



the denc

Department:
Environment & Nature Conservation
NORTHERN CAPE PROVINCE
REPUBLIC OF SOUTH AFRICA

Private Bag X6102, Kimberley, 8300, Metlife Towers, T-Floor, Tel: 053 807 7300, Fax: 053 807 7328

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

	(For official use only)
File Reference Number:	
NEAS Reference Number:	
Date Received:	
Receipt Number:	

Application for authorisation in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998), (the Act) and the Environmental Impact Assessment Regulations, 2014 (the Regulations)

PROJECT TITLE

Application for an Environmental Authorisation and Waste Management Licence for the proposed construction and operation of a clay brick making facility at the Roodepan Quarry in the Sol Plaatje Local Municipality

Kindly note that:

1. This application form is current as of 07 April 2017 as amended. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.
2. The application must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. The application must be completed in terms of Regulation 16 of GN R.326
5. The use of the phrase "not applicable" in the form must be done with circumspection. Should it be done in respect of material information required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the Regulations.
6. This application must be handed in at the offices of the relevant competent authority as determined by the Act and Regulations.
7. No faxed or e-mailed applications will be accepted. Only original signed copies will be accepted.
8. Unless protected by law, all information filled in on this application form will become public information on receipt by the competent authority. Any interested and affected party should and shall be provided with the information contained in this application on request, during any stage of the application process.

9. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report and declaration of interest of the specialist must also be submitted.
10. Proof of payment must accompany this application. The application will not be processed without proof of payment unless one of the exclusions provided for the Fee Regulations (Fees for consideration and processing of applications for environmental authorisations and amendments thereto Government Notice.141, published on 28 February 2014 is applicable and such information in section 1 of this application form has been confirmed by this Department.

Queries must be addressed to the contact hereunder:

Departmental Details

Postal address:

Department of Environment and Nature Conservation
Attention: Directorate: Environmental Quality Management
Private Bag X6102
KIMBERLEY
8300

Physical address:

Department of Environment and Nature Conservation
90 Long Street, Sasko Building
KIMBERLEY
8300

Queries should be directed to the Sub - Directorate: Impact Management:

Tel: (053) 807-7430
Fax: (053) 831-3530

View the Department's website at <http://denc.ncape.gov.za/> for the latest version of the documents.

1. PROOF OF PAYMENT

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof and a motivation for exclusions must be attached to this application form in **Appendix 1**.

Proof of payment attached as **Appendix 1**

Exclusion applies

An applicant is excluded from paying fees if:

The activity is a community based project funded by a government grant; or
The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application
The activity is a community based project funded by a government grant	
The applicant is an organ of state	

FEE AMOUNT	Fee
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000 X

Department of Environment & Nature Conservation' details for the payment of application fees:

Payment Enquiries:	
Ms. T Leburu	
Tel.: (053) 807 7464/2	
Email: tmakaudi@ncpg.gov.za	
Cc: gletimela@ncpg.gov.za	
<u>BANKING DETAILS:</u>	
ACCOUNT NAME	: NORTHERN CAPE PROVINCIAL PAYMASTER GENERAL ENVIRONMENT & NATURE CONSERVATION
BANK	: STANDARD BANK SOUTH AFRICA
ACCOUNT NUMBER	: 240013751
BRANCH CODE	: 050002
REFERENCE TO BE USED BY APPLICANT	: EIA/25/19

2. PROJECT DESCRIPTION

Please provide a **detailed** description of the project.

Kimberley Rehabilitation and Development (KRD) wishes to develop various infrastructure, mining (mining permit application) and industrial developments to change the face of Kimberley City located in Sol Plaatje Local Municipality, Northern Cape Province.

The project will contribute to the city and the province in terms of infrastructure and socio-economic development. KRD has conducted extensive calculations, investigations and consultations in the compilation of the project plan and its various components and its integration into a single integrated business model. The information and calculations all indicate the feasibility of the project if implemented as an integrated model. This project cannot succeed if the various individual activities do not contribute to the execution of the project plan.

The proposed project will entail removal of mining debris from three sites (BMW, St. Augustine and Colville) to the Roodepan Quarry, which is vacant and has been unattended for the last ± 80 years.

The debris will be reworked to extract the clay content, which will be used for the manufacturing of clay bricks at the Roodepan Quarry. These clay bricks together with the cement bricks manufactured at the Vooruitzigt Quarry will be used for the development of the three development sites (BMW, St. Augustine and Colville). The unused material will be used to fill the quarry in accordance with an approved Environmental Management Programme (EMPr).

Error! Reference source not found. summarizes the scope of the project entitled “Changing the Face of a City” which KRD is packaging for implementation:

