues, concerns and questions. The same information will be presented at all meetings. You are further invited to attend any of these meetings should you wish to do so.

The details of the five public meetings are provided in the table below:

Date	Venue	Time
21 July 2015	Mmantserre Tribal Office	11h00
21 July 2015	Swartklip Recreational Centre	16h00
22 July 2015	Khwetsheza Community Meeting Point	09h00
22 July 2015	Sefikile Lekgotla Office	14h00
23 July 2015	Northam Town Hall	09h00

I look forward to your positive response.

Please do not hesitate to contact me should you have any further queries.

Caitlin Hird

File Message

Ignore X Reply Reply Forward Meeting
Delete All Respond

Move OneNote Rules Actions Move
Move

Mark Unread Categorize Follow Up
Tags

Translate Find Related Select Zoom
Editing

From: Ntsako Baloyi Sent: Mon 2015/07/20 10:52 AM
To: Caitlin Hird; dkovarsky@siyandaresources.co.za; dpuplessis@siyandaresources.co.za; johan.liebenberg@gips.co.za; Brandon Stobart; Ntsako Baloyi; pburger@siyandaresources.co.za; andre.esterhuizen@tenova.com; Rphillips@siyandaresources.co.za; blebeko@siyandaresources.co.za; portia.kgaboesele@angloamerican.com; moefi7.pk@gmail.com; William Berry; malunganitp@ledet.gov.za; lveto@environment.gov.za; msolomons@environment.gov.za; nemutandani@dwa.gov.za; lekgaumah@nda.agric.za; modipadim@nda.agric.za; ANMagada@ruraldevelopment.gov.za; Ramalamulap@sac.limpopo.gov.za; vramalamula@webmail.co.za; rmashego@waterberg.gov.za; skoenait@waterberg.gov.za; lebogang.mataboge@bbkta.co.za; sandram@moseskotane.gov.za; sharonr@moseskotane.gov.za; kagisomorapedi@hotmail.com; moloisia@drt.limpopo.gov.za
Cc:
Subject: RE: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Dear Authorities

Please confirm your attendance or your department's representation at the following meeting. This is important in order to finalise catering arrangements.

I look forward to your response.

Kind Regards

Ntsako Baloyi
Environmental Assessment Practitioner
SLR Consulting (South Africa) (Pty) Ltd
Email: nbaloyi@slrconsulting.com
Mobile: +27 82 472 4919
Tel: +27 11 467 0945
Ext: 2033
Fax: +27 11 467 0978

From: Caitlin Hird
Sent: 06 July 2015 02:23 PM
Subject: Siyanda Chrome Smelting Company | Information document and notice of authority meeting and site visit 23 July 14h00

Dear Regulatory Authority,



1. PROJECT BACKGROUND
Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

In broad terms the proposed Siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines. More detail on the proposed project including a locality map are included in the Background Information Document (BID) attached.

2. INVITATION
You have been identified as a key regulatory authority for this project and are cordially invited to attend the regulatory authorities meeting which has been planned. The details of the meeting are outlined below:

Date: Thursday 23 July 2015
Venue: Swartklip Recreational Centre
Time: 14h00

This meeting will be followed by a site visit for authorities that are interested. Please confirm your attendance or your department's representation at this meeting for planning and catering purposes by Monday 20th July 2015.

 Ntsako Baloyi 

File Message

Ignore X Delete Reply Reply All Forward Meeting More Move OneNote Mark Unread Categorize Follow Up Translate Related Select Zoom

Delete Respond Move Tags Editing Zoom

From: Caitlin Hird Sent: Fri 2015/07/03 01:55 PM
To:
Cc:
Bcc: thestablesmarietjies@gmail.com; marrison@worldonline.co.za; malanste@legalcom.co.za; phufane@telkomsa.net; pier.devries@angloamerican.com; Zama.mthombeni@samancorcr.com; Barbara@benhausgroup.com; planwize@telkomsa.net; shonalanga@webmail.co.za; RoestoK@eskom.co.za; Corneels@fenceandgate.co.za; neo.pilane@bbksic.co.za; Lebogang.Mataboge@bbkta.co.za; johannuys01@gmail.com; Lindi.vanrooyen@lonmin.com; knoeth2@angloplat.com; cvrooyen@angloplat.com; bmp@telkomsa.net; mzitha@angloplat.com; mzitha01@angloamerican.co.za; philip.schoeman@angloamerican.com; info@hilltoplive.co.za; tony@hilltoplive.co.za; Carel@hilltoplive.co.za; Rodgersmc@ledet.gov.za; dkovarsky@siyandaresources.co.za; pdupllessis@siyandaresources.co.za; johan.liebenberg@glps.co.za; Brandon Stobart; Ntsako Baloyi; pburger@siyandaresources.co.za; andre.esterhuizen@tenova.com; Rphillips@siyandaresources.co.za; blebeko@siyandaresources.co.za; portia.kgaboesele@angloamerican.com; moefi7.pk@gmail.com
Subject: Siyanda Chrome Smelting Company | Information document and notice of public meetings

Message

Dear Interested and Affected Party (IAP)

Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of environmental consultants, has been appointed by SCSC to manage the environmental assessment process and you have been identified as an IAP whom might wish to obtain more information on the proposed project.

This email serves to provide you with the Background Information Document (BID) for the proposed project as well as notification of the public scoping meetings which will be held between the 21st and 23rd of July 2015. Please note that these meetings have also been advertised today (Friday 3rd July) in the Kwevoel and The Sowetan newspapers.

Should you have any queries please do not hesitate to contact me.

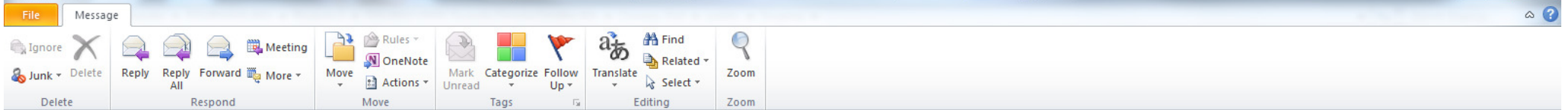
Thank you

Caitlin Hird
Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd

Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa

Caitlin Hird



From: Jonathan Lennox <jonathan@glps.co.za> Sent: Tue 2015/07/14 02:23 PM
To: MotsisiL@eskom.co.za
Cc: dkovarsky@siyandaresources.co.za; Caitlin Hird
Subject: RE: Siyanda Chrome Smelting Company | Information document and notice of public meetings

Message Siyanda Smelter 132kV OHL routing.pdf

From: Caitlin Hird [<mailto:chird@slrconsulting.com>]
Sent: 03 July 2015 01:55 PM
Subject: Siyanda Chrome Smelting Company | Information document and notice of public meetings

Dear Interested and Affected Party (IAP)

Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of environmental consultants, has been appointed by SCSC to manage the environmental assessment process and you have been identified as an IAP whom might wish to obtain more information on the proposed project.

This email serves to provide you with the Background Information Document (BID) for the proposed project as well as notification of the public scoping meetings which will be held between the 21st and 23rd of July 2015. Please note that these meetings have also been advertised today (Friday 3rd July) in the Kwevoel and The Sowetan newspapers.

Should you have any queries please do not hesitate to contact me.

Thank you

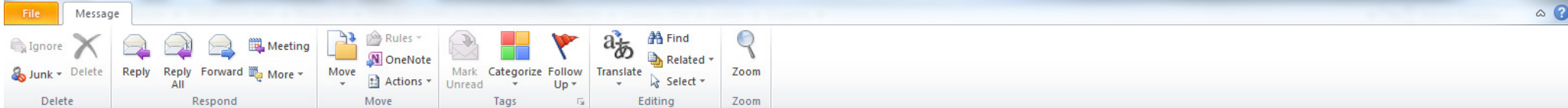
Caitlin Hird

Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd

Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

Jonathan Lennox





From: Jonathan Lennox <jonathan@glps.co.za> Sent: Tue 2015/07/14 02:23 PM
To: MotsisiL@eskom.co.za
Cc: dkovarsky@siyandaresources.co.za; Caitlin Hird
Subject: RE: Siyanda Chrome Smelting Company | Information document and notice of public meetings

Message Siyanda Smelter 132kV OHL routing.pdf

From: Koos Roestoff
Sent: 03 July 2015 02:37 PM
To: Caitlin Hird; Lungile Motsisi
Subject: RE: Siyanda Chrome Smelting Company | Information document and notice of public meetings

Lungile,
Please see mail to register as an IAP.
The customer are proposing to build a new 132kV powerline out of Spitskop Tx substation (Northam).

Regards.

Koos Roestoff
Polokwane | Lephalale | Groblersdal | Land & Rights



Land Development & Environmental Management
Distribution Division | Limpopo Operating Unit
PO Box 3499, 92 Hans van Rensburg Street, POLOKWANE, 0700
T: +27 15 299 0509 (8451 5509) | C: +27 83 650 9055 | F: 086 539 6115 | E: roestok@eskom.co.za

Jonathan Lennox



File Message

Ignore X Reply Reply Forward Meeting More Move OneNote Actions Mark Unread Categorize Follow Up Translate Find Related Select Zoom

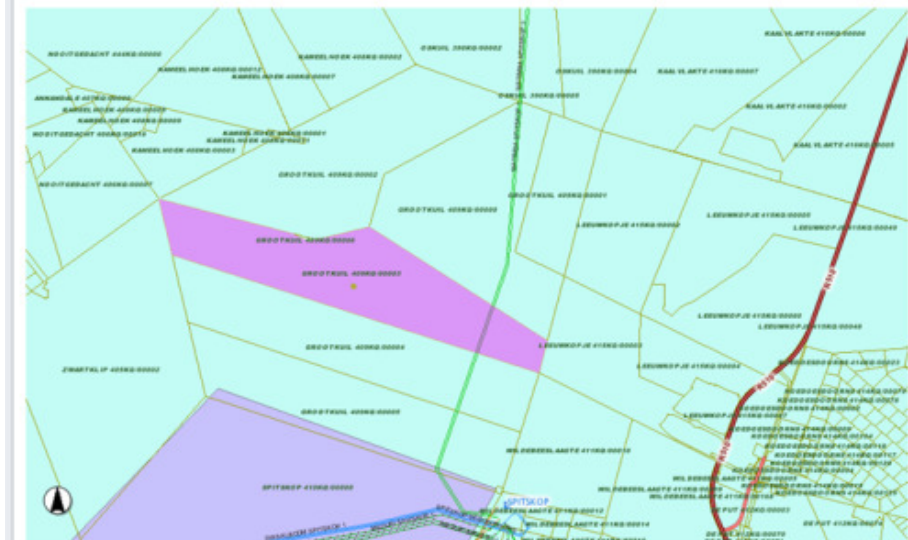
Delete Respond Move Unread Tags Editing Zoom

From: Jonathan Lennox <jonathan@glps.co.za> Sent: Tue 2015/07/14 02:23 PM
To: Motsisi_L@eskom.co.za
Cc: dkovarsky@siyandaresources.co.za; Caitlin Hird
Subject: RE: Siyanda Chrome Smelting Company | Information document and notice of public meetings

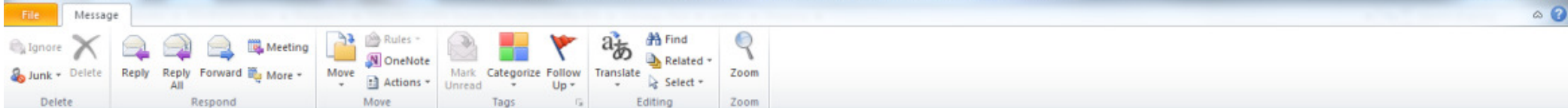
Message Siyanda Smelter 132kV OHL routing.pdf

From: Lungile Motsisi [mailto:Motsisi_L@eskom.co.za]
Sent: 14 July 2015 02:08 PM
To: Caitlin Hird
Subject: FW: Siyanda Chrome Smelting Company | Information document and notice of public meetings

Dear Caitlin,
Please see the attached services(Matimba-Spibokop 1&2 400kV power lines) we have on ptn 3 and provide me with the layout of the proposed smelter and power line.



Regards,
Lungile Motsisi



From: Jonathan Lennox <jonathan@gjps.co.za> Sent: Tue 2015/07/14 02:23 PM
 To: Motsisi@eskom.co.za
 Cc: dkovarsky@siyandaresources.co.za; Caitlin Hird
 Subject: RE: Siyanda Chrome Smelting Company | Information document and notice of public meetings

Message: [Siyanda Smelter 132kV OHL routing.pdf](#)

Good day Lungile

Please find the attached pdf showing the proposed routing of the 132kV line for the smelter complex. The line is indicated in yellow.

Please let me know if the routing is not clear.

Best regards



Domestic 086 146 8886
 International +27 13 244 1026
 Mobile +27 79 877 6063
 Email jonathan@gjps.co.za
 Web www.gjps.co.za

JONATHAN LENNOX

From: Caitlin Hird [<mailto:chird@sjrconsulting.com>]
 Sent: 14 July 2015 14:12
 To: Jonathan Lennox
 Cc: dkovarsky@siyandaresources.co.za
 Subject: FW: Siyanda Chrome Smelting Company | Information document and notice of public meetings

Hi Jonathan

I hope you're having a good week.

I've just received this email from Lungile from Eskom whom (from what I understand) works with Koos.

Since you have been involved with Eskom and have already established correspondence with the right people, I thought you might want to handle the response to this with site layout etc. as requested?

If not I will gladly do so, just let me know.

Thanks

From: Lungile Motsisi [<mailto:Motsisi@eskom.co.za>]
 Sent: 14 July 2015 02:08 PM
 To: Caitlin Hird

Jonathan Lennox



File Message

Ignore X Delete Reply Reply All Forward Meeting More Move OneNote Actions Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Move Tags Editing Zoom

From: Caitlin Hird
To: Ben Vorster
Cc:
Subject: RE: Proposed smelter in Northam

Sent: Fri 15/07/17 01:56 PM

Good afternoon Ben

Thank you for your email. I have sent you more information on the project and have also added your details to the database for interested and affected parties (IAPs).

Caitlin Hird
Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd
E-Mail: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa

Confidentiality Notice and Disclaimer

This communication and any attachment(s) contain information which is confidential and may also be legally privileged. It is intended for the exclusive use of the recipient(s) to whom it is addressed. If you are not the intended recipient, any disclosure, copying, distribution or any action taken or omitted to be taken in reliance on it, is prohibited and may be unlawful. If you have received this communication in error please email us by return mail and then delete the email from your system together with any copies of it. Please note that you are not permitted to print, copy, disclose or use part or all of the content in any way.

Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions however caused and SLR accepts no responsibility for changes made to this email or any attachment after transmission from SLR. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

Any views or opinions are solely those of the author and do not necessarily represent those of SLR Management Ltd, or any of its subsidiaries, unless specifically stated.

SLR Consulting (South Africa) (Proprietary) Limited and SLR Consulting (Africa) (Proprietary) Limited are both subsidiaries of SLR Management Ltd.
Registered Office: Unit 7, Fourways Manor Office Park, Cnr Roos and Macbeth Street, Fourways, 2191, Gauteng, South Africa

-----Original Message-----
From: Ben Vorster [mailto:ben@ben.co.za]
Sent: 17 July 2015 07:41 AM
To: Caitlin Hird
Subject: Proposed smelter in Northam

Hi

I have businesses in Northam
Could you please send me more information about the proposed smelter

Thank you

Ben Vorster
083 3042685

File Message

Ignore X Reply Reply All Forward Meeting Move OneNote Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Move Tags Editing Zoom

From: Caitlin Hird
To: Derik de Jager
Cc:
Subject: Siyanda BID and presentation

Sent: Fri 2015/07/24 08:58 AM

Message Siyanda BID.pdf Public Scoping meeting presentation_Siyanda.pdf

From: Derik de Jager [<mailto:derik@khalanyoni.co.za>]
Sent: 23 July 2015 02:53 PM
To: Caitlin Hird
Subject: SCSC

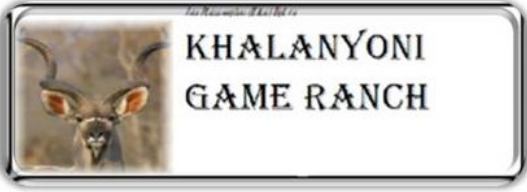
Hi Caitlin

Could you please forward me a copy of the Background information document for the development of the proposed new ferrochrome smelter?

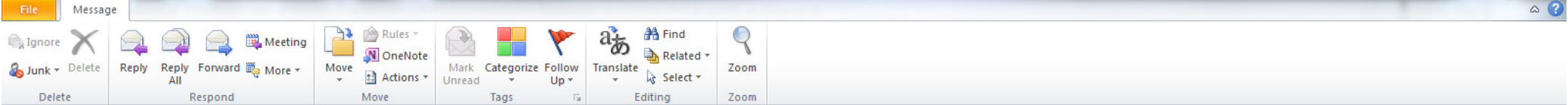
Thank you.

Groete

Derik de Jager
Bestuurder
Khalanyoni Game Ranch
Sel: 073 423 8440



Information from ESET NOD32 Antivirus, version of virus signature database 11984 (20150723)



From: Caitlin Hird
To: Derik de Jager
Cc:
Subject: Siyanda BID and presentation
Sent: Fri 2015/07/24 08:58 AM

Message: Siyanda BID.pdf Public Scoping meeting presentation_Siyanda.pdf

Morning Derik

Thank you for attending the meeting on Thursday and for your comments.

Please see attached copy of the BID as well as the presentation given at the meeting. Please circulate this to anyone else whom you think might want to be involved in the public participation process. In addition, if there is anyone else specifically whom you feel I should add to the project database for information sharing going forward, please let me know and I'll do so.

Thanks

Caitlin Hird
Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd

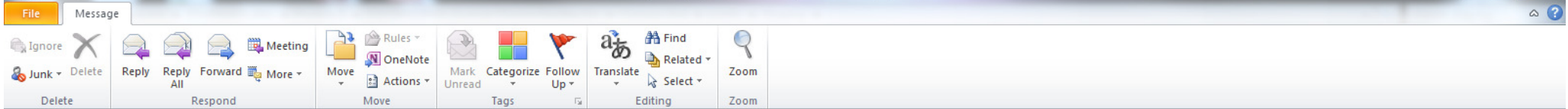
Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa

SLR global environmental solutions 1994-2014

Industry Infrastructure Mining & Minerals Oil & Gas Planning & Development Renewable & Low Carbon Waste Management

Confidentiality Notice and Disclaimer



From: Caitlin Hird
To: 'Ingrid Morrison'
Cc:
Bcc: 'Piers du Plessis'
Subject: Siyanda | Registration and Response

Sent: Fri 2015/07/24 09:12 AM

Message | SLR Consulting - Environmental Assessment.pdf | Public Scoping meeting presentation_Siyanda.pdf

Good morning Ingrid,

Thank you for your registration form and comments attached. Your concerns have been noted and will be included in the "comments and response report" which will form part of the scoping report for public and authority review.

During the EIA/EMP phase all comments and concerns raised by IAPs and authorities will be addressed and responded to in greater detail, given that all the necessary specialist investigations will have been completed by this stage.

In addition to the BID which you received previously, kindly find attached a copy of the presentation given during the public scoping meetings held this week.

Should you have any further comments, please let me know.

Thanks

From: Ingrid Morrison [<mailto:morrison@worldonline.co.za>]
Sent: 21 July 2015 09:15 AM
To: Caitlin Hird
Subject: Registration and Response

Good morning Caitlin,

Attached, my registration as an interested and affected party pertaining to the new proposed development of a ferrochrome smelter on portion 3 of the fam Grootkuil 409 KQ.