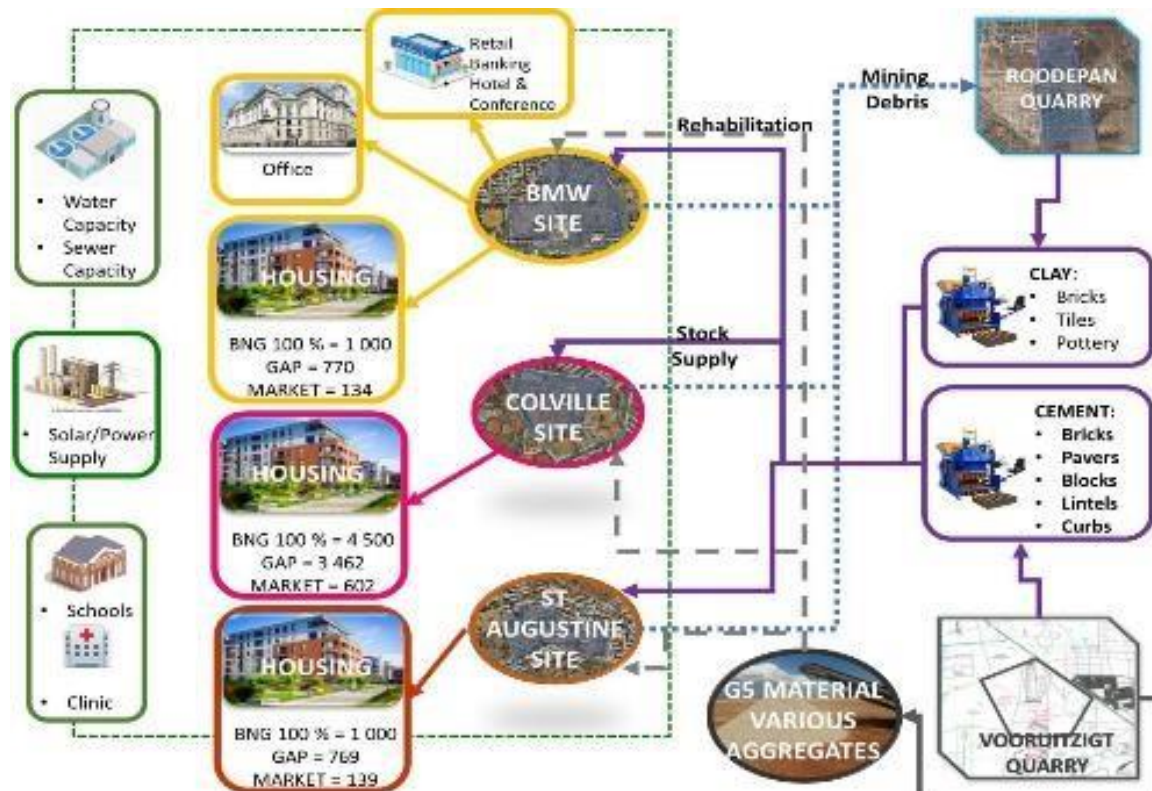


Figure 1: Changing the face of the City Project Summary

Error! Reference source not found. provides an indicative development rationale amounting to approximately 12 369 housing opportunities.

Table 1: Summary of proposed development

Development Rationale							Land Use Application							
Site	Area (ha)	Site Name	Building Footprint (%)	Coverage (000m ²)	Height (Storeys)	Bulk (000m ²)	Commercial (000m ²)	Housing Configuration						
								Type	BNG100%		GAP Housing		Market	
								Size (m ²)	60	60	65	85	95	
								Basket (%)	50	20	20	5	5	100%
1	20	BMW (A)	20	40	3	120			1000	400	369	71	63	1908
1	20	BMW (B)	20	40	2	80	80		0	0	0	0	0	0
2	45	Colville	40	180	3	540			4500	1800	1662	318	284	8563
3	10	St Augustine	40	40	3	120			1000	400	369	71	68	1903
TOTAL							80		6500	500	2480	409	411	12289

The Vooruitzigt Quarry, which is subject to this BAR, has been earmarked for the manufacturing of cement bricks and other material required for construction of the housing and mixed-use developments at the BMW, St Augustine and Colville Sites. The project activities that will be undertaken at the Vooruitzigt Quarry will include:

- Manufacturing area which will include:
 - Ready mix plant
 - Manufacturing of:
 - Cement bricks
 - Pavers
 - Lintels
 - Curbs
- Manufacturing facilities for:

- Various construction materials for building projects
- Various consumer products for local market
- Waste management and recycling plant; and
- Renovation of the old housing and infrastructure ruins on site for office and business operations as per agreement with Land owner.

Infrastructure

It is expected that municipal infrastructure will not be able to meet additional demand for services and the project will therefore include upgrading of services. Infrastructure construction will consist of:

- Bulk Earthworks;
- Streets and stormwater including shallow stormwater attenuation ponds;
- Water and sanitation reticulation;
- Electrical reticulation and street lighting; and
- Bulk services connections to each site: water, sewer, electrical.

Electrical feed will be via overhead or underground electrical cables and the electrical source will be from existing Kimberley Municipal substations. Alternative energy sources such as renewable sources will also form part of the development.

Water will be delivered to each site via a new bulk supply pipeline from the existing 'New Park' reservoir complex.

Employment

KRD will make use of contactors who will recruit local people where possible to assist in the project.

The proposed project activities at the Vooruitzicht Quarry trigger activities listed in GNR 327 (Listing Notice 1) of the National Environmental Management Act, 1998 (Act 107 of 1998) (NEMA) and Category A GNR921 of the National Environmental management: Waste Act, 2008 (Act 59 of 2008) and will require an Environmental Authorisation (EA) and Waste Management Licence (WML) from the Northern Cape Department of Environment and Nature Conservation (DENC).

Ndi Geological Consulting Services (Pty) Ltd was appointed by KRD as the Independent Environmental Assessment Practitioner (EAP) to undertake the application for an EA and WML to be submitted to the DENC, the Competent Authority (CA).

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?		NO X
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If YES, please indicate which SIPs are applicable in **Appendix 1**.

Please indicate which sector the project falls under by crossing out the relevant block in the table below:

Table 1

Green economy + "Green" and energy-saving industries		Greenfield transformation to urban or industrial form (including mining)	
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Infrastructure – electricity (generation, transmission & distribution)	X	Biodiversity or sensitive area related activities	
Oil and gas		Mining value chain	X
Biofuels		Potential of metal fabrication capital & transport equipment – arising from large public investments	
Nuclear		Boat building	
Basic services (local government) – electricity and electrification		Manufacturing – automotive products and components, and medium and heavy commercial vehicles	
Basic services (local government) – area lighting		Manufacturing – plastics, pharmaceuticals and chemicals	
Infrastructure – transport (ports, rail and road)		Manufacturing – clothing textiles, footwear and leather	
Basic services (local government access roads)		Forestry, paper, pulp and furniture	
Basic services (local government) – public transport		Business process servicing	
Infrastructure – water (bulk and reticulation)	X	Advanced materials	
Basic services (local government) – sanitation	X	Aerospace	
Basic services (local government) – waste management		Basic services (local government) - education	
Basic services (local government) water		Basic services (local government) - health	
Agricultural value chain + agro-processing (linked to food security and food pricing imperatives)		Basic services (local government) - housing	X
Infrastructure – information and communication technology		Basic services (local government) security of tenure	
Tourism + strengthening linkages between cultural industries and tourism		Other	
Basic services (local government) – public open spaces and recreational facilities			

Provide details on the anticipated socio-economic values associated with the proposed project

Table 2

Anticipated CAPEX value of the project on completion	R 6 Billion
What is the expected annual income to be generated by or as a result of the project?	Approximately R4.8 Billion
New skilled employment opportunities created in the construction phase of the project	Approximately 11 680 (skilled and semi-skilled)
New skilled employment opportunities created in the operational phase of the project	Approximately 10 870 (skilled and semi-skilled)

New un-skilled employment opportunities created in the construction phase of the project	Approximately 5 725 low-skilled
New un-skilled employment opportunities created in the operational phase of the project	Approximately 4 996 low-skilled
What is the expected value of the employment opportunities during the operational and construction phase?	R4.5 Billion
What percentage of this value that will accrue to previously disadvantaged individuals?	Approximately 90%
What percentage of this value that will accrue to previously disadvantaged individuals?	Approximately 90%
The expected current value of the employment opportunities during the first 10 years	R666 million
What percentage of this value that will accrue to previously disadvantaged individuals?	Approximately 90%

Table 3

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g. a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity.		NO X
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:		
N/A		

3. GENERAL INFORMATION

Project applicant:	Kimberley Rehabilitation and Development (KRD)	
Registration no (if any):	2017/080438/07	
Trading name (if any):	Kimberley Rehabilitation and Development (KRD)	
Responsible position, e.g. Director, CEO, etc.:	Director	
Contact person:	Deon Kotze	
Physical address:	30 Jan van Zyl St, Monument Heights, Kimberley	
Postal address:	30 Jan van Zyl St, Monument Heights, Kimberley	
Postal code:	8301	Cell: 0793559065
Telephone:	0793559065	Fax:
E-mail:	deon@kimrd.com	

Provincial Authority:	Northern Cape Department of Environment and Nature Conservation (DENC)	
Contact person:	Gail Letimela	
Postal address:	Private Bag x 6102, Kimberley, 8300	
Postal code:	8300	Cell:
Telephone:	054 338 4800	Fax: 053 831-3530
E-mail:	GLetimela@ncpg.gov.za	

Local municipality	Sol Plaatje Local Municipality		
Contact person:	Mlungisi Mabija		
Postal address:	Private Bag X5030, Kimberley		
Postal code:	8300	Cell:	
Telephone:	053 830 6100	Fax:	053 833 1005
E-mail:	mmabija@solplaatje.org.za		

In instances where there is more than one local authority involved, please attach a list of those local authorities with their contact details as **Appendix 2**.

Landowner:	Sol Plaatje Local Municipality		
Contact person:	Mlungisi Mabija		
Postal address:	Private Bag X5030, Kimberley		
Postal code:	8300	Cell:	
Telephone:	053 830 6100	Fax:	053 833 1005
E-mail:	mmabija@solplaatje.org.za		

In instances where there is more than one landowner, please attach a list of those landowners with their contact details as **Appendix 3**. If the applicant is not the owner or person in control of the land, proof of notice to the landowner or person in control of the land on which the activity is to be undertaken must be submitted in **Appendix 3**.

Identified Competent Authority to consider the application:	Northern Cape Department of Environment and Nature Conservation (DENC)
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Reason(s) in terms of
Sec 24C of NEMA 1998
as amended

Section 24C (2) of the NEMA provides a description of the requirements for the Minister to be identified as the competent authority. The requirements are as follows:

Procedure for identifying competent authority

(2) The Minister must be identified as the competent authority in terms of subsection (1) if the activity-

(a) has implications for international environmental commitments or relations;

(b) will take place within an area protected by means of an international environmental instrument, other than-

(i) any area falling within the sea-shore or within 150 meters seawards from the high-water mark, whichever is the greater;

(ii) a conservancy;

(iii) a protected natural environment;

(iv) a proclaimed private nature reserve;

(v) a natural heritage site;

(vi) the buffer zone or transitional area of a biosphere reserve; or

(vii) the buffer zone or transitional area of a world heritage site;

(c) has a development footprint that falls within the boundaries of more than one province or traverses international boundaries;

(d) is undertaken, or is to be undertaken, by (i) a national department;

(ii) a provincial department responsible for environmental affairs or any other organ of state performing a regulatory function and reporting to the MEC; or

(iii) a statutory body, excluding any municipality, performing an exclusive competence of the national sphere of government; or

(e) will take place within a national proclaimed protected area or other conservation area under control of a national authority.

The project and project location do not meet the requirements for the application to be submitted to the Minister and will therefore be submitted to the MEC represented by the DENC.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:
Professional
affiliation/registration:
Contact person (if different
from EAP):

Ndi Geological Consultants (Pty) Ltd
EAPASA Reg Number 2020/1554
Ndivhudzannyi Mofokeng

Company:	Ndi Geological Consultants (Pty) Ltd		
Physical address:	38 Ophelia Street, Herlear, 8301		
Postal address:	P.O Box 10489, Beaconsfield		
Postal code:	8315	Cell:	082 760 8420
Telephone:	053 842 0687	Fax:	086 538 1069
E-mail:	atshidzaho@gmail.com/ ndi@ndigeoservices.co.za		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 12 of GN R.326, dated April 2017 as amended, prior to the commencement of the process.

The declaration of independence and the Curriculum Vitae (indicating the experience with environmental impact assessment and the relevant application processes) of the EAP must also be submitted to the Department.

5. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Province	Northern Cape					
District Municipality	Francis Baard District Municipality					
Local Municipality	Sol Plaatje Municipality Local Municipality					
Ward number(s)	Ward 30901031					
Nearest town(s)	Galeshewe					
Farm name(s) and number(s)	Vooruitzigt 81					
Portion number(s)	A portion of the Remaining Extent of Portion 1					
Coordinates of corner points of study area (if there are more than 7 co-ordinates, please attach a list as Appendix 4) For linear developments a list of turning points must be attached	Latitude (S) (DDMMSS)			Longitude (E) (DDMMSS)		
	28	40	16.25088	24	44	2.18004
	28	40	15.53484	24	44	8.61864
	28	40	33.56256	24	44	22.4862
	28	40	36.64848	24	44	7.94796

SG 21 Digit Code(s)

(If there are more than 4, please attach a list with the rest of the codes as **Appendix 4**)

C	0	3	7	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0
1	2		3			4					5									

Please attach a copy of the title deed(s) and SG diagram(s) to the application as **Appendix 5**.

Please attach a copies of environmental authorisations obtained on the same property as **Appendix 6**.

Are there any other applications for Environmental Authorisation on the same property?	NO X
If YES, please indicate the following:	
Competent Authority	
Reference Number	
Project Name	
Please provide details of the steps taken to ascertain this information: The EAP has been responsible for application for all authorisations related to the project and therefore has the knowledge of the applications that have been submitted to date.	

6. ACTIVITIES TO BE AUTHORISED

For an application for authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be indicated.

Detailed description of listed activities associated with the project	
Listed activity as described in GN R.327 and 324.	Description of project activity that triggers listed activity
Listing Notice 1 (GNR 327): Activity 27: <i>The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for</i>	Construction of the proposed facility will require clearance of indigenous vegetation covering more than 1 ha and less than 20ha.
Listing Notice 2 (GNR 325) Activity 6: <i>The clearance of an area of 1 hectare or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for—</i>	The brickmaking facility at Roodepan requires an Air Emissions Licence.
Listing Notice 2 (GNR 325) Activity 28: <i>[Commencing of an activity, which requires an atmospheric emission license in terms of Section 21 of the National Environmental Management: Air Quality Act, 2004 (Act No. 39 of 2004),</i>	The brickmaking facility at Roodepan requires an Air Emissions Licence.
Listing Notice 3 (GNR 324) Activity 12: <i>The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</i>	According to the Northern Cape Provincial Biodiversity Conservation Plan, the Roodepan site is classified as a Critical Biodiversity Area 2 (CBA2).
GNR 921 Activity XX:	The project will include the disposal of waste brick and other left over material from the brick making facility into the Roodepan Quarry.

Please note that any authorisation that may result from this application will only cover activities specifically applied for. Co-ordinate points indicating the location of each listed activity must be provided with the relevant report (i.e. either BAR or EIR).