Regards,
Ingrid Morrison

 Caitlin Hird



File Message

Ignore X Reply Reply All Forward Meeting More Move OneNote Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Move Tags Editing Zoom

From: Caitlin Hird
To: thestablesmarietjes@gmail.com; 'smegil@lantic.net'
Cc:
Subject: Siyanda | Presentation from scoping meetings

Sent: Fri 2015/07/24 09:06 AM

Message Public Scoping meeting presentation_Siyanda.pdf

Good morning ladies,

As promised please see attached a copy of the presentation given during this week's meetings. Please feel free to circulate this to anyone whom you feel might like to be involved in the public participation phase of the project.

If there is anyone else whose details you feel should be specifically added to our project database please let me know and I will add these to our existing list of IAPs (these may be people whom weren't able to attend the meetings but might wish to be kept informed on the project).

If there are any other issues that come to mind which you would like to have addressed as part of the EIA/EMP phase please don't hesitate to let me know.

Thank you

 Caitlin Hird




File Message

Ignore X Reply Reply All Forward Meeting Move OneNote Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Move Tags Editing Zoom

From: Caitlin Hird
To: 'schalla@svsboerdery.co.za'
Cc:
Subject: Siyanda | Information sharing with IAPs

Sent: Fri 2015/07/24 11:28 AM

Message  Siyanda BID.PDF

Dear Interested and Affected Party (IAP),

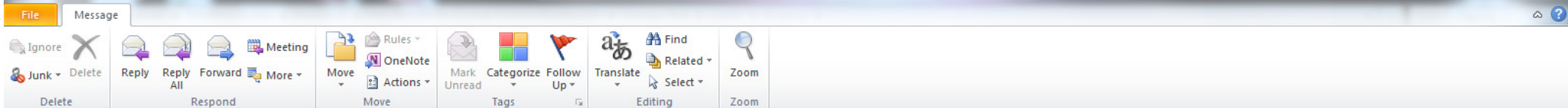
Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

In broad terms the proposed Siyanda ferrochrome smelter project will comprise a railway siding, a raw materials offloading area, two 70 MW DC furnaces, crushing and screening plant, slag dump, and related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines. More detail on the proposed project including a locality map are included in the Background Information Document (BID) attached.

SLR Consulting has been appointed to manage the Environmental Impact Assessment (EIA) process for the proposed project, which includes the compilation and response to all comments/concerns from stakeholders/IAPs.

Should you wish to submit any comments or concerns to be addressed as part of the EIA process going forward, please do not hesitate to forward these to me.

Thank you



From: Caitlin Hird
To: pier.devries@angloamerican.com
Cc: Piers du Plessis; dkovarsky@siyandaresources.co.za
Subject: Sewage treatment plant update and summary of comments from Union Mine

Sent: Thu 2015/08/06 08:51 AM

Morning Pier,

I hope you had a good holiday, I'm sure it feels like a long time ago! Theunis was very helpful in assisting with our hydrocensus while you were away, please thank him again on our behalf.

We held the scoping meetings from 21 to 23 July and had some valid comments from stakeholders, all of which will be addressed as part of the EIA process. The incapacity of the sewage treatment system was something that came up several times and we will need to provide some feedback on this in the EIA. I believe there was/will be some investment from Anglo made towards the upgrade/maintenance of the plant, however I just wanted to clarify this with you so that I have some context. Are you able to provide me with an update on this?

Secondly, I'd also just like to confirm (following the meeting with yourself, Philip, Piers and I on 13th May) that the issues listed below are things which Union would like to see addressed as part of the Siyanda EIA. Since no residents from Swartklip Mine town itself attended the scoping meetings, we will assume that the issues below are representative of the concerns of the broader Swartklip community. If there are any other potential impacts/issues which you would like to be addressed as part of the EIA, please do not hesitate to let me know. From our meeting note I have the following:

- Air quality impacts
- Noise related impacts
- Water related impacts
- Siyanda should assist in the maintenance of the boundary fence between portions 3 and 4 of Grootkuil
- Ideally no housing development to be constructed on site for the purposes of the project
- Where possible, employment should be from local communities first
- On-going stakeholder engagement meetings/forums should be held
- Relevant IAPs from the Wildebeeslaagte development should be engaged
- The solar project should be engaged.

I will be in touch when I am next on site so we can get together over some coffee and I can bring you up to date with where we are in the process.

Thanks Pier, much appreciated.

Caitlin Hird

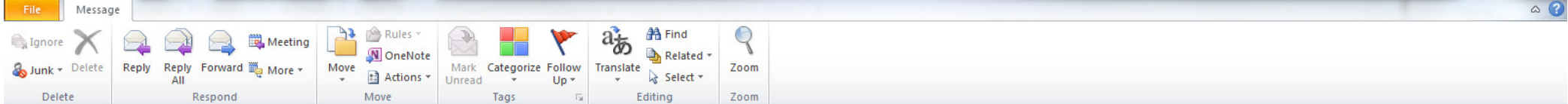
Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd

Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

SLR Africa (Block 7)

 Caitlin Hird





From: Caitlin Hird
To: jbotha@ages-group.com
Cc: William Berry
Subject: Siyanda Chrome Smelting Project
Sent: Thu 2015/08/06 12:06 PM

Message 2015-07-24-Siyanda BID English.pdf

Good afternoon Mr Botha,

I understand that you spoke to my colleague William Berry (cc'd) and would like to be registered as an IAP for the Siyanda Chrome Smelter Project, located adjacent to the Union Section Mine, approximately 5 km north west of Northam.

Kindly note that your details have been added to the database and attached is the background information document (BID) if you wish to obtain more information.









Should you wish to submit any comments on the project, on behalf of the solar project, please do not hesitate to do so.

Thank you

Caitlin Hird
Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd

Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa



Industry Infrastructure Mining & Minerals Oil & Gas Planning & Development Renewable & Low Carbon Waste Management

Confidentiality Notice and Disclaimer

File Message

Ignore X Reply Reply All Forward Meeting Move OneNote Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Move Tags Editing Zoom

From: Caitlin Hird
To: koekoeks@kameelhoek.co.za
Cc: William Berry
Subject: Siyanda Background Information Document
Sent: Thu 2015/09/10 11:44 AM

Message 2015-07-24-Siyanda BID English.pdf

Good Day,

I understand that your farm was visited by the SLR hydrocensus team as part of the Environmental Impact Assessment being undertaken by SLR for the proposed Siyanda smelter project which will be located immediately adjacent to the existing Swartklip/Union Section Mine.

Please see attached Background Information Document (BID) providing more information on the project. Should you wish to raise any comments/concerns please contact me directly so that these issues can be included as part of the EIA investigation.

Please feel free to pass the attached on to anyone else whom you feel might wish to be registered as a stakeholder on the project database.

Thank you

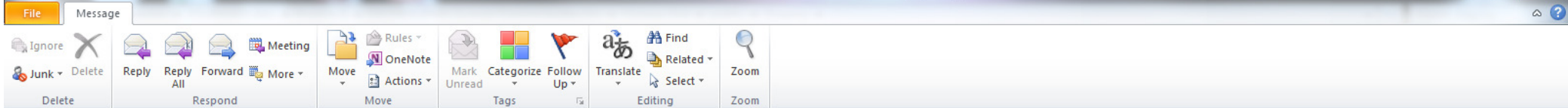
Caitlin Hird
Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd

Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa

SLR global environmental solutions

Industry Infrastructure Mining & Minerals Oil & Gas Planning & Development Renewable & Low Carbon Waste Management



You forwarded this message on 2015/08/28 01:23 PM. Sent: Fri 2015/08/28 01:14 PM
From: Caitlin Hird
To: Marlaine Andersen
Cc: William Berry
Subject: RE: New Ferrochrome Smelter : Siyanda Chrome

Message 2015-07-24-Siyanda BID English.pdf

Registered Office: Unit 7 Fourways Manor Office Park, Cnr Roos and Macbeth Street, Fourways, 2191, Gauteng, South Africa

From: Marlaine Andersen [<mailto:MarlaineA@L2B.co.za>]
Sent: 21 August 2015 10:58 AM
To: Caitlin Hird
Subject: New Ferrochrome Smelter : Siyanda Chrome

Hi Caitlin

Please could I register as an Interested Party for the above proposed project that is undergoing an EIA?

Please could you also email me the Background Information Document and any other documentation that is available for this project?

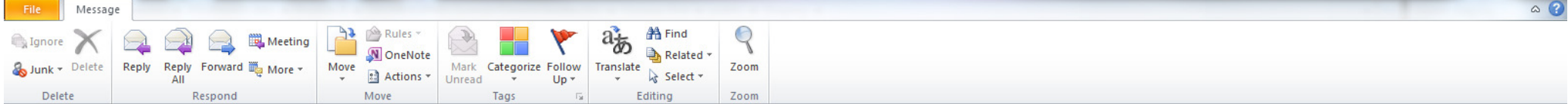
Many thanks
Kind regards

Marlaine Andersen
Senior Regional Content Researcher
Private Projects
Leads 2 Business (www.L2B.co.za)

Tel: 0860 836337
0860 TENDER
Fax: 033 3435882

This e-mail is for the intended addressee only. If you have received it in error, please notify the sender by e-mail. Dissemination or copying is prohibited unless permitted by the sender, and then only by the intended addressee. Whilst reasonable measures are used to guard against the transmission of malicious code, no liability is accepted for its transmission. If this e-mail is not related to the business of Cedrus Internet Solutions (Pty) Ltd, it is sent by the above mentioned in their individual capacity and not on behalf of Cedrus Internet Solutions (Pty) Ltd.
Please note that any views expressed in this email may be those of the originator and do not necessarily reflect those of Cedrus Internet Solutions (Pty) Ltd.

Caitlin Hird



You forwarded this message on 2015/08/28 01:23 PM. Sent: Fri 2015/08/28 01:14 PM
From: Caitlin Hird
To: Marlane Andersen
Cc: William Berry
Subject: RE: New Ferrochrome Smelter : Siyanda Chrome

Message | 2015-07-24-Siyanda BID English.pdf

Good afternoon Marlane,
As requested, please see attached BID for the proposed Siyanda Ferrochrome Smelter project.
I have added you to the project database and you will be advised as and when documents/reports become available for public review and comment.
Thank you

Caitlin Hird
Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd
Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa



Confidentiality Notice and Disclaimer

File Message

Ignore X Reply Reply All Forward More Meeting Move OneNote Mark Unread Categorize Follow Up Translate Find Related Select Zoom

Delete Respond Move Move Tags Editing Zoom

From: Caitlin Hird
To: 'Michael.Visser@transnet.net'
Cc: William Berry
Subject: Siyanda (Limpopo) proposed Ferrochrome smelter project | BID for IAPs (Transnet)

Sent: Thu 2015/09/10 01:40 PM

Message Siyanda BID.PDF

Dear Interested and Affected Party (IAP) (Transnet)

Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province.

SLR Consulting (Africa) (Pty) Ltd (SLR), an independent firm of environmental consultants, has been appointed by SCSC to manage the environmental assessment process and you have been identified as an IAP whom might wish to obtain more information on the proposed project.

This email serves to provide you with the Background Information Document (BID) for the proposed project.

Should you require any further information or wish to submit comments/concerns which you would like addressed as part of the EIA process, please do not hesitate to contact me.

Thank you

REGISTERED LETTER
(with a domestic insurance option)
• Full Domestic tracking and tracing
• Domestic Enquiries:
ShareCall 0860 111 502 www.sapo.co.za
RD 967 038 311 ZA

26/11/2015



REGISTERED LETTER
(with a domestic insurance option)
ShareCall 0860 111 502 www.sapo.co.za
RD 967 038 311 ZA
CUSTOMER COPY 301028R

Manala Isaac
Ward Councillor
Ward 5
PO Box 187
Northam
0360

osing
no re
cated
the
: (see

POSTNET
Fourways Mail
Private Bag X033, Rivonia, 2128
Tel: (011) 465-8272/77



global environmental solutions

**ENVIRONMENTAL IMPACT ASSESSMENT
FOR THE PROPOSED SIYANDA
FERROCHROME SMELTER**

PUBLIC SCOPING MEETINGS

21-23 JULY 2015

AGENDA

- Welcome and opening
- Overview of the proposed project
- Environmental process overview
- Overview of the existing status of the environment
- Anticipated environmental impacts
- General discussion
- Close

global environmental solutions



MEETING PROTOCOL

- Please switch cell phones off or onto a silent setting
- There will be a dedicated question and answer session
- Before asking a question, please raise your hand and state your name clearly so that we may correctly record it in the minutes
- This is a Scoping Meeting, and therefore the emphasis is on recording the questions and comments correctly, so that they may be addressed during the Scoping Report or Environmental Impact Assessment. Not all the answers are available at this stage.

global environmental solutions



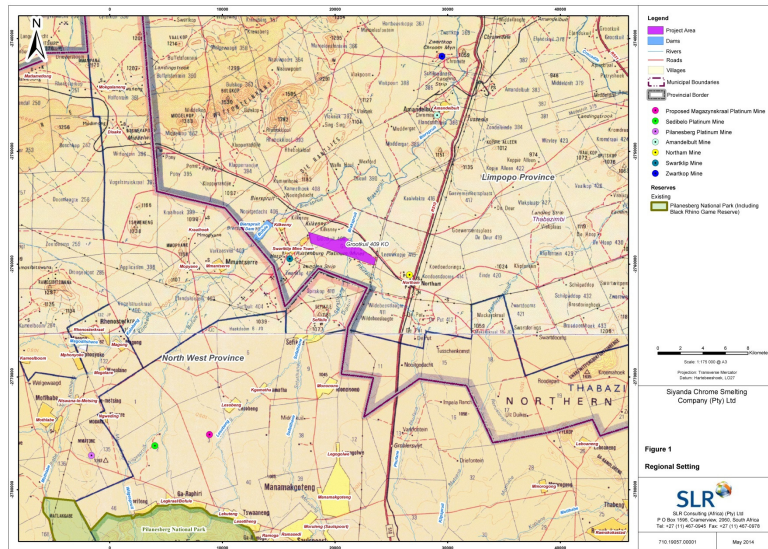
OVERVIEW OF PROPOSED PROJECT (1)

- Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KO located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province. The proposed project will comprise:
 - two 70 MW DC furnaces
 - railway siding
 - raw materials offloading area
 - crushing and screening plant
 - slag dump
 - related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines.

global environmental solutions



LOCAL SETTING OF PROPOSED PROJECT

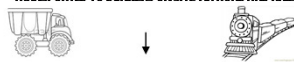


global environmental solutions



OVERVIEW OF PROPOSED PROJECT (2)

RAW MATERIALS
(CHROME CONCENTRATE FROM TAILINGS, REDUCTANT & FLUX)
TRANSPORTED TO BUNKERS ON SITE VIA ROAD AND RAIL



CHROME CONCENTRATE & FLUX/REDUCTANT MOVES THROUGH DRYERS AND THEN INTO PROPORTIONING BINS (SILOS)



COMBINED MATERIAL (READY FOR SMELTING) TO FURNACE FOR SMELTING AND TAPPING OF METAL AND SLAG

TAPPED METAL IS BROKEN INTO SIZEABLE PIECES AND THEN MOVED TO CRUSHING AND SCREENING PLANT AFTER WHICH FERROCHROME INGOTS ARE ALLOWED TO COOL

OFFGAS PASSES THROUGH BAGHOUSE GAS CLEANING SYSTEM AND CLEANED GAS IS THEN RELEASED TO ATMOSPHERE

BAGHOUSE DUST IS PASSED THROUGH THE TRACTION SYSTEM

TAPPED SLAG

RAIL LOADING FACILITY (TO MARKET)

CO-DISPOSAL OF SLAG AND BAGHOUSE DUST ON SINGLE SLAG DUMP FACILITY OR ON TO SEPARATE DISPOSAL FACILITIES



global environmental solutions



OVERVIEW OF PROPOSED PROJECT (3)

- **Services:**
 - Water: Potable water will be made available from the local municipality, neighbouring mine, and/or from boreholes on or near to the site.
 - Power: Power will be sourced from the Eskom substation at Spitskop (south east of the farm Grootkuil) via two 132 kV lines which will be run along a single support structure.
 - Waste: General and hazardous non-mineralised waste generated by the proposed project will be collected on site, temporarily stored in designated areas and disposed at off site permitted waste disposal facilities.
 - Mineralised waste (slag and baghouse dust) will either be co-disposed of onto a single slag dump, or alternatively disposal of slag and baghouse dust will be onto two separate facilities.

global environmental solutions



OVERVIEW OF PROPOSED PROJECT (4)

- **Services:**
 - Sewage: Sewage will be treated at the municipal sewage handling farm.
 - Transport: The transportation of materials to and from site will be by road and rail. Road access to site will be via Dwaalboom Road (which runs between Northam and Swartklip). Within the site boundary, haul roads, conveyors and pipelines will be used.

global environmental solutions



OVERVIEW OF PROPOSED PROJECT (5)

- **Staff and housing:**
 - Job opportunities: Approximately 700 construction phase jobs and 280 operational phase jobs.
 - Operating times: At this stage it can be assumed that the smelter will be operational 24 hours a day and 7 days a week.
 - Housing: No workers will be housed on-site.
- **Other facilities:**
 - Material storage and handling areas (raw materials, product stockpiles, fuel, lubricants, process materials, general and hazardous substances)
 - Water management (clean and dirty water dams, clean and dirty storm water controls)
 - Communication and lighting facilities
 - Offices, change houses, ablutions, security facilities.

global environmental solutions



OVERVIEW OF PROPOSED PROJECT (6)

- **Timing:**
 - Construction is planned to commence in 1st quarter of 2017 subject to approvals.
- **Alternatives being considered include:**
 - Water supply (Borehole, municipal supply and neighbouring mines).
 - Electricity supply (Powerline routing alternatives have been considered. The preferred routing is deemed to have the lowest environmental footprint, and as far as possible will traverse Siyanda property through existing corridors of disturbance).
 - Processing method (AC vs DC furnace operation was considered. DC furnaces are considered to be preferable both from an efficiency and environmental impact perspective).
 - Surface infrastructure (Project infrastructure will be located close to neighbouring mine and the existing railway line to optimise processing efficiency and limit haulage costs of raw materials and product).

global environmental solutions



ENVIRONMENTAL PROCESS (1)

What is it?

- Assessment of the potential impacts of the proposed project on the environment
- Environment definition (water, soils, air etc)
- Implementing appropriate management measures

Why is it done?

- Legal requirement
- It is the right thing to do

global environmental solutions



ENVIRONMENTAL PROCESS (2)

How is it done?