Please provide a project map indicating any sensitive areas (e.g. critical biodiversity area, World Heritage Site, etc.) overlaid by the study area in **Appendix 7**.

A project schedule, indicating the different phases and timelines of the project, must be attached as **Appendix 8**.

7. PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41(2) of GN R. 326, dated April 2017.

The stakeholder engagement process forms an important part of the EIA and is primarily aimed at affording I&AP's the opportunity to gain an understanding of the proposed project. In addition, the purpose of consultation with the landowners, key stakeholders, and I&APs is to provide them with the necessary information about the proposed project so that they can make informed decisions as to whether the project will affect them, and provide the EIA team with local knowledge of the area and raise concerns relating to the biophysical, socio-economic and cultural impacts that may arise.

The stakeholder engagement process will be conducted in terms of NEMA, which provides clear guidelines for stakeholder engagement during an EIA as summarised in Table 4.

Table 4: NEMA Stakeholder Guidelines

NEMA Section	Applicability to Stakeholder Engagement
Chapter 1	Outlines the principles of environmental management, several pertaining to public consultation (e.g. Chapter 1, subsections (2), (3), (4) (f), (g), (h), (k), (q) and (r).
Chapter 6	Regulations 39 – 44 of the amended EIA Regulations GNR 326, promulgated on 8 December 2014 and amended on 7 April 2017, specify the minimum requirements for stakeholder engagement in an EIA process conducted under the NEMA.
Section 24J of the NEMA	In 2017, the Minister of Environmental Affairs published, Section 24J of the NEMA in terms of, Public Participation Guidelines which guide the Public Participation Process in order to give effect to Section (2)(4)(f), (o) and 24 (1A)(C) of the NEMA.

The stakeholder engagement process will be conducted in such a way that it will meet the requirements of Chapter 6 of the NEMA and will take cognisance of the requirements of Annexure 3 of the Department of Environment, Forestry and Fisheries (DEFF) Disaster Management Directions of 5 June 2020.

Stakeholder engagement commenced with the applicant holding several meetings with different departments that will be involved in the proposed project. The following meetings were held with the different parties:

- Joint meeting with Sol Plaatje Local Municipality and Northern Cape Province representatives;

- The council on 22 July 2020; and
- The Development Bank of South Africa (DBSA).

Ndi Geological (EAP) also made use of various methods to inform stakeholder of the proposed development and KRD's intention to undertake the required and environmental processes and EA application. Stakeholders were provided with the opportunity to participate and register as I&AP's during the announcement phase of the project as follows:

- Project Announcement: Affected and adjacent landowners were notified of the project and application as follows:
 - Newspaper advertisements were published in the Noordkaap on 26 August 2020 and the Diamond Fields Advertiser on 28 August 2020;
 - On-site notices were erected around the project area on the 27th of August 2020; and
 - Radio announcements informing the public of the proposed project and inviting I&APs to register on the stakeholder database were made as follows:

On Radio Taeemaneng :	Slot 1: 07:15-07:45 am
	Slot 2: 15:00-15:30 pm
On Revival FM:	Slot 1: 8:20-08:45 am
	Slot 2: 14:55-15:20 pm
- Identification of stakeholders: Affected and adjacent property owners were identified using Surveyor General Information on windeed (<https://search.windeed.co.za/DeedsOffice/Property/>) and was also based on responses received from the project announcement process.
- Creation and maintenance of the stakeholder database, including correspondence with the stakeholders: The information, including contact details was collated into a stakeholder database.

The Draft Scoping Report will be made available for a 30-day commenting period. All issues, comments and suggestions received from stakeholders will be reviewed and collated into a Comments and Responses Report (CRR). Where necessary, comments from stakeholders will also be incorporated into the Final Scoping Report that will be submitted to the DENC for decision-making. Depending on the responses received during the registration period and should it be required, a public meeting may be held during the Scoping Phase of the project pending COVID-19 restrictions.

Once the DENC has accepted the Final Scoping Report, the EAP will compile the EIAR and EMPr, which will also be made available to the stakeholders for a 30-day review and comment period. Comments received will be incorporated into the Final EIAR and EMPr which will be submitted to the DENC for final decision making. The comments will also be collated into the CRR, which will form an Appendix to the EIAR.

The stakeholders will be notified of DENC's final decision on the project once it has been communicated to the EAP and applicant (KRD).

Should any of the aspect(s) of the Public Participation process be considered unfeasible or unreasonable for this application, please complete Section 9 below.

8. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
SEMA's				
National Environmental Management: Air Quality Act The clay brick making process will require an Air Emissions Licence from the District Municipality. An application will be submitted to the District Municipality.	YES X			NO X
National Environmental Management: Biodiversity Act		NO X		NO X
National Environmental Management: Integrated Coastal Management Act		NO X		NO X
National Environmental Management: Protected Areas Act		NO X		NO X
National Environmental Management: Waste Act	YES X			NO X
National legislation				
Mineral Petroleum Development Resources Act		NO X		NO X
National Water Act The NFEPA, the Department of Water and Sanitation (DWS) data and findings from the wetland assessment indicates that there are artificial wetlands located within 500m of the proposed project site. The artificial wetland identified on the eastern section of the Roodepan site primarily exist due to the leaking of a water supply pipeline that leads to the wetness regime in soils needed for wetland formation. This artificial hydraulic regime caused by the leaking pipe will remain until the infrastructure is repaired to allow the areas to rehabilitate. Due to the rich abundance of natural water sources in the primary catchment (in the form of natural pans, wetlands, rivers and streams) contributing largely to ecosystem functioning, the ecological significance of these artificial systems is minimal. The specialist recommended that the area should be drained, backfilled and levelled according to rehabilitation specifications. The need for a Section 21 (c) and (i) Water Use Authorisation (WUA) should be discussed and confirmed with the DWS. During the pre-application consultation with the DWS the department advised that a Section 21 (g) WUA may also be required for the use of leftover material for backfilling and rehabilitation of the quarry that could have impact on groundwater resources. This will require hydrogeological assessment, including geochemical assessment of the material to be used for backfilling. The Geochemical assessment will provide information on the chemical composition of the material and potential from chemicals to leach from the backfilling material into the groundwater.	YES X			NO X
National Heritage Resources Act		NO X		NO X

Others: Please specify		NO X		NO X
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9. LIST OF APPENDICES

		SUBMITTED	
Appendix 1	Strategic Infrastructure Projects		N/A X
Appendix 2	List of Local Municipalities (with contact details)		N/A X
Appendix 3	List of landowners (with contact details) and proof of notification of landowners.	YES X	
Appendix 4	List of co-ordinates and/or SGIDs	YES X	
Appendix 5	Title deed(s) and SG diagram(s)	YES X	
Appendix 6	Copies of Environmental Authorisations obtained for the same property		N/A X
Appendix 7	Map indicating triggered areas for GN R.985	YES X	
Appendix 8	Project schedule	YES X	
Appendix 9	Declaration of Applicant	YES X	
Appendix 10	Declaration of EAP	YES X	

**APPENDIX 1
STRATEGIC INFRASTRUCTURE PROJECTS**

<p>SIP 1: Unlocking the northern mineral belt with Waterberg as the catalyst</p> <ul style="list-style-type: none"> • Unlock mineral resources • Rail, water pipelines, energy generation and transmission infrastructure • Thousands of direct jobs across the areas unlocked • Urban development in Waterberg - first major post-apartheid new urban centre will be a “green” development project • Rail capacity to Mpumalanga and Richards Bay • Shift from road to rail in Mpumalanga • Logistics corridor to connect Mpumalanga and Gauteng. 	
<p>SIP 2: Durban-Free State-Gauteng logistics and industrial corridor</p> <ul style="list-style-type: none"> • Strengthen the logistics and transport corridor between SA’s main industrial hubs • Improve access to Durban’s export and import facilities • Integrate Free State Industrial Strategy activities into the corridor • New port in Durban • Aerotropolis around OR Tambo International Airport. 	
<p>SIP 3: South-Eastern node & corridor development</p> <ul style="list-style-type: none"> • New dam at Mzimvubu with irrigation systems • N2-Wild Coast Highway which improves access into KwaZulu-Natal and national supply chains • Strengthen economic development in Port Elizabeth through a manganese rail capacity from Northern Cape • A manganese sinter (Northern Cape) and smelter (Eastern Cape) • Possible Mthombo refinery (Coega) and transshipment hub at Ngqura and port and rail upgrades to improve industrial capacity and performance of the automotive sector. 	
<p>SIP 4: Unlocking the economic opportunities in North West Province</p> <ul style="list-style-type: none"> • Acceleration of investments in road, rail, bulk water, water treatment and transmission infrastructure • Enabling reliable supply and basic service delivery • Facilitate development of mining, agricultural activities and tourism opportunities • Open up beneficiation opportunities in North West Province. 	
<p>SIP 5: Saldanha-Northern Cape development corridor</p> <ul style="list-style-type: none"> • Integrated rail and port expansion • Back-of-port industrial capacity (including an IDZ) • Strengthening maritime support capacity for oil and gas along African West Coast • Expansion of iron ore mining production and beneficiation. 	
<p>SIP 6: Integrated municipal infrastructure project</p> <p>Develop national capacity to assist the 23 least resourced districts (19 million people) to address all the maintenance backlogs and upgrades required in water, electricity and sanitation bulk infrastructure. The road maintenance programme will enhance service delivery capacity thereby impacting positively on the population.</p>	
<p>SIP 7: Integrated urban space and public transport programme</p> <p>Coordinate planning and implementation of public transport, human settlement, economic and social infrastructure and location decisions into sustainable urban settlements connected by densified transport corridors. This will focus on the 12 largest urban centres of the country, including all the metros in South Africa. Significant work is underway on urban transport integration.</p>	
<p>SIP 8: Green energy in support of the South African economy</p>	

<p>Support sustainable green energy initiatives on a national scale through a diverse range of clean energy options as envisaged in the Integrated Resource Plan (IRP2010) and support bio-fuel production facilities.</p> <p>Indicate capacity in MW:</p>
<p>SIP 9: Electricity generation to support socioeconomic development Accelerate the construction of new electricity generation capacity in accordance with the IRP2010 to meet the needs of the economy and address historical imbalances. Monitor implementation of major projects such as new power stations: Medupi, Kusile and Ingula.</p> <p>Indicate capacity in MW:</p>
<p>SIP 10: Electricity transmission and distribution for all Expand the transmission and distribution network to address historical imbalances, provide access to electricity for all and support economic development. Align the 10-year transmission plan, the services backlog, the national broadband roll-out and the freight rail line development to leverage off regulatory approvals, supply chain and project development capacity.</p>
<p>SIP 11: Agri-logistics and rural infrastructure Improve investment in agricultural and rural infrastructure that supports expansion of production and employment, small-scale farming and rural development, including facilities for storage (silos, fresh-produce facilities, packing houses); transport links to main networks (rural roads, branch train-line, ports), fencing of farms, irrigation schemes to poor areas, improved R&D on rural issues (including expansion of agricultural colleges), processing facilities (abattoirs, dairy infrastructure), aquaculture incubation schemes and rural tourism infrastructure.</p>
<p>SIP 12: Revitalisation of public hospitals and other health facilities Build and refurbish hospitals, other public health facilities and revamp 122 nursing colleges. Extensive capital expenditure to prepare the public healthcare system to meet the requirements of the National Health Insurance (NHI) system. The SIP contains major builds for 6 hospitals</p>
<p>SIP 13: National school build programme A national school build programme driven by uniformity in planning, procurement, contract management and provision of basic services. Replace inappropriate school structures and address basic service backlog and provision of basic services under the Accelerated School Infrastructure Delivery Initiative (ASIDI). In addition, address national backlogs in classrooms, libraries, computer labs and admin buildings. Improving the learning environment will strengthen outcomes especially in rural schools, as well as reduce overcrowding</p>
<p>SIP 14: Higher education infrastructure Infrastructure development for higher education, focusing on lecture rooms, student accommodation, libraries and laboratories, as well as ICT connectivity. Development of university towns with a combination of facilities from residence, retail to recreation and transport. Potential to ensure shared infrastructure such as libraries by universities, FETs and other educational institutions. Two new universities will be built - in Northern Cape and Mpumalanga.</p>
<p>SIP 15: Expanding access to communication technology Provide for broadband coverage to all households by 2020 by establishing core Points of Presence (POPs) in district municipalities, extend new Infracore fibre networks across provinces linking districts, establish POPs and fibre connectivity at local level, and further penetrate the network into deep rural areas. While the private sector will invest in ICT infrastructure for urban and corporate networks, government will co-invest for township and rural access, as well as for e-government, school and health connectivity.</p>