- Scoping phase
 - Identification and participation of IAPs (landowners, adjacent landowners, land users, NGO etc.)
 - Identification of potential impacts and preliminary assessment*
 - Identification of possible mitigation measures*
 - Sets out scope of work for further investigations
- * This will be refined during the EIA/EMP phase
- Environmental Impact Assessment (EIA) and Environmental Management Programme (EMP) phase
 - Assessment of impacts with input from specialists where applicable
 - Outline mitigation measures including monitoring plan

global environmental solutions



ENVIRONMENTAL PROCESS (3)

Permissions required for the proposed project:

- Environmental authorisation (DEA)
- Waste License (DEA)
- Atmospheric Emissions License (DEA)
- Water use licence (DWS)

Authorities

- Regulatory authorities
- Local authorities

global environmental solutions



STATUS OF THE EXISTING ENVIRONMENT (1)

- **Geology**: Bushveld Igneous Complex (BIC). The BIC is an intrusive igneous body, extending about 400 km from east to west and about 350 km from north to south.
- **Climate**: Highveld Climatic Zone. The average annual precipitation ranges from 500mm to 700mm. Rainfall is generally in the form of thunderstorms. Prevailing wind direction is from the north, north-east, east and south east.
- **Topography**: Topographic elevation varies between 988 to 1002 metres above mean sea level (mamsl) and slopes gently towards the east south-east of the project area.

global environmental solutions



STATUS OF THE EXISTING ENVIRONMENT (2)

- **Soils and land capability:** Soils within the project area comprise structured soils, shallower soils, highly structured clay soils and wet soils. In general, the pH ranges from slightly acid to neutral soils with the dryland agricultural growth potential on soils being poor.
- **Land use:** It should be noted that the majority of the proposed project area has been cultivated (mealie and sunflower lands). Surrounding land is used for a combination of livestock grazing, game farming, mining and associated rail network, road network and sparsely situated residences.

global environmental solutions



STATUS OF THE EXISTING ENVIRONMENT (3)

- **Animal life:** Several bird and mammal species are expected to occur within the project area. It should be noted that the faunal population in the surrounding area in particular has been disturbed due to existing mining and agricultural activities. More common species observed on site include warthog, porcupine, reedbuck, black-backed jackal, kudu, duiker and steenbuck.
- **Plant life:** The proposed project area is located in the Savannah Biome. The main vegetation type within the project area is referred to as Dwaalboom Thornveld which is considered Least Threatened. The majority of the proposed project area has already been disturbed due to cropping activities and historical over-grazing, however surrounding areas host a high abundance of Camel Thorn trees. These trees are protected tree species in terms of the National Forests Act of 1998 (Act 84 of 1998).

global environmental solutions



STATUS OF THE EXISTING ENVIRONMENT (4)

- **Surface water:** The proposed project area is located in quaternary catchment A24E. The Brakspruit, Sefathlane and Phufane rivers (all non perennial) run north through the farm Grootkuil towards the Bierspruit River which then drains in a north westerly direction eventually joining the Limpopo River approximately 100 km downstream.
- **Groundwater:** The region consists of a shallow and weathered aquifer which is also laterally connected to aquifers along the weathered zones associated with drainage lines as well as a separate deeper, intact fractured bedrock aquifer. It is expected that water in the weathered aquifer is 12m and 50m below ground level.
- **Air quality:** The surrounding ambient air quality has been influenced by neighbouring mines, household fuel combustion, vehicle tailpipe emissions and rail related fuel combustion as well as agricultural activities associated with cropping and land clearing.

global environmental solutions



STATUS OF THE EXISTING ENVIRONMENT (5)

- **Noise:** The greater area is generally defined by rural features and is not subjected to elevated noise levels. Existing noise in the project area is mainly caused by surrounding farming activities, localised traffic, train movements and nearby mining operations.
- **Visual:** The proposed project area can be described as bushveld plains interrupted by existing agricultural activities and mining operations which have affected the sense of place and natural visual character of the area.
- **Heritage/cultural & palaeontological resources:** It is not likely that palaeontological resources exist within the proposed project area due to the geology of the area. The project area is underlain by igneous rocks which are Precambrian in age. In addition to this it is expected that any existing cultural and palaeontological resources would have already been disturbed through cropping activities.

global environmental solutions



STATUS OF THE EXISTING ENVIRONMENT (6)

- **Socio-economic:** There are private landowners and several communities located within proximity to the project area. Private landowners typically use the land for cropping, and livestock and game farming. Communities in the area typically use land for cattle grazing and other community related activities. The socio-economic conditions of these communities ranges from poor to fair, with the exception of communities such as the Swartklip mine town where employment rates and related poverty is reduced. In general, there is a high level of unemployment with a dependency on subsistence agriculture, the public sector, seasonal workers and employment in the mining sector. Water provision and sanitation remains a challenge.

global environmental solutions



POTENTIAL ENVIRONMENTAL IMPACTS

- Loss and sterilisation of mineral resources
- Hazardous excavations and infrastructure and surface subsidence
- Loss of soil and land capability
- Biodiversity (Loss of Fauna and Flora)
- Surface water (Alteration of drainage patterns and pollution of surface water resources)
- Groundwater (Contamination of groundwater and lowering of groundwater levels)
- Air pollution (Dust and PM emissions)
- Noise pollution
- Visual (Negative visual impacts)
- Road use and traffic (capacity alignment and safety)
- Blasting impacts (limited to construction purposes only)
- Loss of heritage and palaeontological resources
- Change in land use
- Socio-economic (Positive and negative socio-economic impacts)

global environmental solutions



QUESTIONS, COMMENTS AND QUERIES

global environmental solutions



WAY FORWARD

- Scoping Report public and authority review (between end 2015 and early 2016):
 - Summary (English/ Setwana): via post, fax and e-mail
 - Scoping report (English): at public venues
 - Suggested venues (Waterberg District Municipality, Thabazimbi Local Municipality, Northam Public Library, Northam Stock-Fare Grounds, Kwetsheza Community (home of Ward Councillor), Mantserre Community (home of Ward Councillor), Swartklip Recreational Centre): any other suggested venues?
- Regulatory authorities and IAPs: 30 days to submit comments on scoping report
- Conduct specialist investigations and complete EIA/EMP report in accordance with scoping terms of reference
- Regulatory authorities and IAPs: 30 days to submit comments on EIA/EMP report
- Stakeholder feedback meetings in EIA Phase and opportunity to review EIA/EMP report

global environmental solutions







SIYANDA CHROME SMELTING COMPANY (SCSC)

**MINUTES OF THE PUBLIC SCOPING MEETING HELD FOR THE DEVELOPMENT OF THE
PROPOSED SIYANDA FERROCHROME SMELTER**

DATE	10h00, 21 July 2015
VENUE:	Mmansterre Community Hall
PROJECT:	The proposed development of the Siyanda Ferrochrome Smelter
SLR COMPANY:	SLR Consulting (Africa) (Pty) Ltd
PROJECT NUMBER:	710.19057.00001
PURPOSE:	The purpose of the meeting was: <ul style="list-style-type: none">• To provide an overview of the proposed project• To provide an overview of the environmental assessment process that will be undertaken for the proposed project• To provide an overview and obtain input on the existing status of the environment• To outline and obtain input on potential impacts identified for the proposed project• To record any issues and concerns raised by regulatory authorities• Agree on the way forward and the logistics for report distribution
ATTENDANCE:	An attendance register is presented in Appendix 1.

1. OPEN AND INTRODUCTION

Ntsako Baloyi (NB) opened the meeting and introduced SLR Consulting (Africa) (Pty) Ltd (SLR) represented by Caitlin Hird (CH), William Berry (WB), Brandon Stobart (BS) and himself. NB then introduced Siyanda Chrome Smelting Company (SCSC) (the applicant) represented by Bheki Lebeko (BL) and Portia Kgaboesele (PK) and Tenova represented by Andre Esterhuizen (AE).

2. PRESENTATIONS

NB gave a presentation outlining the environmental process, the project scope, project alternatives, the current state of the environment, potential impacts, the way forward in this environmental process and the logistics for report distribution. A copy of the presentation is attached in Appendix 2.

3. DISCUSSION

A number of issues were raised during the meeting. These have been recorded in Table 1 below. Where a response was provided the response has been included in the table below. It was highlighted at the meeting that the EIA is in the scoping stage and as such some questions cannot be answered now and will be answered as part of the EIA outcomes.

TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN

ISSUE RAISED	NAME	RESPONSE GIVEN (From SLR unless stated otherwise)
Procedural related issues		
If the community can object to this project what will happen?	Kgosi Ramakoka	Stakeholder engagement is an integral part of the EIA process, and moreover it is a legal requirement. All comments raised during the scoping and EIA/EMP phases will be compiled and submitted to the relevant decision making authority. These comments will be taken into consideration when the EIA is reviewed by the Department of Environmental Affairs (DEA).
Technical project related Issues		
What is the proposed height of the chimney?	William Segone	The proposed height of the chimney is 65m (response by AE).
Surface Water		
What will happen if groundwater and surface water is contaminated by the proposed smelter plant?	Sello Mogale	Potential surface water and groundwater contamination will be investigated as part of the hydrology and groundwater specialist studies. The results of these studies will be included in the EIA.
Air Quality		
I am concerned about the air quality impacts and how far the pollution will travel from the proposed smelter.	William Segone	This will be assessed in the air quality specialist study. The results of the study will be included in the EIA report.
Noise		
How far will noise travel from the proposed smelter?	William Segone	This will be assessed in the noise specialist study. The results of the study will be included in the EIA report.
Heritage		
If there are graves located on the project area what will happen to them?	Joel Ramakoka	Potential chance finds will be dealt with according to the SAHRA chance finds procedure. Detail on this will be included in the heritage specialist study which will be included in the EIA report.
Health		
I am concerned about the potential health impacts. Will a health impact study be undertaken?	Lucas Mogale	Health related issues associated with potential air and water impacts will be qualitatively assessed as part of the specialist studies and the results of these studies will be included in the EIA report.
Socio-economic issues		
What will happen if we have livestock grazing in the project area?	Steven Moatshe	The proposed site is on land owned by Siyanda. No community livestock grazing currently takes place there.
With the influx of investment as a result of new projects, more investment is made towards the informal settlements. I'd like to see	Frans Moatshe	Your recommendation has been noted and will be forwarded to the Siyanda team.

ISSUE RAISED	NAME	RESPONSE GIVEN (From SLR unless stated otherwise)
more investment into formal settlements/communities.		
As the interested parties we would like to know whether jobs will be aligned for us.	Kgosi Ramakoka	A social impact assessment will be undertaken and this will be provided in the EIA report. At a later stage, this will be used to inform the Siyanda employment and procurement policies.
Will the Mmansterre community also benefit from the project?	D. D Tau	

4. THE WAY FORWARD

NB outlined the way forward as follows:

- It is anticipated that the scoping report will be made available for public and regulatory authority review towards the end of 2015/early 2016.
- A summary document of the scoping report will be compiled in English and Setswana and will be distributed to IAPs via post, fax and e-mail.
- Copies of the scoping report will be placed at the following venues for public review:
 - Thabazimbi Local Municipality
 - Waterberg District Municipality
 - Northam Public Library
 - Northam Stock Fare Grounds
 - Kwetsheza Community (home of ward councillor)
 - Mantserre Community (home of ward councillor)
- Regulatory authorities and IAPs will have 30 days to submit comments on the scoping report.

5. CLOSE

NB thanked everyone for attending the meeting and closed the meeting

APPENDIX 1: ATTENDANCE REGISTER

Attendee	Affiliation	Contact
Caitlin Hird	SLR Consulting (Africa) (Pty) Ltd	chird@slrconsulting.com 011 467 0945
Ntsako Baloyi		nbaloyi@slrconsulting.com 011 467 0945
William Berry		wberry@slrconsulting.com 011 467 0945
Brandon Stobart		bstobart@slrconsulting.com 011 467 0945
Andre Esterhuizen	Tenova Pyromet	Andre.esterhuizen@tenova.com 011 480 2000
Portia Kgaboesele	Siyanda Chrome Investments	Portia.kgaboesele@angloamerican.com 082 606 6860
Bheki Lebeko	Siyanda Chrome	blebeko@siyandaresources.co.za 083 466 7462
B.L Mogale	Mantserre	0730378096
B.M Maema	Mantserre	0728036260
M. F Modise	Mantserre	0737623624
L. Ditsele	Mantserre	0733829937
S. Mogale	Mantserre	0731472344
D. P Monegi	Mantserre	0840737706
Paul Ramokoka	Mantserre	0789284944 Paul.ramokoka@gmail.com
D.S Ramokoka	Mantserre	0835299460 sattielramokoka@gmail.com
D.V Cebekhuru	Maiteko Sewing Primary co-operative	0768741711
Kefilwe Matabane	Department of Social Development (CDP)	0788014550 kmatabane@ncdpg.gov.za
Edwin Letlope	Ward Committee	0820847769
S. T Ramokoka	BBMTC	0788449845
L. W Segone	BBMTC	0768640669
D. D Tau	Ward Councillor	0783327284
S. R Moatshe	BBMTC	0734394970
S Mmonegi	Maiteko Sewing Primary co-operative	
M Matlou	Maiteko Sewing Primary co-operative	0730184375
S. Diale	BBMTC	0767178812
M Moselakaemo	School Mamodimakwa	0834774100
Frans Moatshe	BBMA	0740775842 Fmoatshe3@yahoo.com
C Ramokoka	Mansterre	

APPENDIX 2: PRESENTATION

Siyanda Chrome Smelting Company (SCSC)

SLR Consulting (Africa) (Pty) Ltd

Date: 21 July 2010

Meeting: Mantsiwe



Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Brandon Stebbart	SLR	PO Box 15416 Crameriview Zolo	011467 0745	b.stebart@slrconsulting.com	
Caitlin Hird	SLR	"	"	chird@slrconsulting.com	
Nesako Balayi	SLR	"	"	nbalayi@slrconsulting.com	
William Berry	SLR Tenova Pyromet	"	"	wberry@slrconsulting.com	
Andre Esterhuizen	Tenova Pyromet	PO Box 61552 Marshalltown 2107.		andre.esterhuizen@tenova.com	
FRANKS	BABALANZI BA-MANTSIWE	50006 MANTSIWE	0740175842	frank@slrconsulting.com	
MUATSHI	ADMINISTRATION	0534			
BHEKI LEBCO	SIYANDA	81 MAIN STREET 12TH FLOOR NEWSTANK BUILDING, JHB	033 466 7462	blebko@siyandachromesmelting.co.za	
C Ramakoka					
C Ramakoka	Mantsiwe		073 86 5592		C Ramakoka
P. Kgoeesele	SCI		082 606 6860		



Date: 21 July 2015

Meeting: Mamatseire

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Kobain Lethege	WARD Committee	P.O. Box 27 SWARTKOP 0370	082 084 7769	MIA	
V. J. Lamscheke	B.B.M.T.C.	P. Box 352 SWARTKOP	078 844 9845	N/A	
I. W. SENE	B.B.M.T.C.	P. 49 352 HOUTE 407. SWARTKOP P.O. BOX 50	078 8640 669	—	
Dud - Tau	ward committee	SWARTKOP	078 332 7284	faulpaer@sigmatel.co.za	
S. R. Moxise	B.B.M.T.C.	Box 177 SWARTKOP 0370	0734 394 970	—	
S. Mmoney	Maitoko SC	Mamatseire	—	—	
M. Mlatlou	Waitekoso	Mamatseire	07 30184375	—	M. Mlatlou
S. S. Dialo	B.B.M.T.C.	P. BOX 473 SWARTKOP 0370	0767178812	—	S.M. Dialo
S. M. Moxise	Service	Box 424 SWARTKOP 0370	0834 774 100	—	

Siyanda Chrome Smelting Company (SCSC)

SLR Consulting (Africa) (Pty) Ltd

Date: 21 July 2015 11h00

Meeting: Mantsere



Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
B.L. Mgale	Mantsere	P.O. Box 286 Swartklip 0370	0730378096		B. Mgale
B.M. Maema	Mantsere	P.O. Box 555 Swartklip 0370	0728636260		B.M. Maema
M.F. Modise	Mantsere	Box 50	073 76236 24		M.F. Modise
L.M. Ditsele	Mantsere	Box 430	0733829937		L.M. Ditsele
S. Mogaale	Mantsere	P.O. Box 50	73 14 72344		S. Mogaale
G.P. Monegi	"	HN 663	084 037706		G.P. Monegi
PAUL RAMOKOKA	MANTSERE		078 928 4944	Paul ramokoka@ ymail.com	Paul Ramokoka
D.S. Ramokota	"	Box 286 SWARTKLIP 0370	0835299460	saab@ramokota @gmail.com	D.S. Ramokota



SIYANDA CHROME SMELTING COMPANY (SCSC)

**MINUTES OF THE PUBLIC SCOPING MEETING HELD FOR THE DEVELOPMENT OF THE
PROPOSED SIYANDA FERROCHROME SMELTER**

DATE	14h00, 21 July 2015
VENUE:	Swartklip Recreational Centre
PROJECT:	The proposed development of the Siyanda Ferrochrome Smelter
SLR COMPANY:	SLR Consulting (Africa) (Pty) Ltd
PROJECT NUMBER:	710.19057.00001
PURPOSE:	The purpose of the meeting was: <ul style="list-style-type: none">• To provide an overview of the proposed project• To provide an overview of the environmental assessment process that will be undertaken for the proposed project• To provide an overview and obtain input on the existing status of the environment• To outline and obtain input on potential impacts identified for the proposed project• To record any issues and concerns raised by regulatory authorities• Agree on the way forward and the logistics for report distribution
ATTENDANCE:	An attendance register is presented in Appendix 1.

1. OPEN AND INTRODUCTION

Caitlin Hird (CH) opened the meeting and introduced SLR Consulting (Africa) (Pty) Ltd (SLR) represented by Brandon Stobart (BS), Ntsako Baloyi (NB), William Berry (WB) and herself. CH then introduced Siyanda Chrome Smelting Company (SCSC) (the applicant) represented by Bheki Lebeko (BL) and Portia Kgaboesele (PK) and Tenova represented by Andre Esterhuizen (AE).

2. PRESENTATIONS

CH gave a presentation outlining the environmental process, the project scope, project alternatives, the current state of the environment, potential impacts, the way forward in this environmental process and the logistics for report distribution. A copy of the presentation is attached in Appendix 2.

3. DISCUSSION

A number of issues were raised during the meeting collectively by Mr and Mrs Schoeman and Mrs Sandy McGill. These have been grouped together and recorded in Table 1 below. Where a response was provided the response has been included in the table below. It was highlighted at the meeting that the EIA is in the scoping stage and as such some questions cannot be answered now and will be answered as part of the EIA outcomes.

TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN

ISSUE RAISED	RESPONSE GIVEN
Procedural related issues	
Meetings should be scheduled at least every 6 months from construction to operation to keep the public updated with the process with regards to the operation of the smelter.	Your recommendation has been noted and this will be put forward to the Siyanda team.
Technical project related Issues	
Why not locate the proposed smelter next to the existing Swartklip mine? There is no procedure for zoning, it seems like anyone can propose their new developments wherever they choose.	The proposed project site is located in the western section of portion 3 of the farm Grootkuil which is adjacent to Swartklip Mine. There were various factors considered when determining the most preferable location for the proposed smelter. Constraints included the fact that infrastructure needs to be located outside of floodlines of the non-perennial rivers. In addition, in order to limit haulage costs, factors such as the proximity to the existing Swartklip mine (one of the sources of the chrome concentrate) and the proximity to the existing railway line were also taken into account. Further detail regarding the site selection will be provided in the scoping and EIA report.
The proposed smelter could be developed anywhere in South Africa, why has Siyanda decided to propose the development here?	
Surface Water	
Are you saying that there will not be any pollution in the rivers?	Part of the scope of the hydrology specialist study will be to identify the areas which might be potential pollution sources. Specialist studies will investigate this further and the results will be provided in the EIA.
Groundwater	
Pivots on our farm cannot be used anymore due to the lack of water.	SLR is currently undertaking a hydrocensus which will provide an understanding of current groundwater use, levels and quality. This information will be used to inform the groundwater specialist study. The results of the study will be included in the EIA.
Water levels in our boreholes have dropped significantly from 24m to 60m.	
Water is being drawn down into the pits. Therefore Siyanda should seek alternative means of sourcing water because the groundwater is very scarce for all farmers.	
The issue with regards to the lack of water is a cumulative issue as no mine will take responsibility for the lack of water.	Your concern regarding the cumulative dewatering impacts from mines has been noted. This will be assessed in the groundwater specialist study. The results of the study will be included in the EIA.
Biodiversity	
I am concerned about the conservation of the rich birdlife in the area. On our farm, there is a bird species of Fluff-tail which is found nowhere else in the country.	Your concern regarding biodiversity impacts has been noted and this will be investigated further in the biodiversity specialist study being undertaken for the project. It should be noted at this point that most of the background details
There are more protected trees in this area than you mentioned in your presentation.	