<p>The school roll-out focus is initially on the 125 Dinaledi (science and maths-focussed) schools and 1525 district schools. Part of digital access to all South Africans includes TV migration nationally from analogue to digital broadcasting.</p>	
<p>SIP 16: SKA &Meerkat SKA is a global mega-science project, building an advanced radio-telescope facility linked to research infrastructure and high-speed ICT capacity and provides an opportunity for Africa and South Africa to contribute towards global advanced science projects.</p>	
<p>SIP 17: Regional integration for African cooperation and development Participate in mutually beneficial infrastructure projects to unlock long-term socio-economic benefits by partnering with fast growing African economies with projected growth ranging between 3% and 10%. The projects involving transport, water and energy also provide competitively-priced, diversified, short and medium to long-term options for the South African economy where, for example, electricity transmission in Mozambique (Cesul) could assist in providing cheap, clean power in the short-term whilst Grand Inga in the DRC is long-term. All these projects complement the Free Trade Area (FTA) discussions to create a market of 600 million people in South, Central and East Africa.</p>	
<p>SIP 18: Water and sanitation infrastructure A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation. The project will involve provision of sustainable supply of water to meet social needs and support economic growth. Projects will provide for new infrastructure, rehabilitation and upgrading of existing infrastructure, as well as improve management of water infrastructure.</p>	

**APPENDIX 2 (IF APPLICABLE)
LIST OF LOCAL MUNICIPALITIES**

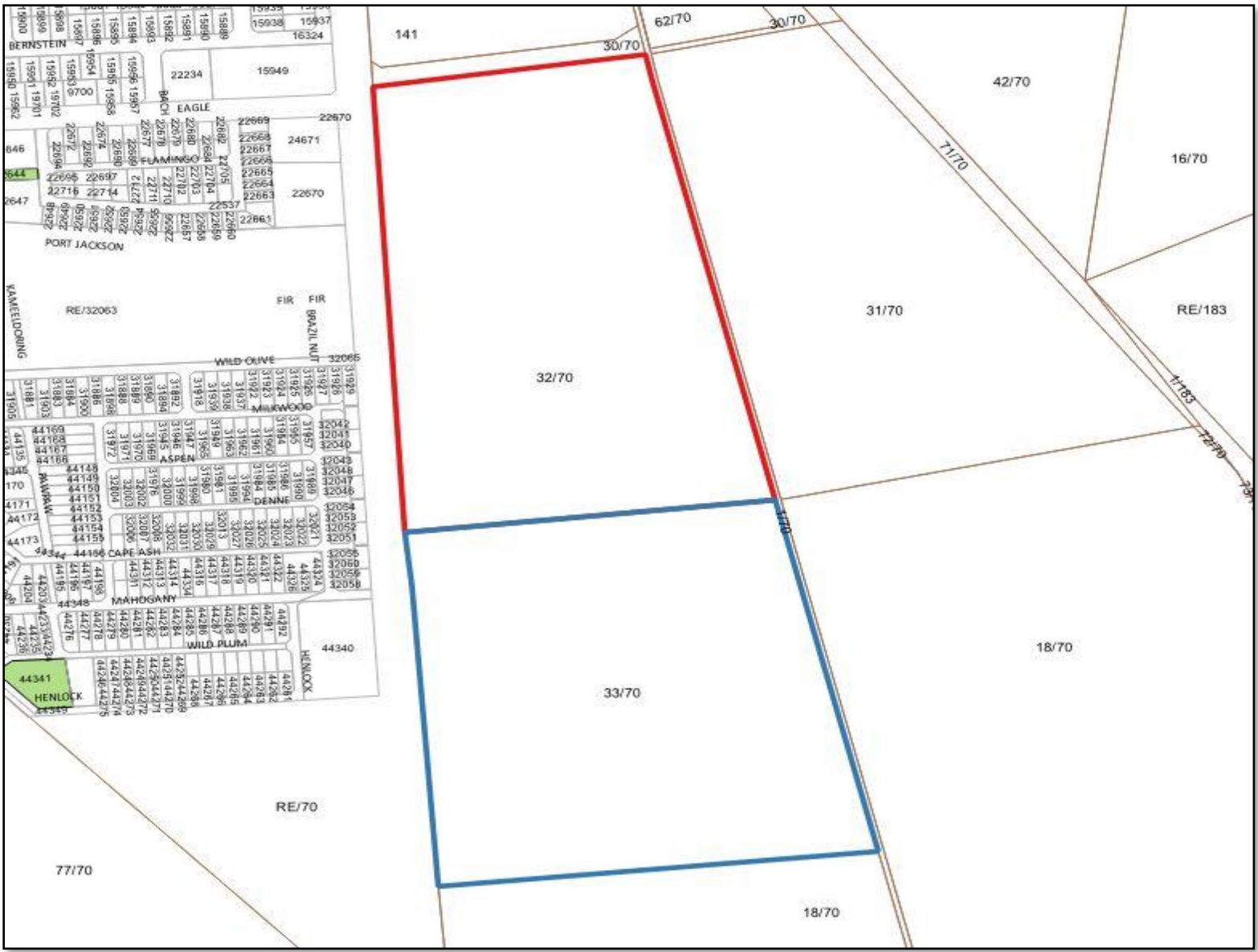
N/A, The Project is located in one Local Municipality (Sol Plaatje).

**APPENDIX 3
LIST OF LANDOWNERS
PROOF OF NOTIFICATION OF LANDOWNERS**

**APPENDIX 4 (IF APPLICABLE)
LIST OF CO-ORDINATES AND/OR SGIDS**

Not applicable.

APPENDIX 5
TITLE DEED(S) AND SG DIAGRAM(S)



D. BUSINESS

4. Kimberley Rehabilitation and Development (Changing the Face of the City)

Prepared by: SG Mkhize-Acting ED: Infrastructure and Services

Purpose

To obtain council approval of the proposal for Kimberley Rehabilitation and Development initiative, to change the face of the city.

Background

Sol Plaatje Municipality, particularly Kimberley has valuable land locked under the old mine dumps. Not only these dumps are a hindrance to land use, but they cause an unpleasant authenticity to the city, that it is forgotten mining town. To this effect, Kimberley Rehabilitation and Development (KRD) has submitted a proposal to recycle and implement beneficiation projects from the dumps. Several engagement with Sol Plaatje Municipality and Provincial economic cluster have taken place.

Project Scope

The project scope consists of the following key deliverables:

- Recycling and rehabilitation of non-heritage old mine dumps in the city.
- Manufacturing of bricks from mine dumps material.
- Unlocking land trapped under dumps and other land parcels for human settlement.
- Construction of houses at a very low cost, upon approval by CoGHSTA.
- Creation of jobs, especially for youth and women.

The whole project will translate to a projected R6 billion investment by KRD. The municipality will be expected to made land available for development, and support the initiative.

Annexure

Presentation (made by KRD)

ANNEXURE

p. 1 - 10

Personnel Implications

None.

Financial Implications

KRD will provide funding for this initiative. Houses built through the project will be guided and administered by provincial Human Settlement division of CoGHSTA, and be handed over to beneficiaries identified by the municipality, or be sold to individuals.

Recommendations

It is thus recommended,

:

D. BUSINESS

That council note the initiative to "Change the Face of the City"
That Council approves the implementation of the initiative, to rehabilitate and develop Kimberley, and manufacturing of bricks from the mine dumps.
That council approves housing development initiative by KRD.