ISSUE RAISED	RESPONSE GIVEN
This area is not typical Dwaalboom veld type as you have mentioned in your presentation	have been sourced from national databases, however more detail will be provided in the EIA report and specialist studies will provide greater depth and detail on the current biodiversity status.
Air Quality	
We are concerned about the dust fallout and the impacts that it might have on the receiving environment.	This will be assessed in the air specialist study. The results of the study will be included in the EIA report.
Dust from existing mines is already an issue for neighbouring farmers. There is active monitoring done by the mines however according to the regulations the mine dust is under the exceedance limits. This does not make sense because we still experience veld deterioration due to the dust.	
Noise	
The current noise levels are already a concern and should be monitored. On our farm we can hear the reverse hooters of trucks and the noise from bulldozers.	This will be assessed in the noise specialist study. The results of the study will be included in the EIA report.
Soil	
It should be noted that the quality of soil is good. I have farmed sunflowers on my property for a long time with a successful yield.	The soils' growth potential for "dryland" cultivation is moderate, however it is agreed that with irrigation, fertilisation and soils management this potential may be improved.
Visual	
It has been a very dry year as the rain has been scarce and this has resulted in the area looking very barren however it should be noted that it is an extremely beautiful/scenic area during the wet season.	Your concern regarding visual impacts (and specifically those relating to sense of place) has been noted. This will be investigated further in the visual specialist study. The results of this study will be included in the EIA report.
Does the proposed smelter look anything like the Heric smelter in Brits?	Dimensionally, in terms of the size of the furnace buildings and associated infrastructure, it would be similar. The visual impact will be assessed in a specialist study. The results will be included in the EIA.
Traffic and Transport	
The local municipality does not have the means to fix the roads, therefore this proposed development is a big concern for vehicle owners since it will increase the traffic on the roads which will ultimately deteriorate the roads much quicker.	Your concern has been noted and this will be investigated further in the specialist traffic study. The results of this study will be included in the EIA report.
The capacity of the railway system is a big concern because although the infrastructure exists it is not the most reliable method of transport and in past experience has shown that when the rail system fails the mines use more trucks. We are concerned about the same issue with the proposed development	
Where is the proposed entrance to the smelter?	The current plan for access to site will be via the Dwaalboom Road (between Northam and Swartklip mine). The current Tiramogo Lodge road (off the main Dwaalboom road) will be used to access Portion 3 of Grootkuil, and thereafter

ISSUE RAISED	RESPONSE GIVEN
	a new road from the east to the west of Portion 3 of the farm will be built in order to access the actual project area (CH indicated on the map).
With the entrance right next to my farm people will be crossing my farm to gain entry and this is a huge issue. In the past people would leave my gates open allowing my cattle to cross the main road which then becomes my issue if this had led to any accidents on the roads.	Your concern has been noted and this will be addressed in more detail in the traffic specialist study and the land use study. The results of this study will be included in the EIA report.
We suggest Siyanda consider an alternative entrance from the Swartklip mine side and not the Tiramogo lodge entrance off the main road.	Your recommendation has been noted and this will be put forward to the Siyanda team.
Heritage	
There are many graves on the proposed site. What will happen to these graves?	Potential chance finds will be dealt with according to the SAHRA chance finds procedure. Detail on this will be included in the heritage specialist study which will be included in the EIA report.
Socio-economic issues	
Visually this is a huge issue and potentially an economic problem from the perspective of game farming and tourism because no one wants to visit a game farm next to a larger smelter.	Your concern regarding the lowering of land values and potential loss of business has been noted. This will be assessed as part of the EIA.
As a landowner you spend your entire life investing in your property and then when a company comes along to propose a development right next door it not only causes environmental impacts but also destroys your entire livelihood.	
The issues with regards to inward migration and informal settlements led to a drop in the property value of neighbouring farms.	
Where are the 700 people going to live during the construction phase?	According to current planning, labour for the construction phase will be housed in nearby towns and communities. This will be confirmed in the EIA report.
Will Siyanda be hiring people from the area or other parts of the country?	There are benefits to using locally sourced labour provided that the skills are available. This detail will be provided in Siyanda's procurement plan which will be compiled before the project commences. .
Are there any plans to upgrade the current sewage treatment plant, because the size of the current plant is already too small for the town of Northam and the capacity is inadequate to meet the needs of the town. There is already sewage overflow on our Leeukop farm.	It has been noted that the sewage treatment plant is already inadequate. Your query as to whether any upgrades to this plant are planned will be put forward to Siyanda.
The existing sewage treatment facility ran into problems due to lack of funds, theft and corruption. The Northam sewage issue has been a problem for more than 15 years.	
What are Siyanda's plans to control inward migration of people in search of job opportunities? This will lead to new informal settlements being established in the area such as the situation next to Marulasfontein.	Your concerns regarding inward migration, informal settlements, and security has been noted. Socio-economic impacts associated with this will be assessed as part of the EIA.
We are concerned about our security. Siyanda must convince private landowners that no	

ISSUE RAISED	RESPONSE GIVEN
informal settlements will be established since not everyone will be guaranteed a job at the plant and those that do not get jobs will become desperate and therefore target private landowners.	

4. THE WAY FORWARD

CH outlined the way forward as follows:

- It is anticipated that the scoping report will be made available for public and regulatory authority review towards the end of 2015/early 2016.
- A summary document of the scoping report will be compiled in English and Setswana and will be distributed to IAPs via post, fax and e-mail.
- Copies of the scoping report will be placed at the following venues for public review:
 - Thabazimbi Local Municipality
 - Waterberg District Municipality
 - Northam Public Library
 - Northam Stock Fare Grounds
 - Kwetsheza Community (home of ward councillor)
 - Mantserre Community (home of ward councillor)
- Regulatory authorities and IAPs will have 30 days to submit comments on the scoping report.

5. CLOSE

CH thanked everyone for attending the meeting and closed the meeting

APPENDIX 1: ATTENDANCE REGISTER

Attendee	Affiliation	Contact
Caitlin Hird	SLR Consulting (Africa) (Pty) Ltd	chird@slrconsulting.com 011 467 0945
Ntsako Baloyi		nbaloyi@slrconsulting.com 011 467 0945
William Berry		wberry@slrconsulting.com 011 467 0945
Brandon Stobart		bstobart@slrconsulting.com
Andre Esterhuizen	Tenova Pyromet	Andre.esterhuizen@tenova.com 011 480 2000
Portia Kgaboesele	Siyanda Chrome Investments	Portia.kgaboesele@angloamerican.com 082 606 6860
Bheki Lebeko	Siyanda Chrome	blebeko@siyandaresources.co.za 083 466 7462
Sandy McGill	Farm Owner	smcgill@lantic.net 0711363911
Mr Schoeman	Neighbouring farmer	thestablesmarietjies@gmail.com 0824945256 0728629920
Mrs Schoeman	Neighbouring farmer	thestablesmarietjies@gmail.com 0824945256 0728629920
Amore van Wyk	On behalf of Ingrid Morrison	

APPENDIX 2: PRESENTATION

Date: 21 July 2015 16h00

Meeting: Swartkops Rec Hall



Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
William Berry	SLR	PO Box 1596 Crammerview 2060	011 4670945	wberry@slrconsulting.com	
Caitlin Hird	"	"	"	chird@slrconsulting.com	
Brandon Stobart	"	"	"	bstobart@slrconsulting.com	
Ntsako Baloyi	"	"	"	nbaloyi@slrconsulting.com	
Sheki Lebeka	SIYANDA		0834667462	blebeka@siyandaresources.	
Stephan Schieren	Northman. Swinerton.	P.O. Box 15, Northam	082 6945256 0728629920	thesables marckjes@ jonaal.com	
Sandy McGill	Farmer	Box 515 Swartkops 3370	011 363 911	smcgille l@telkomsat	
Amore van Wyk	For Ingrid Marston				



SIYANDA CHROME SMELTING COMPANY (SCSC)

**MINUTES OF THE PUBLIC SCOPING MEETING HELD FOR THE DEVELOPMENT OF THE
PROPOSED SIYANDA FERROCHROME SMELTER**

DATE	09h00, 22 July 2015
VENUE:	Kwetsheza Community
PROJECT:	The proposed development of the Siyanda Ferrochrome Smelter
SLR COMPANY:	SLR Consulting (Africa) (Pty) Ltd
PROJECT NUMBER:	710.19057.00001
PURPOSE:	The purpose of the meeting was: <ul style="list-style-type: none">• To provide an overview of the proposed project• To provide an overview of the environmental assessment process that will be undertaken for the proposed project• To provide an overview and obtain input on the existing status of the environment• To outline and obtain input on potential impacts identified for the proposed project• To record any issues and concerns raised by regulatory authorities• Agree on the way forward and the logistics for report distribution
ATTENDANCE:	An attendance register is presented in Appendix 1.

1. OPEN AND INTRODUCTION

Nstako Baloyi (NB) opened the meeting and introduced SLR Consulting (Africa) (Pty) Ltd (SLR) represented by Caitlin Hird (CH), Brandon Stobart (BS), William Berry (WB) and himself. NB then introduced Siyanda Chrome Smelting Company (SCSC) (the applicant) represented by Bheki Lebeko (BL), Portia Kgaboesele (PK) and Richard Phillips (RP).

2. PRESENTATIONS

NB gave a presentation outlining the environmental process, the project scope, project alternatives, the current state of the environment, potential impacts, the way forward in this environmental process and the logistics for report distribution. A copy of the presentation is attached in Appendix 2.

3. DISCUSSION

A number of issues were raised during the meeting. These have been recorded in Table 1 below. Where a response was provided the response has been included in the table below. It was highlighted at the meeting that the EIA is in the scoping stage and as such some questions cannot be answered now and will be answered as part of the EIA outcomes.

TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN

ISSUE RAISED	NAME	RESPONSE GIVEN
Technical issues		
If the project is approved and it happens to be that the smelter is located here in the village what will happen to the residents?	Vuyiseka Ngukutu	The proposed location of the smelter is on portion 3 of the farm Grootkuil. The smelter will not be moved to Kwetsheza.
What is the product from the smelter?	Busanya Kubakhaya	Ferrochrome
Air Quality		
I am concerned about air quality impacts with regard to the health associated impacts.	Grace Goso	This will be assessed in the air specialist study. The results will be included in the EIA report.
Socio-economic issues		
The Kwetsheza community is extremely impoverished, what are some of the benefits that this community will gain from this project?	Stembiso Mmbalene	Issues relating to land use, employment procedures, and social benefits will be assessed in the EIA report. It should be noted, that the proposed project is located on land owned by Siyanda and there is currently no grazing taking place there.
What happens if the proposed smelter is located on land that we use for grazing, is there a compensation program in place for the loss of land for grazing?	Stembiso Mmbalene	
The main reason for the high unemployment rates in this community is because Kwetsheza does not form part of the tribal community, therefore we are unable to get proof of residence documents when they are requested by potential employees.	Grace Goso	
Based on previous experiences, no information is communicated to the Kwetsheza community with regards to job opportunities.	Maweto Mehlo	
You mentioned that there will be an estimate of 700 jobs during the construction phase and an estimate of 280 jobs during operation. I would like to know whether the 280 jobs will be an addition to the 700 jobs.	Grace Goso	It is proposed that there will be 700 construction phase jobs and 280 operational phase jobs. When the construction phase is completed, the 700 construction phase jobs will also be completed and 280 permanent staff will be required for the operational phase.
With regards to the operational jobs, will Siyanda be looking for people with previous experience in smelting plants? I would like to know whether the workers during the construction phase will be considered for jobs during the operational phase.	Vuyiseka Ngukutu	This will be investigated and detailed as part of Siyanda's employment policy. This policy will be included in the EIA
Between now and 2017, can Siyanda advise the youth as to what skills they can acquire to ensure that we stand a better chance of getting the jobs.	Portia Moremi	This question will be tabled with the Siyanda project team

4. THE WAY FORWARD

NB outlined the way forward as follows:

- It is anticipated that the scoping report will be made available for public and regulatory authority review towards the end of 2015/early 2016.
- A summary document of the scoping report will be compiled in English and Setswana and will be distributed to IAPs via post, fax and e-mail.
- Copies of the scoping report will be placed at the following venues for public review:
 - Thabazimbi Local Municipality
 - Waterberg District Municipality
 - Northam Public Library
 - Northam Stock Fare Grounds
 - Kwetsheza Community (home of ward councillor)
 - Mantserre Community (home of ward councillor)
- Regulatory authorities and IAPs will have 30 days to submit comments on the scoping report.

5. CLOSE

NB thanked everyone for attending the meeting and closed the meeting

APPENDIX 1: ATTENDANCE REGISTER

Attendee	Affiliation	Contact
Caitlin Hird	SLR Consulting (Africa) (Pty) Ltd	chird@slrconsulting.com 011 467 0945
Ntsako Baloyi		nbaloyi@slrconsulting.com 011 467 0945
William Berry		wberry@slrconsulting.com 011 467 0945
Brandon Stobart		bstobart@slrconsulting.com 011 467 0945
Richard Phillips		
Portia Kgaboesele	Siyanda Chrome Investments	Portia.kgaboesele@angloamerican.com 082 606 6860
Bheki Lebeko	Siyanda Chrome	blebeko@siyandaresources.co.za 083 466 7462
Zohile Hlabisikhumba	Kwetsheza	071 066 4863
Samkelo Ntandawo	Kwetsheza	083 248 2484
Lebohang Ntlai	Kwetsheza	073 884 4064
Nkululeko Hloboni	Kwetsheza	073 494 4062
Tshivasi Vinqishe	Kwetsheza	078 699 1166
Lwazi Mvumbi	Kwetsheza	073 379 3409
A. Mbiko	Kwetsheza	063 160 5010
S. Mbiza	Kwetsheza	073 141 1253
Ziphathe Sabatha	Kwetsheza	072 548 8924
Sonwabo Nonyama	Kwetsheza	073 082 4896
Qanigaza Zwelewengile	Kwetsheza	073 884 4064
Ndabeni Chippa	Kwetsheza	083 619 4333
Bukatya Busani	Kwetsheza	073 829 0398
Khabeyo Xolisa	Kwetsheza	078 522 5937
Komanigi Buyelekhaya	Kwetsheza	073 924 2689
Mbuyazwe Aviwe	Kwetsheza	073 569 4335
Luchuku Mzoliswa	Kwetsheza	078 053 2474
Bulelani Fudumele	Kwetsheza	078 577 7274
Mfundiso Mfiyo	Kwetsheza	073 868 3057
Ayanda Mdondolo	Kwetsheza	073 435 1591
Makangeni Becuswa	Kwetsheza	083 386 6309
Phumzile Shushu	Kwetsheza	060 388 9569
Fadane Siyabonga	Kwetsheza	083 766 2492
Nombongo C. Mxhuma	Kwetsheza	083 860 7040
Phekhang Thomas	Kwetsheza	063 228 2914
Zazeklie Maikwa	Kwetsheza	071 717 7435
N. Penola	Kwetsheza	060 300 6632
N. Nontlanga	Kwetsheza	078 192 8383
N. Sodobile	Kwetsheza	071 974 8509
N. Ntlaningeshe	Kwetsheza	078 773 2574
Sinethemba Liqhunu	Kwetsheza	076 700 7017
B. Luyanda	Kwetsheza	078 928 4982
S. Asa	Kwetsheza	073 534 6049
M. L Madolo	Kwetsheza	078 732 8241
Mluleki Ndamase	Kwetsheza	078 385 9827
Vuyo Bango	Kwetsheza	083 642 7243

Attendee	Affiliation	Contact
Mkhululi Dubuleka	Kwetsheza	078 162 9860
Adadume Maselweni	Kwetsheza	060 453 5301
Thulani Nqaboka	Kwetsheza	072 577 4531
Siyavuya Mtshela	Kwetsheza	073 140 8311
Thembelani Zonke	Kwetsheza	073 544 6825
Mfonta Siyamlela	Kwetsheza	083 733 3762
Zulu Mfanta	Kwetsheza	073 739 7939
Manshi Phuthum	Kwetsheza	071 811 9221
Z. Gwexa	Kwetsheza	078 990 5870
Sindiswa Thokani	Kwetsheza	076 208 1564
Grace Kala	Kwetsheza	078 697 0902
Malwande Qokoyi	Kwetsheza	073 835 9382
Andile Khweyi	Kwetsheza	063 335 5265
Simthembele Nhiziyo	Kwetsheza	078 344 0653
Zameka Phoswayo	Kwetsheza	083 961 1374
Ntombifike Mrhawuli	Kwetsheza	073 149 7295
Ntombizadwa Phoswayo	Kwetsheza	060 372 7074
Mabona Makhatu	Kwetsheza	083 620 9421
Sarani Moremi	Kwetsheza	072 462 5334
Mawethu Mehlo	Kwetsheza	076 600 6260
Moremi Thapelo	Kwetsheza	076 052 9026
Moremi Portia	Kwetsheza	078 186 5241
Samaro Gontsane	Kwetsheza	078 065 9924
Sandile Malingwane	Kwetsheza	083 860 7040
Anele Nkosi	Kwetsheza	078 045 7262
Mphonyana Dyantyi	Kwetsheza	083 946 0185
Mbongeni Mtshali	Kwetsheza	078 209 6619
Mkhwelanga Mlamli	Kwetsheza	078 015 5003
Nkosikhona Msikwa	Kwetsheza	072 060 6258
Zwelakhe Nkosoxolo	Kwetsheza	078 849 7690
Olwethu Nkwane	Kwetsheza	078 320 3026
Bonile Phukwana	Kwetsheza	078 674 5928
Nobongile Ntukuthela	Kwetsheza	073 902 0731
Zamile Ngeketo	Kwetsheza	078 320 3026
Olwethu Ngcato	Kwetsheza	078 887 5329
Mbongeni Monakali	Kwetsheza	073 592 6251
Manoel Talhada	Kwetsheza	073 515 5492
Phanda Monde	Kwetsheza	073 713 4515
Nomawoko Pendu	Kwetsheza	060 300 6632
N. Qhlokoyi	Kwetsheza	071 027 6425
Busiswa Dinwayo	Kwetsheza	071 759 9245
Tabulisile Mggibela	Kwetsheza	073 603 9650
Asanda Mahanjana	Kwetsheza	060 410 4624
Hlengiwe Phethu	Kwetsheza	078 176 3704
Yoleka Nomgojo	Kwetsheza	078 606 9700
Nobuntu Maqxolo	Kwetsheza	083 718 8677
Mthetheleli Nogemane	Kwetsheza	078 257 4201
M. P Moso	Kwetsheza	073 767 0332
Lumkwa Vuyo	Kwetsheza	078 361 0807
N. Mbangiwana	Kwetsheza	073 622 3337

Attendee	Affiliation	Contact
E. Ulanile	Kwetsheza	083 465 1472
Lucas	Kwetsheza	073 854 9010
Bennet Photo	Kwetsheza	073 474 1616
P. Malome	Kwetsheza	073 855 9377
T. Mphokolwana	Kwetsheza	078 682 5740
S. Baleni	Kwetsheza	083 609 4406
Catherine Phiri	Kwetsheza	073 260 3746
Kedibone Moremi	Kwetsheza	076 518 4403
Lucas Moeng	Kwetsheza	078 697 9260
Deleki Bulewa	Kwetsheza	071 020 0059
Nosiphenathi Tlloboni	Kwetsheza	078 498 7125
Bongeka Mabhulu	Kwetsheza	079 999 0032
Nonceba Nonglawula	Kwetsheza	083 974 2341
Noluno Mabhulu	Kwetsheza	078 273 3508
Yoliswa Gorana	Kwetsheza	063 161 1127
Xoliswa Gorana	Kwetsheza	076 600 6260
Thabile Rafuza	Kwetsheza	073 612 0783
Ntombovuyo Matyoboza	Kwetsheza	073 811 4632
Tandokazi Lukuana	Kwetsheza	063 1304858
Mnyakana Noluthando	Kwetsheza	078 614 2585
Nomababi P. Pono	Kwetsheza	078 510 6971
Noma-Romabetele	Kwetsheza	083 764 0861
Ncebo Ntombizo	Kwetsheza	078 399 0146
E. Mpompo	Kwetsheza	073 248 1683
Ongezwa Qokoyi	Kwetsheza	071 715 8320
Daisy Mleshiba	Kwetsheza	073 877 2757
Nomantombiza	Kwetsheza	073 273 9481
Mabhulu Nokulunga	Kwetsheza	078 331 2211
Mdumiso Khuwebhe	Kwetsheza	073 174 5020
Kakapa Raphael Mokoena	Kwetsheza	081 067 2706
Diko Bongelwa	Kwetsheza	078 081 5538
Tsibako Nowisile	Kwetsheza	073 145 6115
Mfana Nolizile	Kwetsheza	073 271 8025
Mphalene Matsiliso	Kwetsheza	
Lizeka Tshatiso	Kwetsheza	
Gqiba Zintathu	Kwetsheza	083 672 5041
Nokulunga Mvokwe	Kwetsheza	078 321 7777
Asvela Nyusana	Kwetsheza	073 953 3668
Nonzuzo Mduna	Kwetsheza	073 906 5204
Nomthethu Zihlalele	Kwetsheza	078 874 9285
Nokuthula Madikizela	Kwetsheza	073 541 7081
Globingea Nomvelo	Kwetsheza	076 674 6533
Yolisa Nomfula	Kwetsheza	083 525 2491
Chinhaque Luisa	Kwetsheza	078 693 9797
Zukile Kolo	Kwetsheza	073 859 5570
Moana Finiase	Kwetsheza	078 289 7097
T. Ngcela	Kwetsheza	083 331 9612
Grace Goso	Ward Councillor	073 148 1544
Nomawisile Dekki	PR Councillor	072 188 3777
Portia Kgaboesele	SCI	082 606 6860

Attendee	Affiliation	Contact
Christopher Mahloko	Kwetsheza	078 780 4139
Lusindiso Mangoco	Kwetsheza	078 575 3279
Banele Mdumani	Kwetsheza	083 238 4113
T. Nothsheyi	Kwetsheza	073 109 0018
Mzuxukile	Kwetsheza	073 399 6050
Tiba Khamabe	Kwetsheza	060 334 1423
R. J. Mothoung	Kwetsheza	073 511 8363
Ngcelu Thembalethu	Kwetsheza	083 331 9612
Sikhona Dodololo	Kwetsheza	073 515 0721
J. Mnisi	Kwetsheza	079 028 1130
Grace N. Goso	Kwetsheza	073 148 1544
Bheni Nkosekaya	Kwetsheza	071 808 6404
Jongilanga Bulelani	Kwetsheza	071 801 7173
Mdudu Thabiso	Kwetsheza	073 136 7021
Vinqishe Tshivasi	Kwetsheza	078 699 1166
Mapane Moeketsi	Kwetsheza	076 761 2123
M. M Letsie	Kwetsheza	073 880 9791
M.S Sekokotoana	Kwetsheza	078 949 1399
Mogwa Lucky Tshidiso	Kwetsheza	073 272 7450
Bukotya Luvo	Kwetsheza	073 974 9013
Phahlane Zukiswa	Kwetsheza	078 792 2255
Mjulera Pheleka	Kwetsheza	073 758 1812
Nkosi Phendile	Kwetsheza	073 880 0918
Thandumzi Jengga	Kwetsheza	060 468 3530
Nyathwa Lunga	Kwetsheza	083 473 0761
Qekedana Lwazi	Kwetsheza	073 516 8425
Vuyiseka Ngqukutu	Kwetsheza	073 082 2321
Mbonini Mahial	Kwetsheza	083 757 1613
Thulani Mgila	Kwetsheza	073 282 2454
Dinwayo Mzwethu	Kwetsheza	079 471 8288
Nkwenkwana Simfumene	Kwetsheza	078 464 5005
Nkunjana Gcinikhaya	Kwetsheza	063 325 9671
T. Woloba	Kwetsheza	073 583 5364
Zilindile Wophu	Kwetsheza	073 743 1843
Ndinisa Mzikayifanisi	Kwetsheza	076 286 0772
Mngomezulu Mthokozisi	Kwetsheza	076 286 0772
Sonwabile Lusibu	Kwetsheza	073 419 5484
Tsotisho Moleleki	Kwetsheza	073 749 9515
Nobhala Thulani	Kwetsheza	073 902 0731
Myeki Sicelo	Kwetsheza	071 974 0755

APPENDIX 2: PRESENTATION

Date: 22 July 2015

Meeting: Kwetcheza



Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
ZOWLE HLABISIKHUMBA	KHWETSHEZA	P.O. Box 8 SWART KLIP 0370	0710 66 48 63		
SAMKELO NTAMDAWO	KHWETSHEZA	P.O. Box 8 SWART KLIP 0370	0832482484		
LEBOHANG NTLAI	KHWETSHEZA	P.O. Box 8 SWART KLIP 0370	0738844064		
INKULILEKO VAGEDWA	KHWETSHEZA	P.O. Box 8 SWART KLIP 0370	0630863576		
MBONGEMI HLOBOM	KHWETSHEZA	P.O. Box 8 SWART KLIP 0370	0434944062		
TSHI UASI VINGISHE	"	P.O. Box ⁰³⁷⁰ 0786991166			
Lwazi	Mvumbi	"	0733793109		
A. Mbiko	"	"	0631605010		
S. M. Biza	"	"	073141753		












Date:







22 July 2015

Meeting:

Kwetsheza

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Ziphahle Sabatsha	Kwetsheza	P.O. Box 1042 Kokstad 4700	0725488924	-	SABATSHA
SOMWETO NONYAMA	Kwetsheza	P.O. Box 8 SOLKLEP	0730824896	-	SOMWETO
Changiza Zweleningile	Kwetsheza	P.O. Box 8 SOLKLEP	0733844064	-	Z. CHANGIZA
Ndabeni CHIPPA	Kwetsheza	SWARTKLIP COP SWARTKLIP P.O. Box 8	0836194333	-	NDABENI
Bukatya BUSANI	Kwetsheza	P.O. Box 8 SWARTKLIP 0570	0730290398	-	BUSANI
Khabyo XOLISA	Kwetsheza	P.O. Box 8 Swartklip 0570	0785225937	-	X. KHABYO
KOMANI SI	Kwetsheza	P.O. Box 8	0739242699	-	KOMANI SI
BURRLEKINDA MBUYAZWE	Kwetsheza	P.O. Box 8	0735694335	-	BURRLEKINDA
AVIWE Luchuku	Kwetsheza	P.O. Box 8	0780537474	-	AVIWE
Mzoliswa	Kwetsheza	Swartklip 370	0780537474	-	MZOLISWA

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
BULELAWI FUMWELF	KHWETSHEZA	HOUSE NO 601 SEFIKILE	0785777274		
MFUNDISO	KHWESHEZA	HOUSE NO 0875, FIKI HODASLE	073868359		
AYANDA	KHWESHEZA	P.O. BOX 08 SWARTKIP 0370	0734351591		
MOLONDULO	KHWESHEZA	P.O. BOX 08 SWARTKIP 0370	082366309		
MAKANGENI	KHWESHEZA	P.O. BOX 08 SWARTKIP 0370	0603589569		
BECUSWA	KHWESHEZA	P.O. BOX 08 SWARTKIP 0370	0837662492		
PHUMZILE	KHWESHEZA	P.O. BOX 08 SWARTKIP 0370	0838604040		
SHUSILO	KHWESHEZA	P.O. BOX 08 SWARTKIP 0370	0632282914		
FADANE SINYANSA	KHWETSHEZA	P.O. BOX 8 SWARTKIP 0370	071717435		
NOMBUNGO MXHUMA	KHWETSHEZA	P.O. BOX 8 SWARTKIP 0370			N. C. MXHUMA
Phetang Thonzo	KHWETSHEZA	P.O. BOX 8 SWARTKIP 0370			
Zuzekile Mgikwa	KHWETSHEZA	P.O. BOX 8 SWARTKIP 0370			

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
N. Penob	Kwetsheza	P.O. Box 08	0603006632		N. Penob
N. NONTANGA	"	"	0781928383		N. N.
N. Sedobie	"	"	0719748509		
N. Ntshingeshu	"	"	0787732574		N. Ntshingeshu
Sinethemba Liphuma	"	"	076700707		
B. Luyanda	"	"	0729224482		
SASA	"	"	0735346049		
Nova	"	"	0734773338		
M.L. Nando	"	"	0787328241		
M. Mufeki Ndamase	"	"	0783859824		


Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Vuyo BANGO	KHWECHENZA	P.O BOX 08 SWARTKLIP	0836427243		
Mkhululi Dubuleka	khwecheza	P.O BOX 08 SWINTHAP 0370	0781629860		
Adedime Mgweni	khwecheza	P.O BOX 08 SWARTKLIP 0370	0604535301		
Thulani Ndaba	khwecheza	P.O BOX 08 SWARTKLIP 0370	0725 774551		
S. JAVUYA Mkhululi	khwecheza	SWARTKLIP P.O BOX 08	0734408711		
THEMBELANI ZONKE	KWETSHEZA	SWARTKLIP PO BOX 8	0735446825		
MFOKOTSI SIYONDAKUBESHEZA			0837333762		
Zulu MEFANIA	khwecheza	-	0737397939		
MANMOSASHI	PHUTHUM	P.O BOX 08 SWARTKLIP	0719119121		
Z. GwEXA	KHWECHENZA		0789905870		

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
SINDISWA THUKANI	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	076 2081564		S. Thukani
CECILE KALA	KHWETSHEZA	P.O. BOX 8	0786976902		C. Kala
MALWANE GOKOJI	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	073 8359382		M. Gokoji
ANDILE KHWESI	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	063 3355265		
SIMTHEMBILE	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0783440653		
ANTHONY ZAMEKA PHOSWAGO	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0839611374		A. Zameka
NTOMBIZIYE MRHAWU	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	073499295	X	N. Phoswago
NTOMBIZIYE MRHAWU	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	060 3927074		N. Phoswago




Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Mabona Makhatle	Khwesheza	P.O. Box 8 SWARTKLIP 0370	083 620 9421		
SARAH MOREMI	KHWETSHEZA	Box 8 SWARTKLIP 0370	072 462 5334	-	S. Moremi
MALLETU MEBHO	KHWETSHEZA	Box 8 SWARTKLIP 0370	076 600 6260		
Moremi Thareo	KHWETSHEZA	P.O. Box 160 Northern 0360	076 052 9026		
Moremi Patsa	Chwetsheza	P.O. Box 160 Northern 0360	078 186 5241		P. Moremi
SAMAROGONTSANA	KHWETSHEZA	P.O. Box 8 SWARTKLIP 0370	078 065 9924		
SANDILE MACINGWANE	KHWETSHEZA	P.O. Box 8 SWARTKLIP 0370	083 860 7040		
ANJELE MKOSI	KHWETSHEZA	P.O. Box 8 SWARTKLIP 0370	078 045 7262		
MPHONJANA BALI	KHWETSHEZA	P.O. Box 8 SWARTKLIP 0370	073 764 6819		M. Pali
KHANDISO DYANTSI	KHWETSHEZA	P.O. Box SWARTKLIP 0370	083 946 0185		

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Mbongela M Mtsiki	Khwetsheza	P.O. Box 8 Swartklip, P.O. 370	0782096619		
MKHWELANSA MLAMI	Khwetsheza	SWART KLIP P.O. BOX 8	078 0135003		
NKOSIKHUNA MSIKWA	KHWETSHEZA	SWART KLIP 0370	0420606258		N. Mtsikwa
ZWELAKE NUSOXO	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0788497690		
OLWETHU NKWANE	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	078203026		
BONILE PHUKWANA	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0786745928		
NOBONGILE NTUKUTHELA	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0739020731		N. Tshukhele
ZAMILE NQEKET	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0783203026		Z.N.
OLWETHU NGATU	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0788875329		
MBONGENI MONAKALI	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0735926851		

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
MANOEL TALHADA	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0735155492		A
PHANDA MONDE	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0737134515		P
NOMAWO KO PONDU	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0603806632		PDU
SHOKEYI N BUSWA DINWAGO	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0710276425 0717599245		N. SHOKEYI
TABULISILE MAGGIBELA	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0786039650		N B DINKWAMO
ASANDA MAHANTJANA	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0604104624		J MAGGIBELA A MANTJANA
HLENGIWE PHETHU	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0781763704		H. PHETHU
TOLEKA NOMGQO	KHWETSHEZA	P.O. BOX 8 SWART KLIP 0370	0786069700		T
NOBUNTU MAGXOLO	KHWETSHEZA	P.O. BOX 8 SWART KLIP	0837188677		N. MAGXOLO




Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Mthetheli: Nogenani			078 257 4201		
M.P. Mose			073 7670 332		
Isakrappa Kuyi			078 5610 807		
N. MBANGISWANG			073 622 3337		
E. UJADIC			083 465 1472		
LUCAS			073 854 9010		
BENNET PHOTO			073 474 1616		
P. Mkhane			073 855 9377		
T. MATHOKELUWA			078 682 5740		
S. Baleni			083 609 4406		

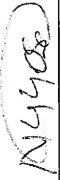








Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Nosi Phengati		P.O. BOX 08 SWARTKLIP 0370			
Hloboni	Khwetshenza		078 4987125		Niz
Bengele					
Mabulu	Khwetshenza	P.O. BOX 08 SWARTKLIP 0370	079 9990032		ABB
Nonkeba					
Nengcawula	Khwetshenza	P.O. BOX 08 SWARTKLIP 0370	083 9742341		N. Nongcawula
Dobulo Mabulu	KHWETSHEZA	P.O. BOX 08 SWARTKLIP 0370	078 2733508		N. Mabulu
Yoliswa GORANA	KHWETSHEZA	SWARTKLIP 0370	063-161127		Y GORANA
XOLISWA GORANA	Khwetshenza	P.O. BOX 08 SWARTKLIP 0370	0766-006260		X GORANA
Thabile RUFUZA	Khwetshenza	P.O. BOX 08 SWARTKLIP 0370	073-6120783		T. RUFUZA
Ntombonyo Mafuza	Khwetshenza	SWARTKLIP 0370			
		P.O. BOX 08	0938114632		Nmtyholozo
		P.O. BOX 08 SWARTKLIP 0370			
		P.O. BOX 08 SWARTKLIP 0370	063/30 4858		T. Kucwana
		P.O. BOX 08 SWARTKLIP 0370	0786142585		N. Mnyakana

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Nomabesi P. Pono	KHWEITSEHA	P.O BOX 8 SWARTKOP 0370	0785106971		
Noma-Roma Botile	"	"	0837640861		N. Botile
Ncebo	"	"	07839910146		N Ncebo
Ntombazon Alice	"	"	0732481683		
E. MPOMO	"	"	0717158320		Signature
DANGENA GOKOYI	KHWEITSEHA	PO BOX 8 SWARTKOP 0370	0738772757		M. Lesiba
Densy M Lesiba	KHWEITSEHA	"	0732739481		N. Mfumbisi
NO MANTOMBIZA	KHWEITSEHA	"	0783310211		M. Mabuku
Mabuku Nkulungo	Khweitshaga	"	073174509		m mSangwa
mdumiso	Khweitshaga	"			
KAKAPA RAPHIEL	mSangwa	"			
Mokoena	"	"	0810672706		









Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Diko Bongelwa	Khwetsheza	PO Box 8 Swerth KIP 0370	0780815538		B. N. Diko
Tsiborako	Khwetsheza	"	0731456115 0731456115		T S i
Mfanta	"		0732718025		N MF
Mphahlele Mphahlele	"		07325587		zzz
Mafisikiso	"				
Lizeka	"				
Tshatso	"				
GIBBA	"		0836725041		ZG
Zintathu	"				
Nokwulunga	"		07832(777)		Nim.
Musokwane	"				
A. N. Nyusane	"		0739533668		A. Nyusane
Nonzolo mduna	"		0739065204		N. mdunani
Nomkhetho	"				
Zihlalele	"		0788749285		NZ

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Nokuthula	"	"	0735417081		X
Madikizela	"	"	076746533		H. Sekoye
Gobingeza	"	"	0835252491		J. Ngwenya
Nomvelo	"	"	0786939797		Luisa
Yolisa	"	"	0738575570		Z'kolo
Nomfula	"	"	0782897097		S2
CHINHAUPE	"	"	0833319612		FA
LUI SA	"	"	0731481544		(1444080)
ZUKILE	WARD COUNSELLOR	"	0781883777		NDJAEIC
KOLO	"	"	082 606 6860		
M O A N A	"	"			
FINIASE	"	"			
T. Ngcelu	"	"			
GRAE GOSO	WARD COUNSELLOR	"			
NOMAWISILE	"	BOX 8 SUNNICKIP 0370			
DELUKI	PR. COUNCILLAR	P.O. Box 515 Perome 10479			
Portia	"	"			
Kgabesefe S.C.I	"	"			

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Christopher Mahloko		P.O BOX 08 KWETSHEZA SWARTKLIP 0370	078 780439		
Lusindiso Maseko		"	0785753279		Maseko
Kanete Mdaani		"	0832384113		
T. NTSHEJI		"	0731090018		
MZAKA KILE		"	0733996050		
TITSA KHAMARE		"	0603341423		
R. J. Mokoany Ngweni		"	0735118363		
Thembaletu		"	0833319612		
Sikhona Doda Lehe			0735150721		
JF mniisi			0790281130		

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
GRACE N Goso		P.O BOX 08 SWARTKIP 0370	P.O. BOX 08 SWARTKIP 0370		
BHANI		KHWETSHEZA	073 148 544		
NKOSEKAJA		KHWETSHEZA	071 808 6404		
Songlangla		Khwetsheza	071 8017173		
Bulebani		Khwetsheza	0731 867021		
Mdyu		"	078 6991166		
THABISO		"			
VINQSHÉ		"			
Mapane		"	0 767612123		
Moeketsi		"	073 8809791		
M.M Letsie		"			
M.J Sokofoana		"	078 9491399		
Mogwena Lucky Tshidiso		"	073 272 7450		

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Bukofoya IUVU	Khwetsheza	P.O. Box 8 Swartklip 0390	0739749013		
Phahane Zukiswa	Khwetsheza	P.O. Box 8 Swartklip 0370	0787922255		Z. Phahane
MJULEKA PHELEKA	Khwetsheza	P.O. Box 8 Swartklip 0370	0737581812		
Mkosiphendwe Thandumzi SENGBA	Khwetsheza	P.O. Box 8 Swartklip 0370	0738800948 0604683530		 T. Sengba
Mysthwa Lunga Bekelama Luwazi Nuyiseka Ngquluntu	Khwetsheza	P.O. Box 8 Swartklip 0370	0854730761 0735168425		 U. Ngquluntu
Mbonini, Mphahla	Khwetsheza	P.O. Box 8 Swartklip 0370	0730602321		
Thulani Mjila Diamwayu	Khwetsheza	Swartklip P.O. Box 0370	0738822454		T.M.
Mzandeni	Khwetsheza	Swartklip 0370	0794718288		

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
NKWENKWAYANA SIMFUMENE	KHWETSHEZA	P.O Box 8 SWARTKLIP 0370	073 46 45 005		
Nkunjana Gcinahaya	KHWETSHEZA	P.O Box 8 SWARTKLIP 0370	063 325 9671		
J. WOLOBA	KHWETSHEZA	P.O Box 8 SWARTKLIP 0370	073 58 35 364		
ZILINDILE NODHU NDINISA MZIKATJAFANI S.	KHWETSHEZA	P.O. Box 8 SWARTKLIP 0370	073 743 1843 073 3770 082 883 8187		Z. HOPU RAS
INGOMERU INTHOKOZISI	KHWETSHEZA	P.O Box 08 SWARTKLIP 0370	076 2860 772		
Sonwabile Lusiba	Khwetsheza	P.O Box 08 SWARTKLIP 0370	073 41 95 484		
ISOIHO Moleleki	Khwetsheza	P.O Box 08 SWARTKLIP 0370	073 74 99 515		
NOBNALA THULANI	KHWETSHEZA	P.O. Box 08 SWARTKLIP 0370	073 9020 731		
Myeki Sicelo	Khwetsheza	P.O. Box 08 SWARTKLIP	0719 740 754		



SIYANDA CHROME SMELTING COMPANY (SCSC)

**MINUTES OF THE PUBLIC SCOPING MEETING HELD FOR THE DEVELOPMENT OF THE
PROPOSED SIYANDA FERROCHROME SMELTER**

DATE	09h00, 23 July 2015
VENUE:	Northam Town Hall
PROJECT:	The proposed development of the Siyanda Ferrochrome Smelter
SLR COMPANY:	SLR Consulting (Africa) (Pty) Ltd
PROJECT NUMBER:	710.19057.00001
PURPOSE:	The purpose of the meeting was: <ul style="list-style-type: none">• To provide an overview of the proposed project• To provide an overview of the environmental assessment process that will be undertaken for the proposed project• To provide an overview and obtain input on the existing status of the environment• To outline and obtain input on potential impacts identified for the proposed project• To record any issues and concerns raised by regulatory authorities• Agree on the way forward and the logistics for report distribution
ATTENDANCE:	An attendance register is presented in Appendix 1.