Inter-sectoral Consultation

SEDP and LED

Legal Authority

None

Consultation

Consultation in regard to this item was done with the ED: Strategy, Economic Development and Planning.

ED: Infrastructure and Services

Internal Legal unit.

Contact Person

Acting Municipal Manager

Tel: X6401

FOR INFORMATION

C134/07/20 **RESOLVED:**

1. That the Municipality accepts the proposal from KRD to enter into a PPPA.
2. That the Municipality appoints the Municipal Manager / Executive Director Technical Services as Project Officer for this project.
3. That the Municipality makes the following land available to KRD subject to the conclusion of a PPPA with the Municipality:
 - For rehabilitation and development:
 - Site 1: The BMW site (Erf 5337 Kimberley)
 - Site 2: Colville site
 - Site 3: The Saint Augustine site (Erf 8622 Kimberley)
 - Portion 32 and 33 of the Farm Roodepan No. 70, Kimberley, for landfill and brick making.

D. BUSINESS

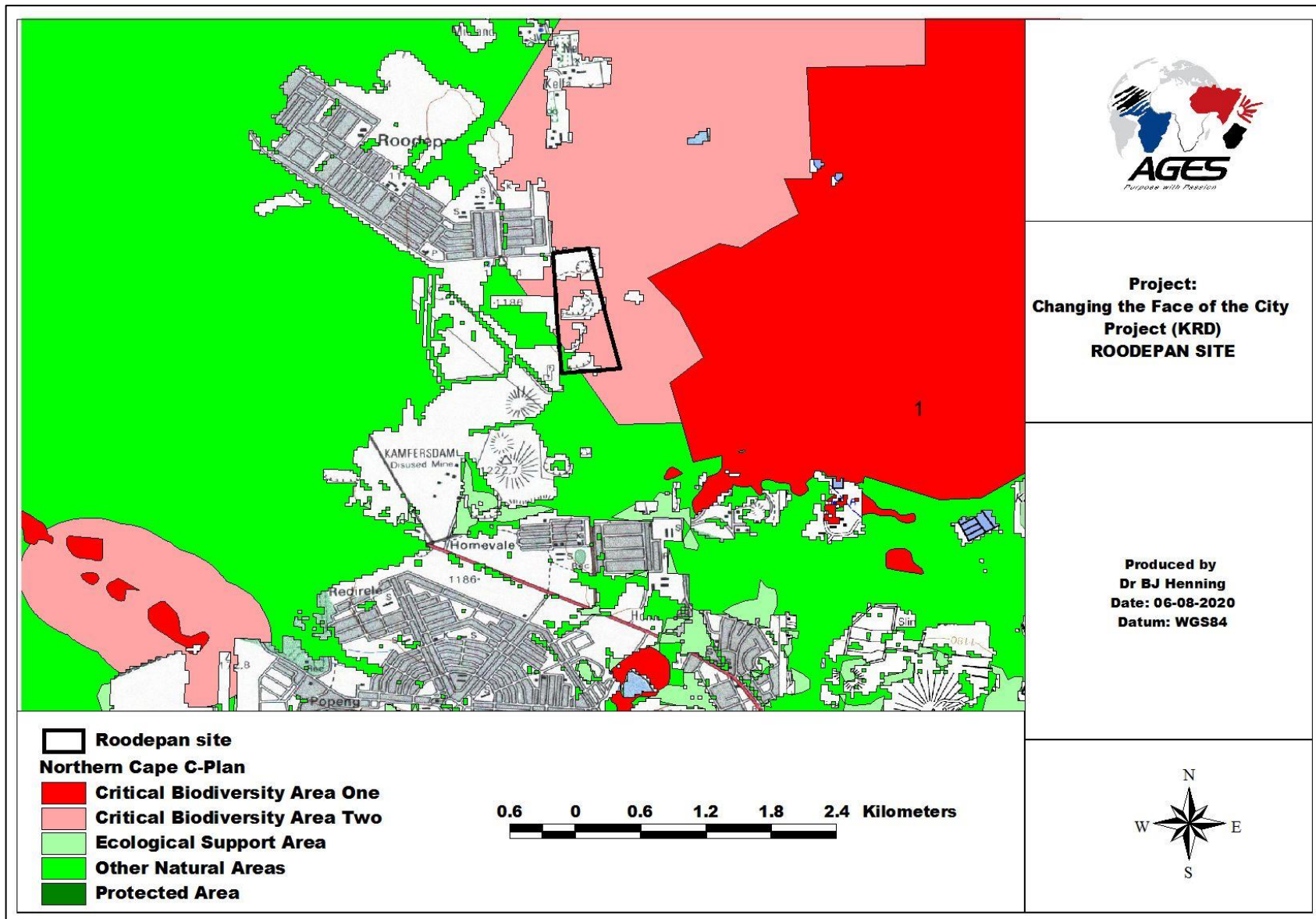
- A portion of Portion 1 of the Farm Vooruitzicht No. 81, Kimberley, in extent approximately 400 ha for gravel extraction.
4. That the Municipality hereby authorises KRD at no cost to the Municipality to:
- Execute the necessary studies for the purpose of this project
 - Apply for the necessary permits and or authorizations
-

APPENDIX 6 (IF APPLICABLE)
COPIES OF ENVIRONMENTAL AUTHORISATIONS OBTAINED ON THE SAME PROPERTY

Not Applicable, there are no existing Environmental Authorisations associated with the Roodepan Site.

**APPENDIX 7 (IF APPLICABLE)
PROJECT MAP**

According to the Northern Cape Conservation Plan, the project area is located in an area classified as CBA2. However, the biodiversity assessment conducted for the site found that the development site is in a highly degraded state and should not be classified as a CBA2 area.



**Project:
Changing the Face of the City
Project (KRD)
ROODEPAN SITE**

**Produced by
Dr BJ Henning
Date: 06-08-2020
Datum: WGS84**

**APPENDIX 8
PROJECT SCHEDULE**

The construction phase of the proposed project will commence once all the required environmental permits, licences and authorisations have been obtained.

The preliminary project schedule up to commencement of construction activities is provided below.