1. OPEN AND INTRODUCTION

Caitlin Hird (CH) opened the meeting and introduced SLR Consulting (Africa) (Pty) Ltd (SLR) represented by Ntsako Baloyi (NB), William Berry (WB) and herself. CH then introduced Siyanda Chrome Smelting Company (SCSC) (the applicant) represented by Bheki Lebeko (BL) and Portia Kgaboesele (PK) and Tenova represented by Andre Esterhuizen (AE). CH explained that the meeting would be held in English and that translations were available in Afrikaans and Setswana if required.

2. PRESENTATIONS

CH gave a presentation outlining the environmental process, the project scope, project alternatives, the current state of the environment, potential impacts, the way forward in this environmental process and the logistics for report distribution. A copy of the presentation is attached in Appendix 2.

3. DISCUSSION

A number of issues were raised during the meeting. These have been recorded in Table 1 below. Where a response was provided the response has been included in the table below. It was highlighted at the meeting that the EIA is in the scoping stage and as such some questions cannot be answered now and will be answered as part of the EIA outcomes.

TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN

ISSUE RAISED	NAME	RESPONSE GIVEN
Procedural related issues		
This is just a procedural task for you to consult with the landowners but we know our comments will fall on deaf ears because there is no way that a small community can formally object against a company that has invested billions into this project.	Johan Young	Stakeholder engagement is an integral part of the EIA process, and moreover it is a legal requirement. All comments raised during the scoping and EIA/EMP phases will be compiled and submitted to the relevant decision making authority. These comments will be taken into consideration when the EIA is reviewed by the Department of Environmental Affairs (DEA).
How wide an area does the EIA cover?	Derik de Jager	<p>In terms of the actual area covered by the EIA, this will vary from one specialist study to another depending on the expected spatial scale of the anticipated impacts (for example some specialist investigations will be limited to the project site only and others will extend beyond the site boundary).</p> <p>It should be noted that the area for the public participation process is determined by the interested and affected parties (IAPs) identified and engaged as part of the process. In this regard IAPs include landowners, landusers, communities, industry and NGOs within the project site and in the surrounding area.</p>
I do not have much faith in EIA processes in general especially looking at the projects that have been approved and developed in this area.	Johan Young	It has been noted that other projects in the area provide you with little confidence in EIA processes in general.
In European countries there is a greater consideration for the environment. I am concerned about people's consciousness and lack of emotional value attached to the environment.	Hannes Olckers	It has been noted that you would like more people to give greater consideration to the environment.
Technical project related issues		
Will ore be sourced from other operations or will it only be sourced from Swartklip? The size of the plant suggests that it will be able to process more ore than will be provided by Swartklip.	Hannes Olckers	At this stage in project planning, it is expected that incoming chrome concentrate will be sourced from Swartklip and Amandelbult.
Technology in engineering has developed over the years to a point where humans can actually co-exist with industrial developments. There are many advantages for everyone in such a project and at the end of the day we need to measure and take into account all the advantages as well as the disadvantages of such a project.	Basie Kruger	The EIA report will assess both the positive and negative impacts associated with the proposed project.
How much water will this operation utilise, since I realise it is a large plant.	Hannes Olckers	The exact process water requirements will be detailed in the EIA report. What can be said now is that the proposed smelter is not expected to be a water

ISSUE RAISED	NAME	RESPONSE GIVEN
		intensive operation.
Where is additional water going to come from for the purposes of the project? There is already a shortage of water in the town of Northam.	Hannes Olckers	At this stage, it is expected that water for the project will be sourced from Swartklip. Other water supply alternatives currently being considered include borehole water as well as municipal water. More detail on this will be provided in the EIA report.
Will material transport only be done via road?		As detailed in the presentation, material transport will be done via both road and rail. The exact details will be provided in the EIA report.
Why does the smelter have to be located at the proposed location?	Johan Young	There were various factors considered when determining the most preferable location for the proposed smelter. Constraints included the fact that infrastructure needs to be located outside of floodlines of the non-perennial rivers which flow through Portion 3 of the farm Grootkuil. In addition, in order to limit haulage costs, factors such as the proximity to the existing Swartklip mine (where the chrome concentrate will be sourced from) and the proximity to the existing railway line were also taken into account. Further detail regarding the site selection will be provided in the scoping and EIA report.
Surface Water		
The Brakspruit river runs through the site and when it rains, this river flows heavily, therefore it is important that water contamination is investigated for pollution spread downstream.	Adri Young	Your concern has been noted. This will be investigated as part of the hydrology study which will be undertaken as part of the EIA.
The Crocodile river is currently flowing with sewage water only. My concern is the impact that projects such as this will have in worsening things like this.		Potential surface water contamination will be investigated as part of the EIA and specifically as part of the hydrology specialist study. Your particular concern relating to sewage has been noted.
When you refer to keeping "dirty water" separate, what do you mean?		Dirty water (from surface runoff on site) will need to be contained in a dirty water containment system such as pollution control dams etc. to ensure that it is kept separate from clean water which will be diverted away from the site. A detailed stormwater management plan will be designed by a civil engineer and this will be included in the EIA report.
Groundwater		
Will groundwater be tested for the purposes of the project? I no longer have any drinking water available in my boreholes	Johan Young	SLR is currently undertaking the hydrocensus which will be used to inform the groundwater specialist study. SLR will ensure that your borehole is included in this hydrocensus which will determine both groundwater quantity (depth) and quality.
I am concerned about the groundwater impacts as a result of the slag dump.		This will be investigated as part of the specialist groundwater study. The study results will be included in the EIA report
What are the chances that they can include neighbouring farms in		SLR is currently in the process of undertaking the hydrocensus. SLR will be in

ISSUE RAISED	NAME	RESPONSE GIVEN
the groundwater study to test the water quality?		contact with you during the week 27 th July (next week) to arrange a visit to your borehole.
What is meant by a weathered aquifer?	Hannes Olckers	The weathered aquifer refers to the weathered part of the aquifer. A weathered aquifer is usually shallow and is called the weather aquifer due to the weathering (or erosion) of the shallow geology through mechanical and chemical processes.
Water is very scarce in the area. I do not know any borehole in the area that still has water.		Your concern regarding the depth of groundwater in boreholes has been noted. This will be investigated as part of the hydrocensus.
Biodiversity		
I feel lucky to come home/retire in place that has such rich biodiversity, and this is being destroyed by projects in the area.	Hannes Olckers	Your concern regarding biodiversity impacts has been noted and this will be investigated further in the biodiversity specialist study being undertaken for the project. More detail will be provided in the EIA report.
We are concerned about the biodiversity. It does not just include the larger more easily visible animals. What about the bees and those parts of nature which are not easily seen?	Adri Young	A specialist biodiversity investigation will be undertaken as part of the EIA/EMP process. Included in this will be an impact assessment on the flora and fauna in the area.
Air Quality		
I am concerned about air quality impacts. When the southerly wind blows, I will be breathing this air from the plant.	Hannes Olckers	This will be assessed in the air specialist study. The results of the study will be included in the EIA report.
Noise		
I am concerned about noise impacts.	Hannes Olckers	This will be assessed in the noise specialist study. The results of the study will be included in the EIA report.
Land use		
What is the project area currently zoned as?	Johan Young	According to the 2015/16 Integrated Development Plan for the Waterberg District Municipality, the project area is currently zoned as a "mining focus area" and a "major infrastructure corridor area".
Waste issues		
When you refer to the disposal of waste at a designated landfill site, I am concerned that it will be like the dumping site on the Brits Road just outside Northam.	Johan Young	The disposal of waste will be done at a licensed/permitted waste disposal facility. This will most likely be contracted out to a reputable waste management service provider. Further details will be provided in the EIA report.
Visual		
People who live 28 km's away from the smelter will be able to see it.	Adri Young	Your concern regarding visual impacts (and specifically those relating to sense of place) have been noted. This will be investigated further in the visual specialist study. The results of this study will be included in the EIA report.
Visually, the area is already destroyed by the existing mines.	Derik de Jager	

ISSUE RAISED	NAME	RESPONSE GIVEN
Occasionally when taking my clients on game drives I am asked to explain what the infrastructure and lights are in the landscape of the farms		
Traffic and Transport		
I am concerned about the increased pressure that the project will place on roads.	Johan Young	Your concern has been noted and this will be investigated further in the specialist traffic study. The results of this study will be included in the EIA report.
I am concerned about the access route to site. Has this already been decided on?	Adri Young	The current plan for access to site will be via the Dwaalboom Road (between Northam and Swartklip mine). The current Tiramogo Lodge road (off the main Dwaalboom road) will be used to access Portion 3 of Grootkuil, and thereafter a new road from the east to the west of Portion 3 of the farm will be built in order to access the actual project area (CH indicated on the map).
My suggestion would be to use the R510 via Sefikile to access the plant in order to minimise traffic impacts. The Dwaalboom road is currently in a poor state and it is already congested with the current load of traffic. Adding more trucks to this road will make the situation worse.	Johan Young	Your recommendation has been noted and this will be put forward to the Siyanda team.
Socio-economic issues		
I am concerned about the influx of labour and the associated social impacts such as informal settlements, security and littering.	Johan Young	Your concern has been noted and this will be addressed in more detail in the socio-economic specialist study. The results of this study will be included in the EIA report.
The proposed project and its promised jobs will result in an influx of people to the area which will ultimately lead to the establishment of a new informal settlement and its associated impacts such as crime.		
Are there any plans to upgrade the current sewage treatment plant, because the size of the current plant is already too small for the town of Northam and the capacity is inadequate to meet the needs of the town.	Hannes Olckers	It has been noted that the sewage treatment plant is already inadequate. Your query as to whether any upgrades to this plant are planned will be put forward to Siyanda.
The current sewage plant exploded and if you drive on the Dwaalboom road, you can smell it.	Adri Young	
Siyanda needs to ensure that there is no unauthorised access (via pedestrians) to site otherwise workers will trespass on our and other privately owned land.	Johan Young	Your concern has been noted and details on limiting unauthorised/informal access to site will be addressed in the EIA report.
What consideration is given to game farming given that the animals are sensitive to impacts such as noise, air quality and vibrations?	Hannes Olckers	A qualitative assessment of the noise, air quality and vibration impacts on animals will be included as part of the EIA. Impacts on game farming will be

ISSUE RAISED	NAME	RESPONSE GIVEN
		assessed as part of the economic and land use study, the results of which will be provided in the EIA.
I am concerned that my property value will drop dramatically if a smelter is developed next to my farm. It has already been affected by the current mine.	Johan Young	Your concern regarding the lowering of land values has been noted. Land value impacts will be assessed as part of the EIA.
As game farmers we will be losing clients as people would not want to visit a farm that is right next to a smelter.	Derik de Jager	Your concern regarding a loss of business has been noted. Land use impacts will be assessed as part of the EIA.

4. THE WAY FORWARD

CH outlined the way forward as follows:

- It is anticipated that the scoping report will be made available for public and regulatory authority review towards the end of 2015/early 2016.
- A summary document of the scoping report will be compiled in English and Setswana and will be distributed to IAPs via post, fax and e-mail.
- Copies of the scoping report will be placed at the following venues for public review:
 - Thabazimbi Local Municipality
 - Waterberg District Municipality
 - Northam Public Library
 - Northam Stock Fare Grounds
 - Kwetsheza Community (home of ward councillor)
 - Mantserre Community (home of ward councillor)
- Regulatory authorities and IAPs will have 30 days to submit comments on the scoping report.

5. CLOSE

CH thanked everyone for attending the meeting and closed the meeting

APPENDIX 1: ATTENDANCE REGISTER

Attendee	Affiliation	Contact
Caitlin Hird	SLR Consulting (Africa) (Pty) Ltd	chird@slrconsulting.com 011 467 0945
Ntsako Baloyi		nbaloyi@slrconsulting.com 011 467 0945
William Berry		wberry@slrconsulting.com 011 467 0945
Andre Esterhuizen	Tenova Pyromet	Andre.esterhuizen@tenova.com 011 480 2000
Portia Kgaboesele	Siyanda Chrome Investments	Portia.kgaboesele@angloamerican.com 082 606 6860
Bheki Lebeko	Siyanda Chrome	blebeko@siyandaresources.co.za 083 466 7462
Basie Kruger	Representing Rhebokkloof	Basiekruger9@gmail.com 072 996 2605
Hannes Olckers	Representing Kameeldoring Lodge	holckers@mweb.co.za 083 230 1759
Tokka Kruger	Representing Rhebokkloof	Akajohan70@gmail.com 079 258 3080
Z. J Young and Adri Young	Resident on Kameelhoek and Nooitgedacht	082 873 8322
H. Steyn	Plot 37 Wildebeestlaagte	079 522 3167
Tanya Kruger	Representing Rhebokkloof	tkruger553@gmail.com 079 436 4829
Victor Madubanga	Dept of Rural Development & Land Reform	071 856 0583 Victor.madubanya@drdlrgov.za
Johan Young	Neighbouring farm	Johan.mandarin@gmail.com 083 998 2593
Derik de Jager	Game Farmer Middelkop 362 KQ	derik@khalanyoni.co.za

APPENDIX 2: PRESENTATION

Siyanda Chrome Smelting Company (SCSC)

SLR Consulting (Africa) (Pty) Ltd

Date:

25 July 2015

Meeting:

Northam Town Hall



Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Basie Kruger	Represent Rhebokkloof	P.O. Box 866 Swartkoppie 0370	0729962605	basiekruger@gmail.com	[Signature]
Hannes Ockers	Represent Kameeldorins Lodge	P.O. Box 866 Swartkoppie 0370	0832301759	haldkorsemaab.co.za	[Signature]
Tanya Kruger	Resident at Rhebokkloof		074 253 5080	crackjohann@gmail.com	[Signature]
Z. J Young + Alan Young	Resident Farm Kameelhoeke + Mooritsgedeech	P.O. Box 29 Swartkoppie 0370.	0898738302		[Signature]
H. STERN.	Plot 37 WILDRISBACHGAT	P. 0184+384 NORTHAM.	0795223167		[Signature]
Tanya Kruger	Representing Rhebokkloof		07943641829	tkruger553@gmail.com	[Signature]
Victor Mndubisi	Dept of Rural Development & Land Reform	Private Bag X 9312 Pretoria, 000	071 856 0583 075 297 3539	victor.mndubisi@drdl.gov.za	[Signature]
Potha Kgabane	SIMANDA CHROME INVESTMENTS (SA)	P.O. Box 515 LERONGE 0477	082 606 6860	pothakgabane@simanda-chrome.com	[Signature]
Bheki Lebeko	SIMANDA	81 MAN STR IMMERS HALL TOWN JHB	0834667462	blebeko@siyandaresources.co.za	[Signature]

Date: 23 July 2015 09:30

Meeting: Northam Town Hall



Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Johana Young	Neighbourhood FARM	P.O. Box 844 SWARTKLIP	083 998 2593 johan.mandarin@gmail.com	johan.mandarin@gmail.com	
Williamberg	SLR	PO Box Crommer view 2060	011 467 0945	wberry@slrconsulting.com	
Carlton Hird	"	"	"	chird@slrconsulting.com	
Ntako Nkoyi	"	"	"	nkoyi@slrconsulting.com	
Derik de Jager	Game Farmer Middelkop 36219	PO BOX 140 SWARTKLIP 0370	0734238440	derik@khalkeyeni.co.za	
Andri Esterhuizen	TENAVA PROMET	58 Cromwell Parkweg Middelkopfontein	011 480 2060	andri.esterhuizen@tenava.com	



SIYANDA CHROME SMELTING COMPANY (SCSC)

**MINUTES OF THE AUTHORITY SCOPING MEETING AND SITE VISIT HELD FOR THE
DEVELOPMENT OF THE PROPOSED SIYANDA FERROCHROME SMELTER**

DATE:	14h00, 23 July 2015
VENUE:	Swartklip Recreational Centre
PROJECT:	The proposed development of the Siyanda Ferrochrome Smelter
SLR COMPANY:	SLR Consulting (Africa) (Pty) Ltd
PROJECT NUMBER:	710.19057.00001
PURPOSE:	The purpose of the meeting was: <ul style="list-style-type: none">• To provide an overview of the proposed project• To provide an overview of the environmental assessment process that will be undertaken for the proposed project• To provide an overview and obtain input on the existing status of the environment• To outline and obtain input on potential impacts identified for the proposed project• To record any issues and concerns raised by regulatory authorities• Agree on the way forward and the logistics for report distribution
ATTENDANCE:	An attendance register is presented in Appendix 1.

1. OPEN AND INTRODUCTION

Caitlin Hird (CH) opened the meeting and introduced SLR Consulting (Africa) (Pty) Ltd (SLR) represented by William Berry (WB) and herself. CH then introduced Siyanda Chrome Smelting Company (SCSC) (the applicant) represented by Bheki Lebeko (BL). All attendees then introduced themselves. See Appendix 1 for the attendance register.

2. PRESENTATIONS

CH gave a presentation outlining the environmental process, the project scope, project alternatives, the current state of the environment, potential impacts, the way forward in this environmental process and the logistics for report distribution. A copy of the presentation is attached in Appendix 2.

3. DISCUSSION

A number of issues were raised during the meeting. These have been recorded in Table 1 below. Where a response was provided the response has been included in the table below. It was highlighted at the meeting that the EIA is in the scoping stage and as such some questions cannot be answered now and will be answered as part of the EIA outcomes.