Kimberley Rehabilitation and Development; Changing the face of the City				
Indicative Public Participation and Communication plan				
Date	Activity	Audience	Responsibility	Venue
13-Aug-20	Progress report	SPM Council	KRD	Council Chambers
13-Aug-20	Briefing	Chief Whips and Councillors	KRD	Oleander
25-Aug-20	Invitation to register as interested and affected persons - BAR and EIA	Affected communities and general community	KRD	Notices/Posters/Website/Advertisements/Radio
28-Aug-20	Notification of development intent	General Community	SPM	Notices/Posters/Website/Advertisements/Radio
31-Aug-20	Community briefings	Affected and surrounding communities	KRD/Chief whips/Councillors	Door to door/Notices/Posters/Website/Advertisements/Radio
07-Sep-20	2 nd Progress report	SPM Council	KRD	Council Chambers
16-Sep-20	Public Participation - BAR	Interested and affected parties	KRD	Notices/Posters/Website/Advertisements/Radio
23-Sep-20	Public Participation - Townplanning applications	Interested and affected parties	KRD	Notices/Posters/Website/Advertisements/Radio
23-Sep-20	Public Participation - EIA Rooodepan	Interested and affected parties	KRD	Notices/Posters/Website/Advertisements/Radio
25-Sep-20	Community briefings - Development rationale	Affected and surrounding communities	Ward Councillors/Chief Whips/KRD	Door to door/Notices/Posters/Website/Advertisements/Radio
02-Oct-20	3 rd Progress report	SPM Council	KRD	Council Chambers
06-Oct-20	Public Participation - Town planning applications	Interested and affected parties	KRD	Notices/Posters/Website/Advertisements/Radio
08-Oct-20	Ward Councillor briefings	Ward councillors	KRD/Ward Councillors/Chief whips	
09-Oct-20	Resident briefings	Affected and surrounding communities	KRD/Ward Councillors/Chief whips	
10-Oct-20	Resident briefings	Affected and surrounding communities	KRD/Ward Councillors/Chief whips	
11-Oct-20	Resident briefings	Affected and surrounding communities	KRD/Ward Councillors/Chief whips	
12-Oct-20	Resident briefings	Affected and surrounding communities	KRD/Ward Councillors/Chief whips	
14-Oct-20	Development Agreement (Main) Workshop	SPM/NCPG/Tech committee	KRD/SPM/NCPG	
15-Oct-20	Development Agreement Workshop	SPM/NCPG/Tech Committee	KRD/SPM/NCPG	
16-Oct-20	Development Agreement Workshop	SPM/NCPG/Tech Committee	KRD/SPM/NCPG	
17-Oct-20	Development Agreement Workshop	SPM/NCPG/Tech Committee	KRD/SPM/NCPG	
18/19 Oct 20	Ratification of Development Agreement	SPM/NCPG	KRD/SPM/NCPG	
20-Oct-20	Public Participation - Development Agreement	General Public	KRD	
27-Oct-20	Public Participation EA appeal	General public	KRD	
30-Oct-20	Adoption of Development Agreement	SPM/NCPG	KRD/SPM/NCPG	
04-Nov-20	4 th Progress report	SPM Council	KRD	Council Chambers
07-Nov-20	Signature of DA		KRD/SPM/NCPG	
15-Nov-20	Commencement of Operations		KRD	

APPENDIX 9

DECLARATION OF THE APPLICANT

I, **Deon Kotze** declare that I -

- am, or represent¹, the applicant in this application;
- have appointed / will appoint (delete that which is not applicable) an environmental assessment practitioner to act as the independent environmental assessment practitioner for this application / will obtain exemption from the requirement to obtain an environmental assessment practitioner²;
- will provide the environmental assessment practitioner and the competent authority with access to all information at my disposal that is relevant to the application;
- will be responsible for the costs incurred in complying with the Regulations, including but not limited to –
 - costs incurred in connection with the appointment of the environmental assessment practitioner or any person contracted by the environmental assessment practitioner;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the competent authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the competent authority;
- will ensure that the environmental assessment practitioner is competent to comply with the requirements of the Regulations and will take reasonable steps to verify that the EAP
 - know the Act and the regulations, and how they apply to the proposed development
 - know any applicable guidelines
 - perform the work objectively, even if the findings do not favour the applicant
 - disclose all information which is important to the application and the proposed development
 - have expertise in conducting environmental impact assessments
 - complies with the Regulations
- will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the competent authority in this regard;
- am responsible for complying with the conditions of any environmental authorisation issued by the competent authority;
- hereby indemnify the Government of the Republic, the competent authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or environmental assessment practitioner is responsible for in terms of these Regulations;
- will not hold the competent authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these Regulations;
- will perform all other obligations as expected from an applicant in terms of the Regulations;
- all the particulars furnished by me in this form are true and correct; and
- I realise that a false declaration is an offence in terms of regulation 71 and is punishable in terms of section 24F of the Act.

¹If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached.

²If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

Signature³ of the applicant⁴/ Signature on behalf of the applicant:

[Kimberley Rehabilitation and Development \(KRD\)](#)

Name of company (if applicable):

[XX September 2020](#)

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

Official stamp (below):

³Only original signatures will be accepted. No scanned, copied or faxed signatures will be accepted.

⁴If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority. An EAP may not sign on behalf of an applicant.

APPENDIX 10

DECLARATION OF THE EAP

I, [Ndivhudzannyi Mofokeng](#) , declare that –

General declaration:

- I act as the independent environmental practitioner in this application
- I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant
- I declare that there are no circumstances that may compromise my objectivity in performing such work;
- I have expertise in conducting environmental impact assessments, including knowledge of the Act, Regulations and any guidelines that have relevance to the proposed activity;
- I will comply with the Act, Regulations and all other applicable legislation;
- I will take into account, to the extent possible, the matters listed in regulation 8 of the Regulations when preparing the application and any report relating to the application;
- I have no, and will not engage in, conflicting interests in the undertaking of the activity;
- I undertake to disclose to the applicant and the competent authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the competent authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the competent authority;
- I will ensure that information containing all relevant facts in respect of the application is distributed or made available to interested and affected parties and the public and that participation by interested and affected parties is facilitated in such a manner that all interested and affected parties will be provided with a reasonable opportunity to participate and to provide comments on documents that are produced to support the application;
- I will ensure that the comments of all interested and affected parties are considered and recorded in reports that are submitted to the competent authority in respect of the application, provided that comments that are made by interested and affected parties in respect of a final report that will be submitted to the competent authority may be attached to the report without further amendment to the report;
- I will keep a register of all interested and affected parties that participated in a public participation process; and
- I will provide the competent authority with access to all information at my disposal regarding the application, whether such information is favourable to the applicant or not
- all the particulars furnished by me in this form are true and correct;
- will perform all other obligations as expected from an environmental assessment practitioner in terms of the Regulations; and
- I realise that a false declaration is an offence in terms of regulation 71 of the Regulations and is punishable in terms of section 24F of the Act.

Disclosure of Vested Interest (delete whichever is not applicable)

- I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the Regulations;
- ~~I have a vested interest in the proposed activity proceeding, such vested interest being:~~

Signature of the environmental assessment practitioner:

[Ndi Geological Consulting Services \(Pty\) Ltd](#)

Name of company:

[Xx September 2020](#)

Date:

Signature of the Commissioner of Oaths:

Date:

Designation:

Official stamp (below)