TABLE 1: RECORD OF ISSUES RAISED AND RESPONSES GIVEN

ISSUE RAISED	NAME	RESPONSE GIVEN
Procedural related issues		
Has SLR consulted with the surrounding landowners and landusers with regards to the proposed project?	Makahane Rudzani (DWS)	Public scoping meetings were conducted with surrounding landowners and landusers. In addition to advertising the project in the Kwevoel and Sowetan newspapers, site notices were placed in and around the project area and surrounding communities, and BIDs were circulated.
The department of Water and Sanitation would like to see the service agreement letter between Siyanda and the Waterberg municipality for water supply.		It has been noted that your department would like to see the service agreement letter.
SLR should consult the Environmental Management Framework as a guideline.	Vincent Raphunga (WDM: Air Quality)	The relevant EMFs, IDPs and SDFs would be taken into consideration in the compilation of the EIA.
Technical project related Issues		
Why has Siyanda decided to develop a new smelter when there is already an existing smelter at the Swartklip mine?	Makahane Rudzani (DWS)	The Swartklip smelter is a platinum smelter whereas the proposed smelter would be a ferrochrome smelter. These two smelter types are different (response by BL).
Our civil design team will be reviewing the proposed slag dump design and I emphasise the importance of a liner in accordance with the new regulations.		The engineering design for the slag dump will form part of the EIA which will be submitted for your departments review.
Water		
For the purposes of the WULA, SLR should identify all relevant water uses on the proposed site and surrounding the proposed site.	Makahane Rudzani (DWS)	All relevant water uses will be identified and applied for.
Blasting		
Should there be blasting, Siyanda should notify surrounding landowners and land-users ahead of time	Makahane Rudzani (DWS)	Should blasting be undertaken this would be minimal and limited to the construction phase (for foundations only).
Air Quality		
You mentioned that there is currently baseline air quality monitoring done for the proposed project, would you kindly confirm the duration of the baseline monitoring.	Stanley Koenait (WDM: Air Quality)	The duration for baseline monitoring is 12 months and commenced in June 2015.
What parameters are being measured as part of your baseline monitoring campaign?		The parameters measured include: dust fallout, PM10, PM2.5, SO2, NO2 and Volatile Organic Compounds.
Land use		
If the proposed project area is currently zoned for agricultural purposes, a re-zoning process would need to be followed.	Makahane Rudzani (DWS)	According to the 2015/16 Integrated Development Plan for the Waterberg District Municipality, the project area is currently zoned as a "mining focus

ISSUE RAISED	NAME	RESPONSE GIVEN
		area” and a “major infrastructure corridor area”.
Waste issues		
Siyanda should ensure that the newly proposed sewage system is in place before operation of the project, due to the incapacity of the current sewage system.	Makahane Rudzani (DWS)	It has been noted that the sewage treatment plant is already inadequate. Your comment is noted and will be put forward to Siyanda.

4. THE WAY FORWARD

CH outlined the way forward as follows:

- It is anticipated that the scoping report will be made available for public and regulatory authority review towards the end of 2015/early 2016.
- A summary document of the scoping report will be compiled in English and Setswana and will be distributed to IAPs via post, fax and e-mail.
- Copies of the scoping report will be placed at the following venues for public review:
 - Thabazimbi Local Municipality
 - Waterberg District Municipality
 - Northam Public Library
 - Northam Stock Fare Grounds
 - Kwetsheza Community (home of ward councillor)
 - Mantserre Community (home of ward councillor)
- Regulatory authorities and IAPs will have 30 days to submit comments on the scoping report.






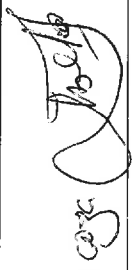

5. CLOSE

CH thanked everyone for attending the meeting and closed the meeting. Thereafter a site visit was held.

APPENDIX 1: ATTENDANCE REGISTER

Attendee	Affiliation	Contact
Caitlin Hird	SLR Consulting (Africa) (Pty) Ltd	chird@slrconsulting.com 011 467 0945
William Berry		wberry@slrconsulting.com 011 467 0945
Bheki Lebeko	Siyanda Chrome	blebeko@siyandaresources.co.za 083 466 7462
Siphokazi Isaac	Department of Water and Sanitation	IsaacS@dwa.gov.za 0122079911 0833787997
Tinyani Makhunele		MakhubeleT@dwa.gov.za
Makahane Rudzani		makaner@dwa.gov.za
Stanley Koenait	Waterberg District Municipality: Air Quality Directorate	skoenait@waterberg.gov.za 0825812998 0147183331
Vincent Raphunga		vraphunga@waterberg.gov.za 0834667462

APPENDIX 2: PRESENTATION

Name and Surname	Designation / Interest	Postal address	Contact numbers	E-mail	Signature
Siphokazi, Isaac	EO: DNS	P/Bag X 357 Hartbeespoort 0216	012 207 9911 0833787997	isaacs@dwa.gov.za	
Ticeni Mathubek	EO: DNS	P/Bag X 357 Hartbeespoort 0216	012 207 9911 0813073973	Mathubek@dwa.gov.za	
Makahame Ruelzani	DNS - HBP	P/Bag X 357 Hartbeespoort 0216	0792141326	makahamer@dwa.gov.za	
Stanley Koenite	Air Quality Mreer	P/Bag X 1018 Woodmole 0510	082 581 2998 014 718 3331	skoenite@whitesig.gov.za	
VINCENT RAPHUNGA	AIR QUALITY OFFICER	P/BAG X 1018 MDAMOLE 0510	0795026112	vraphunga@waterberg.gov.za	
Bheki Lebeke	SIYANDA	81 MAIN STR. 12TH FLOOR MORRIS HILL TOWN JHB	083 466 7462	blebeke@siyandasservices.co.za	
William berry	SLR	PO BOX Cranmerview 2060	011 467 0945	wberry@slrconsulting.com	
Cathin Hird	SLR	PO Box Cranmerview 2060	011 467 0945	chird@slrconsulting.com	

William Berry

From: Ingrid Morrison <morrison@worldonline.co.za>
Sent: 21 July 2015 09:15 AM
To: Caitlin Hird
Subject: Registration and Response
Attachments: SLR Consulting - Environmental Assessment.pdf

Good morning Caitlin,

Attached, my registration as an interested and affected party pertaining to the new proposed development of a ferrochrome smelter on portion 3 of the fam Grootkuil 409 KQ.

Regards,
Ingrid Morrison

William Berry

From: Derik de Jager <derik@khalanyoni.co.za>
Sent: 23 July 2015 02:53 PM
To: Caitlin Hird
Subject: SCSC

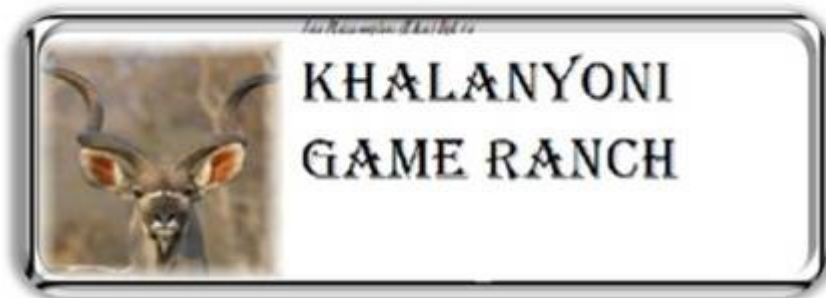
Hi Caitlin

Could you please forward me a copy of the Background information document for the development of the proposed new ferrochrome smelter?

Thank you.

Groete

Derik de Jager
Bestuurder
Khalanyoni Game Ranch
Sel: 073 423 8440



_____ Information from ESET NOD32 Antivirus, version of virus signature database 11984
(20150723) _____

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

William Berry

From: Marietjie Schoeman <thestablesmarietjies@gmail.com>
Sent: 29 July 2015 07:48 AM
To: Caitlin Hird; smegill@lantic.net
Cc: Ntsako Baloyi
Subject: RE: Siyanda | Presentation from scoping meetings SP Schoeman rejection

Dear Caitlin

Please add this to the Scoping and objections.

I am strongly against the building of the smelter adjacent to my property "Restant van die plaas Grootkuil"

The only option forward is that Siyanda will buy our portion adjacent to the smelter..

With all the changes that the project will bring about we will not be able to run our farm in the same manner as we are doing now.

The portion that is our biggest concern is left from the tar road from Northam towards Swartklip.

Please acknowledge this e-mail.

Kind regards

Marietjie Schoeman

The Stables Country Lodge

Cell: 072 862 9920

Email: thestablesmarietjies@gmail.com

From: Caitlin Hird [<mailto:chird@slrconsulting.com>]
Sent: 24 July 2015 08:59 AM
To: thestablesmarietjies@gmail.com; smegill@lantic.net
Subject: Siyanda | Presentation from scoping meetings

Good morning ladies,

As promised please see attached a copy of the presentation given during this week's meetings. Please feel free to circulate this to anyone whom you feel might like to be involved in the public participation phase of the project.

If there is anyone else whose details you feel should be specifically added to our project database please let me know and I will add these to our existing list of IAPs (these may be people whom weren't able to attend the meetings but might wish to be kept informed on the project).

If there are any other issues that come to mind which you would like to have addressed as part of the EIA/EMP phase please don't hesitate to let me know.

Thank you

Caitlin Hird

Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd

Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa



Industry



Infrastructure



Mining & Minerals



Oil & Gas



Planning & Development



Renewable & Low Carbon

Confidentiality Notice and Disclaimer

This communication and any attachment(s) contains information which is confidential and may also be legally privileged. It is intended for the exclusive use of the recipient(s) to whom it is addressed. If you are not the intended recipient, any disclosure, copying, distribution or any action taken or omitted to be taken in reliance on it, is prohibited and may be unlawful. If you have received this communication in error please email us by return mail and then delete the email from your system together with any copies of it. Please note that you are not permitted to print, copy, disclose or use part or all of the content in any way.

Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused and SLR accepts no responsibility for changes made to this email or any attachment after transmission from SLR. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

Any views or opinions are solely those of the author and do not necessarily represent those of SLR Management Ltd, or any of its subsidiaries, unless specifically stated.

SLR Consulting (South Africa) (Proprietary) Limited and SLR Consulting (Africa) (Proprietary) Limited are both subsidiaries of SLR Management Ltd. Registered Office: Unit 7 Fourways Manor Office Park, Cnr Roos and Macbeth Street, Fourways, 2191, Gauteng, South Africa

William Berry

From: Sandy McGill <smcgill@lantic.net>
Sent: 05 August 2015 01:09 PM
To: Caitlin Hird
Subject: RE: Siyanda | Presentation from scoping meetings SP Schoeman rejection

Hi Caitlin

Thank you for forwarding her comments. We are opposed to the new Ferro-chrome Smelter as it will affect our Game farming industry, and land values negatively.

We would also like some sort of specialist to come and see why our trees and grasses are dying. We think it may be "acid rain" from the present smelter - and a second smelter will probably make it worse. The trees that have died include: Maroelas, Sickle-bush, Dombeya (wild pear) , "Kan-nie Dood, Jacket Plums, and Prickly Pears. A number of waterbuck and reed-buck also just died for no apparent reason.

I forwarded your documentation to a number of people.
Here are a few other people's details:
Johann Pieterse 083 268 6524
Schalla van Schalwyk - Hanneltjie@svsboerdery.co.za
Gert Botha (Dumanzi) - 082 920 2802

Best regards
Sandy

From: Caitlin Hird [<mailto:chird@slrconsulting.com>]
Sent: 29 July 2015 08:45 AM
To: Marietjie Schoeman; smcgill@lantic.net
Cc: Ntsako Baloyi
Subject: RE: Siyanda | Presentation from scoping meetings SP Schoeman rejection

Good morning Marietjie

Thank you for your email.

Your comments will be included and addressed as part of the EIA process.

Should you have any further concerns at any stage please contact me so that these can be included too.

Thanks

From: Marietjie Schoeman [<mailto:thetablesmarietjies@gmail.com>]
Sent: 29 July 2015 07:48 AM
To: Caitlin Hird; smcgill@lantic.net
Cc: Ntsako Baloyi
Subject: RE: Siyanda | Presentation from scoping meetings SP Schoeman rejection

Dear Caitlin

Please add this to the Scoping and objections.

I am strongly against the building of the smelter adjacent to my property "Restant van die plaas Grootkuil"

The only option forward is that Siyanda will buy our portion adjacent to the smelter..

With all the changes that the project will bring about we will not be able to run our farm in the same manner as we are doing now.

The portion that is our biggest concern is left from the tar road from Northam towards Swartklip.

Please acknowledge this e-mail.

Kind regards

Marietjie Schoeman

The Stables Country Lodge

Cell: 072 862 9920

Email: thestablesmarietjies@gmail.com

From: Caitlin Hird [<mailto:chird@slrconsulting.com>]

Sent: 24 July 2015 08:59 AM

To: thestablesmarietjies@gmail.com; smegill@lantic.net

Subject: Siyanda | Presentation from scoping meetings

Good morning ladies,

As promised please see attached a copy of the presentation given during this week's meetings. Please feel free to circulate this to anyone whom you feel might like to be involved in the public participation phase of the project.

If there is anyone else whose details you feel should be specifically added to our project database please let me know and I will add these to our existing list of IAPs (these may be people whom weren't able to attend the meetings but might wish to be kept informed on the project).

If there are any other issues that come to mind which you would like to have addressed as part of the EIA/EMP phase please don't hesitate to let me know.

Thank you

Caitlin Hird

Environmental Assessment Practitioner

SLR Consulting (Africa) (Pty) Ltd

Email: chird@slrconsulting.com

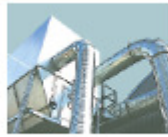
Mobile: +27 84 491 1987

Tel: +27 11 467 0945

Ext: 3216

Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park
Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa



Industry



Infrastructure



Mining & Minerals



Oil & Gas



Planning & Development



Renewable & Low Carbon

Confidentiality Notice and Disclaimer

This communication and any attachment(s) contains information which is confidential and may also be legally privileged. It is intended for the exclusive use of the recipient(s) to whom it is addressed. If you are not the intended recipient, any disclosure, copying, distribution or any action taken or omitted to be taken in reliance on it, is prohibited and may be unlawful. If you have received this communication in error please email us by return mail and then delete the email from your system together with any copies of it. Please note that you are not permitted to print, copy, disclose or use part or all of the content in any way.

Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused and SLR accepts no responsibility for changes made to this email or any attachment after transmission from SLR. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

Any views or opinions are solely those of the author and do not necessarily represent those of SLR Management Ltd, or any of its subsidiaries, unless specifically stated.

SLR Consulting (South Africa) (Proprietary) Limited and SLR Consulting (Africa) (Proprietary) Limited are both subsidiaries of SLR Management Ltd. Registered Office: Unit 7 Fourways Manor Office Park, Cnr Roos and Macbeth Street, Fourways, 2191, Gauteng, South Africa

William Berry

From: Caitlin Hird
Sent: 06 August 2015 08:51 AM
To: pier.devries@angloamerican.com
Cc: Piers du Plessis; dkovarsky@siyandaresources.co.za
Subject: Sewage treatment plant update and summary of comments from Union Mine

Morning Pier,

I hope you had a good holiday, I'm sure it feels like a long time ago! Theunis was very helpful in assisting with our hydrocensus while you were away, please thank him again on our behalf.

We held the scoping meetings from 21 to 23 July and had some valid comments from stakeholders, all of which will be addressed as part of the EIA process. The incapacity of the sewage treatment system was something that came up several times and we will need to provide some feedback on this in the EIA. I believe there was/will be some investment from Anglo made towards the upgrade/maintenance of the plant, however I just wanted to clarify this with you so that I have some context. Are you able to provide me with an update on this?

Secondly, I'd also just like to confirm (following the meeting with yourself, Philip, Piers and I on 13th May) that the issues listed below are things which Union would like to see addressed as part of the Siyanda EIA. Since no residents from Swartklip Mine town itself attended the scoping meetings, we will assume that the issues below are representative of the concerns of the broader Swartklip community. If there are any other potential impacts/issues which you would like to be addressed as part of the EIA, please do not hesitate to let me know. From our meeting note I have the following:

- Air quality impacts
- Noise related impacts
- Water related impacts
- Siyanda should assist in the maintenance of the boundary fence between portions 3 and 4 of Grootkuil
- Ideally no housing development to be constructed on site for the purposes of the project
- Where possible, employment should be from local communities first
- On-going stakeholder engagement meetings/forums should be held
- Relevant IAPs from the Wildebeeslaagte development should be engaged
- The solar project should be engaged.

I will be in touch when I am next on site so we can get together over some coffee and I can bring you up to date with where we are in the process.

Thanks Pier, much appreciated.

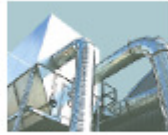
Caitlin Hird

Environmental Assessment Practitioner
SLR Consulting (Africa) (Pty) Ltd

Email: chird@slrconsulting.com
Mobile: +27 84 491 1987
Tel: +27 11 467 0945
Ext: 3216
Fax: +27 11 467 0978

SLR Africa (Block 7)
Fourways Manor Office Park

Cnr Roos and Macbeth Streets
Fourways, Johannesburg, 2060
South Africa



Industry



Infrastructure



Mining & Minerals



Oil & Gas



Planning & Development



Renewable & Low Carbon

Confidentiality Notice and Disclaimer

This communication and any attachment(s) contains information which is confidential and may also be legally privileged. It is intended for the exclusive use of the recipient(s) to whom it is addressed. If you are not the intended recipient, any disclosure, copying, distribution or any action taken or omitted to be taken in reliance on it, is prohibited and may be unlawful. If you have received this communication in error please email us by return mail and then delete the email from your system together with any copies of it. Please note that you are not permitted to print, copy, disclose or use part or all of the content in any way.

Emails and any information transmitted thereunder may be intercepted, corrupted or delayed. As a result, SLR does not accept any responsibility for any errors or omissions howsoever caused and SLR accepts no responsibility for changes made to this email or any attachment after transmission from SLR. Whilst all reasonable endeavours are taken by SLR to screen all emails for known viruses, SLR cannot guarantee that any transmission will be virus free.

Any views or opinions are solely those of the author and do not necessarily represent those of SLR Management Ltd, or any of its subsidiaries, unless specifically stated.

SLR Consulting (South Africa) (Proprietary) Limited and SLR Consulting (Africa) (Proprietary) Limited are both subsidiaries of SLR Management Ltd. Registered Office: Unit 7 Fourways Manor Office Park, Cnr Roos and Macbeth Street, Fourways, 2191, Gauteng, South Africa



SIYANDA CHROME SMELTING COMPANY (SCSC)

MINUTES OF PRE APPLICATION MEETING WITH THE DEPARTMENT OF ENVIRONMENTAL AFFAIRS (DEA)

DATE	24 February 2016
VENUE:	DEA offices, Pretoria
PROJECT:	Environmental Impact Assessment (EIA) for the Proposed Siyanda Ferrochrome Smelter
SLR COMPANY:	SLR Consulting (Africa) (Pty) Ltd
PROJECT NUMBER:	710.19057.00001
PURPOSE:	The purpose of the meeting was to: <ul style="list-style-type: none">• introduce the project,• present a summary of public participation process to date• present a summary of public participation going forward• present the potential environmental impacts identified to date• discuss the permissions required• present queries regarding the NEMA & NEM:WA application• obtain input from the DEA regarding queries relating to the environmental permitting process to be undertaken
ATTENDANCE:	An attendance register is presented in Appendix 1.

1. OPEN AND INTRODUCTION

Caitlin Hird (CH) (Project Manager), representing SLR Consulting (Pty) Ltd (SLR), opened the meeting by introducing herself and thereafter the meeting attendees introduced themselves. The meeting attendees included: Brandon Stobart (BS) and William Berry (WB) also representing SLR, Richard Phillips (RP) representing Siyanda Chrome Smelting Company (the applicant), and Shiba Sebone (SS), Masina Litsoane (ML) and Bathandwa Ncube (BN) all representing the Department of Environmental Affairs (DEA).

2. PRESENTATION

CH gave a presentation (this has been included in Appendix 2) which covered the following agenda items:

- Introduction to project
- Summary of public participation process to date
- Summary of public participation going forward
- Potential environmental impacts
- Permissions required
- NEMA & NEM:WA application
- General discussion
- Way forward

3. DISCUSSION

A number of points were raised during the meeting. These have been recorded in Table 1 below. Where a response was provided the response has been included in the table.

Table 1: COMMENTS MADE DURING THE MEETING AND RESPONSES GIVEN BY THE PROJECT TEAM

Issue raised	By whom	Response (given by SLR unless otherwise stated)
Procedural/Application related matters		
How far along is the public participation process?	Masina Litsoane	<p>The scoping phase public meetings have been undertaken and we have compiled a summary of the issues raised during those scoping meetings. All issues raised have been included in the specialist terms of reference to inform the scope of specialist work which is being undertaken for the EIA. The next stage in the public participation is to distribute the draft scoping report for public and regulatory authority review (CH-SLR).</p> <p>In addition to the public scoping meetings, SLR has also arranged some one-on-one focused meetings and has undertaken a social scan to profile the different communities (BS-SLR).</p>
Have any issues been raised during the public engagement that may suggest that the project is fatally flawed?	Richard Phillips	The EIA process is still in its early stages, however there is nothing to date that suggest that there are any fatal flaws. It is believed that all issues raised by IAPs during the scoping phase meetings can be addressed in the EIA and by specialist investigations and that all potential impacts identified to date can be mitigated to an acceptable level. More detail will be provided in the scoping report and the EIA and EMP report (CH-SLR).
Have you submitted the application yet?	Masina Litsoane	The application has not yet been submitted. The plan is to submit the scoping report together with the application (CH-SLR).
Should the application need to be amended (by removing an activity no longer applicable) at any stage, will additional public engagement need to be done in support of this?	Brandon Stobart	Additional public participation will not be required because it will have already been done as part of the original application submitted. The latest that an amendment can be done is during the final EIR phase because at this point all project details should be refined. (ML-DEA).
How many copies of the scoping report and EIA report should we send to your department for review?	Brandon Stobart	For the draft scoping report you can send 2 hard copies and 2 CDs. For the final scoping you can send 3 hard copies and 3 CDs. For the draft EIA report you can send 2 hard copies and 2 CDs. For the final EIA you can send 6 hard copies and 3 CDs (ML-DEA).
In our experience it is recommended that the applicants submit the application to our department along with a draft scoping report to review and provide comments. Therefore when the draft scoping report is submitted to the public for review, please provide a copy to the DEA as well.	Masina Litsoane	Thank you for the suggestion. We will follow this approach (CH-SLR).
Would your department suggest a similar approach with the EIA report submission?	Caitlin Hird	Yes the same approach applies with the EIA. (ML-DEA).

Issue raised	By whom	Response (given by SLR unless otherwise stated)
In recent experience with Water Use Licence Applications (WULA) to the Department of Water and Sanitation (DWS) it appears that the DWS is not yet ready to run their licensing process in parallel with the NEMA process, would you agree?	Brandon Stobart	Yes, the WULA process is still being run separately to the NEMA process. The DEA would however like to see proof that you have initiated discussions with the DWS regarding a WULA. The conditions of a positive authorisation from DEA will state that a Water Use License should be obtained prior to any construction phase activities commencing (ML-DEA).
If activities in Listing Notice 1 are triggered however the same activity is triggered in Listing Notice 2 given that the higher threshold is relevant to the project, should both the activities in Listing Notice 1 and 2 be applied for?	Masina Litsoane	In this case only the activity for the higher threshold (i.e. Listing Notice 2) needs to be applied for (ML-DEA).
Waste related matters		
We have completed our preliminary geochemical waste assessment work on the slag and baghouse dust and as a combined waste the reported results indicate that this is a type 3 waste requiring a Class C liner. Please advise as to whom from the DEA Waste Directorate we should meet to get feedback on this approach.	Caitlin Hird	Zama Mthembu would be able to assist in this regard and I can also join you at this meeting (SS-DEA) Zingisa Phohlo will also be able to assist. I also suggest you invite someone from the DWS to attend this meeting (ML-DEA) Action: SLR has initiated correspondence with the DEA Waste Directorate to arrange this meeting.
Will you arrange for someone from DWS to attend the meeting with the Waste Directorate is this something that should be arranged by SLR? We believe that it would be beneficial to engage with the relevant authorities at DWS from the outset.	Brandon Stobart	I suggest you make contact with Zama or Zingisa first. I will send you their email addresses (ML-DEA). Action: SLR has received these contact details from ML.
Category B Activity 4 of the Listed Waste Activities pertains to the treatment of waste. At this stage it is not anticipated that baghouse dust will need to be treated prior to disposal. However in the event that treatment is required, should Activity 4 be included as a precautionary approach in case baghouse dust treatment is required for the project? If need be, this can be withdrawn from the application at a later stage.	Caitlin Hird	We would recommend that this activity is included in the interim whilst the project scope is not yet 100% confirmed (SS-DEA).
Category C Activity 2 of the Listed Waste Activities, refers to the storage of waste. This Activity has been included in the draft application as it stands now, however given that the mineralised waste facility is not for temporary storage but rather for disposal of waste, this may not be necessary. Please advise as to the relevance of this activity for such a disposal facility?	Caitlin Hird	It is agreed that Category C Activity 2 need not be applied for since the facility will be a disposal facility, rather than a storage facility. SLR should however ensure that Category B Activity 7 is applied for in order to authorise the disposal of hazardous waste (SS-DEA)

Issue raised	By whom	Response (given by SLR unless otherwise stated)
The application has included Category B Activity 7 for disposal of hazardous waste (and also Category B Activity 10 for the construction of the facility).	Caitlin Hird	Agreed, both of these Activities are relevant (SS-DEA).
In the event that mineralised waste might be reused, reclaimed or further processed at a later stage (or sold for building aggregates) should the application include Activity 2 of Category B in order to authorise this?	Caitlin Hird	Yes, Activity 2 of Category B should be applied for if there are any plans for reuse, recycling or recovery of this waste (SS-DEA).
With reference to Section 5 of the Application form, it appears that some items are relevant only to landfill facilities. Is it safe to assume that any sections which are not relevant to the mineralised waste facility can be ignored.	Caitlin Hird	Any sections which clearly relate to landfill facilities can be ignored (SS-DEA).
Section 2 of the Application requires that particulars of the source, location, nature, composition and quantity of emission to the atmosphere, surface water, sewer, and groundwater water including noise emissions should be provided in the Process Flow Diagram (PFD) and that solid waste should be in tons and specify units for liquids and gases. In the event that some of this detail is not yet available, can it be indicated that this level of detail will be provided in the EIA and EMP.	Caitlin Hird	Information that is available when the application is lodged should be included in the PFD. Any detail which is not yet available can be indicated as such and included in the EIA and EMP report. The PFD as presented this morning will suffice for the purposes of the application (ML-DEA).
Do not forget to add Category B Activity 10 for the construction of the waste facility.	Shiba Sebone	This has been included in the application (CH-SLR).
Let's confirm what has been discussed and agreed on so far in terms of the waste related activities which will be applied for?	Brandon Stobart	The only relevant Category for the SCSC project is Category B (no activities from Category A or C are necessary). In this regard, the relevant activities are 2, 4, 7 and 10 (CH-SLR).
Could you please provide some more information on "treatment" as referred to in the presentation?	Shiba Sebone	At this stage it is not certain whether baghouse dust will need to be treated, however Category B Activity 4 will be applied for to cater for this should it be part of the project scope (CH-SLR).
We would like to see in the scoping report whether there are any future plans with the disposed waste, for example if there are plans to re-use or recover this waste this would be in line with the DEA's strategy for waste minimisation and limiting disposal. This will be an important aspect which the DEA considers when processing the application and supporting reports.	Shiba Sebone	Ideally, SCSC would secure a contract with a 3 rd party buyer in which case the waste would be sold and/or be further beneficiated. This however cannot be confirmed, but will be considered along with other waste minimisation options (BS-SLR).

Issue raised	By whom	Response (given by SLR unless otherwise stated)
Is the proposed waste facility within a greenfield area?	Masina Litsoane	The proposed project area has been heavily disturbed as a result of cropping and grazing activities and as a result little natural flora and fauna remain. It should also be noted that the proposed project area is located immediately adjacent to the operational Union Section Mine and therefore the expected impacts arising from the project are expected to overlap to a large degree with the impact zone of the mine (CH-SLR).
How many tons of waste will be dumped on the mineralised waste facility? Please ensure to include this amount in your report.	Shiba Sebone	It is expected that approximately 400 000 tons per annum of mineralised waste material will be disposed onto the mineralised waste facility (RP-SCSC). This detail has been included in the scoping report which will be submitted (CH-SLR).
If SCSC is able to arrange an agreement with a 3 rd party buyer of the mineralised waste, but will still need to temporarily store the waste prior to sale, should Category C Activity 2 relating to storage be included in the application?	Brandon Stobart	No Category B Activity 7 for disposal still applies (SS-DEA).
Disposal should be applied for regardless. In the instance where any contractual agreement fell through and SCSC no longer had a buyer for its waste then authorisation for disposal would be required.	Masina Litsoane	Your confirmation of this has been noted (CH-SLR).
Other matters		
In your report also include the employment opportunities for this project.	Shiba Sebone	All information as provided in the presentation today has been included in the scoping report for submission. This includes information on proposed employment opportunities (CH-SLR).

4. CLOSE

CH thanked attendees for their input and for making the time to attend the meeting. The meeting was closed at 13h00.

APPENDIX 1: ATTENDANCE REGISTER

Name	Surname	Department	Postal Address	Tel/Cell	Email
Caitlin	Hird	SLR Consulting (Africa) (Pty) Ltd	PO Box 1596 Cramerview 2060	011 467 0945	chird@slrconsulting.com
Brandon	Stobart				bstobart@slrconsulting.com
William	Berry				wberry@slrconsulting.com
Richard	Phillips	Siyanda Chrome Smelting Company	12 th Floor Nedbank Building 81 Main Street Johannesburg	082 938 3712	rphillips@siyandaresources.co.za
Shiba	Sebone	DEA	Private Bag x447 Pretoria 0001	012 399 9783	ssebone@environment.gov.za
Masina	Litsoane				mlitsoane@environment.gov.za
Bathandwa	Ncube				bncube@environment.gov.za

Project: Siyanda Chrome Smelter EIA

SLR Company: SLR Consulting (Africa) (Pty) Ltd


Date: 24 February 2016

Meeting: Siyanda | DEA Pre-application meeting



Name and Surname	Designation/Interest	Postal address	Contact numbers	E-mail	Signature
William Berry	SLR	PO Box 1596 Crameriew 2060	011 467 0945	wberry@slrconsulting.com	
Brandon Stobart	SLR	PO Box 1596 Crameriew 2060	011 467 0945	bstobart@slrconsulting.com	
Caitlin Hird	SLR	PO Box 1596 Crameriew 2060	011 467 0945	chird@slrconsulting.com	
Richard Phillips	Siyanda Chrome Smelting Coy	12th Floor, Nedbank Building 81 Main St Johannesburg	082 938 3712	rphillips@siyandaresources.co.za	RP
Shiba Sebon-e	DEA	Private Bag X447 PRETORIA 0001	012 399 9783	ssebone@environment.gov.za	
Masinga Litoane	DEA	"	012 399 9375	mlitoane@environment.gov.za	
Bathandwa Ncube	DEA	"	012 399 9368	BNcube@environment.gov.za	

APPENDIX 2: PRESENTATION



**ENVIRONMENTAL IMPACT ASSESSMENT
FOR THE PROPOSED SIYANDA
FERROCHROME SMELTER**

DEA PRE-APPLICATION MEETING

24 FEBRUARY 2016

AGENDA

- Introduction to project
- Summary of public participation process to date
- Summary of public participation going forward
- Potential environmental impacts
- Permissions required
- NEMA & NEM:WA application
- General discussion
- Way forward
- Close


SLR

INTRODUCTION TO PROJECT (TECHNICAL OVERVIEW)

- Siyanda Chrome Smelting Company (SCSC) is proposing to construct a new ferrochrome (FeCr) smelter on portion 3 of the farm Grootkuil 409 KQ located approximately 5 km north-west of Northam in the Thabazimbi Local Municipality, Limpopo Province. The proposed project will comprise:
 - two 70 MW DC furnaces
 - railway siding
 - raw materials offloading area
 - crushing and screening plant
 - mineralised waste facility
 - related facilities such as material stockpiles, workshops, stores and various support infrastructure and services including powerlines and pipelines and an access road.

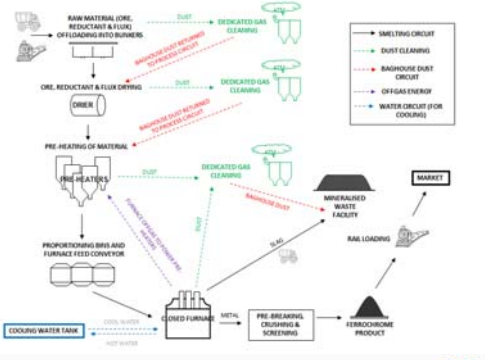
SLR

LOCAL SETTING OF PROPOSED PROJECT



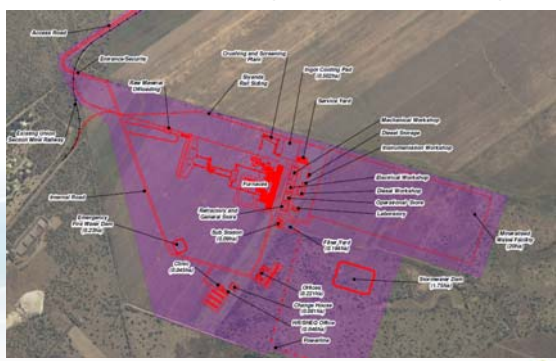
SLR

INTRODUCTION TO PROJECT (TECHNICAL OVERVIEW) CONT.



SLR

INTRODUCTION TO PROJECT (TECHNICAL OVERVIEW) CONT.



SLR

INTRODUCTION TO PROJECT (TECHNICAL OVERVIEW) CONT.

- **Services:**
 - Water: Potable water will be made available from the local municipality, neighbouring mine, and/or from boreholes on or near to the site.
 - Power: Power will be sourced from the Eskom substation at Spitzkop (south east of the farm Grootkuil 409 KQ) via two 132 kV lines which will be run along a single support structure.
 - Waste: General and hazardous non-mineralised waste generated by the proposed project will be collected on site, temporarily stored in designated areas and disposed at off site permitted waste disposal facilities.
 - Mineralised waste (slag and baghouse dust) will be co-disposed of onto a single mineralised waste facility.

global environmental solutions

**INTRODUCTION TO PROJECT (TECHNICAL OVERVIEW) CONT.**

- **Services:**
 - Sewage: Sewage will be temporarily stored on site before being removed and treated at the municipal sewage handling farm.
 - Transport: The transportation of materials to and from site will be by road and rail. Road access to site will be via Dwaalboom Road (which runs between Northam and Swartklip). Within the site boundary, haul roads, conveyors and pipelines will be used.

global environmental solutions

**INTRODUCTION TO PROJECT (TECHNICAL OVERVIEW) CONT.**

- **Staff and housing:**
 - Job opportunities: Approximately 700 construction phase jobs and 280 operational phase jobs.
 - Operating times: At this stage it can be assumed that the smelter will be operational 24 hours a day and 7 days a week.
 - Housing: No workers will be housed on-site.
- **Other facilities:**
 - Material storage and handling areas (raw materials, product stockpiles, fuel, lubricants, process materials, general and hazardous substances)
 - Water management (clean and dirty water dams, clean and dirty storm water controls)
 - Communication and lighting facilities
 - Offices, change houses, ablutions, security facilities.

global environmental solutions

**INTRODUCTION TO PROJECT (TECHNICAL OVERVIEW) CONT.**

- **Timing:**
 - Construction is planned to commence in 1st quarter of 2017, subject to approvals.
- **Alternatives being considered include:**
 - Water supply (Borehole, municipal supply and neighbouring mines).
 - Electricity supply (Powerline routing alternatives have been considered. The preferred routing is deemed to have the lowest environmental footprint, and as far as possible will traverse Siyanda property through existing corridors of disturbance).
 - Processing method (AC vs DC furnace operation was considered. DC furnaces are considered to be preferable both from an efficiency and environmental impact perspective).
 - Surface infrastructure (Project infrastructure will be located close to neighbouring mine and the existing railway line to optimise processing efficiency and limit haulage costs of raw materials and product).
 - Site access (Access road alternatives have been considered. The preferred alternative is deemed to have the lowest environmental footprint and has been included in response to IAP comments.

global environmental solutions

**SUMMARY OF PUBLIC PARTICIPATION PROCESS TO DATE**

- Four public scoping meetings were held between 21 and 23 July 2015. These were held at the community of Mantserre (Community Hall), the community of Kwetsheza (Lekgotla Meeting Area), Northam Town Hall and at the Swartklip town Recreational Club.
- One regulatory authorities meeting (followed by a site visit) was held on 23 July 2015 at the Swartklip Recreation Club.
- A summary of the issues and concerns raised by IAPs and regulatory authorities during the scoping phase will be provided in the scoping report and have been included as terms of reference for investigation as part of the specialist studies being undertaken.

global environmental solutions

**SUMMARY OF PUBLIC PARTICIPATION GOING FORWARD**


- Scoping report to be circulated for IAP and Regulatory Authority Review (30 days)
- Scoping report to be updated to include IAP and Regulatory Authority comments
- Scoping report to be submitted to DEA
- EIA and EMP report to be compiled and circulated for IAP and Regulatory Authority Review (30 days)
- EIA and EMP feedback meetings to be held to assist IAPs with review of the scoping report (if required)
- EIA and EMP report to be updated to include IAP and Regulatory Authority comments
- EIA and EMP report to be submitted to DEA

global environmental solutions



POTENTIAL ENVIRONMENTAL IMPACTS

- Loss and sterilisation of mineral resources
- Hazardous excavations and infrastructure and surface subsidence
- Loss of soil and land capability
- Biodiversity (Loss of Fauna and Flora)
- Surface water (Alteration of drainage patterns and pollution of surface water resources)
- Groundwater (Contamination of groundwater and lowering of groundwater levels)
- Air pollution (Dust and PM emissions)
- Noise pollution
- Visual (Negative visual impacts)
- Road use and traffic (capacity alignment and safety)
- Blasting impacts (limited to construction purposes only)
- Loss of heritage and palaeontological resources
- Change in land use
- Socio-economic (Positive and negative socio-economic impacts)

global environmental solutions 

PERMISSIONS REQUIRED

Permissions required for the proposed project:

- Environmental authorisation (DEA)
- Waste License (DEA)
- Atmospheric Emissions License (DEA)
- Water use licence (DWS)


Authorities

- Regulatory authorities
- Local authorities

global environmental solutions 

NEMA & NEM:WA APPLICATION: DISCUSSION (with reference to DRAFT application)

- Application for activities in LN 1 if higher threshold (LN 2) is triggered.
- Use of proxy samples for preliminary waste assessment suggests that as a composite (slag and baghouse dust combined), a Type 3 Waste will be disposed onto a single mineralised waste facility. Whom from the DEA Waste Directorate can advise on the recommended approach wrt the development of the mineralised waste facility and associated liner requirements
- Category B (4) Activity 4 included in application, in the event that baghouse dust needs to be treated prior to disposal (need for treatment will be determined only once plant becomes operational and a representative sample of baghouse dust can be obtained)
- Category C (5) Activity 2 (for storage of waste) included in application, is this relevant given then the mineralised waste facility will be a final disposal facility.
- Relevance of Section 5 of the NEMA-NEM:WA Application form (landfill)


global environmental solutions 

GENERAL DISCUSSION

global environmental solutions 

WAY FORWARD

- Integrated application to be submitted for DEA consideration ([March 2016](#)):
- Scoping Report submitted for public and authority review ([March 2016](#)):
 - Regulatory authorities and IAPs: 30 days to submit comments on scoping report
- Scoping report (which includes comments raised by IAPs and regulatory authorities) submission to DEA ([April 2016](#))
- Conduct specialist investigations and complete EIA/EMP report in accordance with scoping terms of reference
- EIA submitted for public and authority review ([July 2016](#))
 - Regulatory authorities and IAPs: 30 days to submit comments on EIA/EMP report
- EIA /EMP report (which includes comments raised by IAPs and regulatory authorities) submission to DEA ([August/September 2016](#))

global environmental solutions 

CLOSE

global environmental solutions 