

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION

File Reference Number:
NEAS Reference Number:
Date Received:

(For official use only)

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

PROJECT TITLE

Proposed Increased Storage Capacity of the Easigas LPG Storage Facility in Sidwell, Gqeberha.

Kindly note that:

1. This application form is current as of **1 APRIL 2021**. It is the responsibility of the applicant to ascertain whether subsequent versions of the form have been published or produced by the competent authority.

View the Department's website at <http://www.dedea.gov.za/> for the latest version of the document

2. The application must be completed by typing within the spaces provided in the form. The size 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 up with typing.
3. Where applicable **black out** the boxes that are not applicable in the form.
4. Incomplete applications **may** be rejected and returned to the applicant for revision and resubmission.
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 unless specifically directed otherwise by the Department.
7. No faxed or e-mailed applications will be accepted. Only original signed copies will be accepted unless specifically directed otherwise by the Department.
8. **The Applicant must ensure that comments from all affected State Departments are provided within the prescribed Public Participation timeframe**
9. 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.

10. 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.
11. Please note that tables 1.1. and 1.2 are mandatory
12. In terms of the NEMA Fee Regulations No 37383 which was gazetted on 28 February 2014, a completed application form must be accompanied by proof of payment of the relevant prescribed application fee. Payment may be made by electronic transfer or deposit into the bank account of the competent authority of which the details are confirmed in point 13-below.
13. This serves to confirm the banking details of Eastern Cape Provincial Government as follows:-
 - Account Name: Department of Economic Development, Environmental Affairs and Tourism
 - Account Number: **41 0021 5145**
 - Branch: ABS EC Public Sector
 - Branch Code: 632005
 - Bank: ABSA

Please reference payment as follows:

Name of the region where the application will be submitted as abbreviated below, followed by an indication of the type of application i.e. whether Basic Assessment (BA) or Scoping and EIA (S&EIR) and the name of the Environmental Assessment Consultancy.

- Alfred NZO-AN
- Amathole –A
- Sarah Baartman-SB
- Chris Hani-CH
- Joe Gqabi-JQ
- OR Tambo-ORT

Example if an application is to be submitted to Alfred Nzo Region and it is a Basic Assessment, the reference should reflect as - AN/BA/Environmental Consultancy.

ALL QUERIES REGARDING THE PAYMENT OF FEES MUST BE DIRECTED TO HEAD OFFICE. A COPY OF THE FEE REGULATIONS IS AVAILABLE ON THE DEPARTMENT'S WEBSITE.

NB!!

1. THE PROOF OF PAYMENT MUST BE ATTACHED TO THE APPLICATION FORM ON SUBMISSION AS APPENDIX 18.

2. A SCREENING TOOL REPORT MUST BE ATTACHED TO THIS APPLICATION AS FROM 4 OCTOBER 2019 AS APPENDIX 17

3. A SEPARATE EAP APPLICATION FORM AND CV IS TO ACCOMPANY THIS APPLICATION IN ADDITION TO THE EAP DECLARATION

1. Departmental Details

Queries with regard to completion of the form and any submissions made must be addressed to the contact details hereunder

Alfred Nzo Region Regional Manager: Environmental Affairs Dept of Economic Development, Environmental Affairs & Tourism Private Bag X3513 Kokstad, 4700 PHYSICAL ADDRESS ERF 206 Magistrate Street Maluti 4740 Tel: 039 256/ 0229/0259/0230 Fax: 039 256 /0249/0665	Amathole Region Regional Manager: Environmental Affairs Dept of Economic Development, Environmental Affairs & Tourism Private Bag X9060 East London, 5200 PHYSICAL ADDRESS Palm Square Business Park Kentia House Beacon Bay, East London Tel:[043]707 4000 Fax:[043] 748 2069/97	Sarah Baartman Region Regional Manager: Environmental Affairs Dept of Economic Development, Environmental Affairs & Tourism Private Bag X 5001 Greenacres, 6057 PHYSICAL ADDRESS Collegiate House, Cnr Athol Fugard Terrace & Castle Hill Central, Port Elizabeth Tel:[041] 508 5800 Fax:[041] 585 1958
Chris Hani Region Regional Manager: Environmental Affairs Dept of Economic Development, Environmental Affairs & Tourism P O Box 9636 Queenstown, 5320 PHYSICAL ADDRESS Komani Office Park Block E Queenstown, 5320 Tel: [045]808 4000 Fax:[045]858 8132/5	Joe Gqabi Region Regional Manager: Environmental Affairs Dept of Economic Development, Environmental Affairs & Tourism Private Bag X016 Aliwal North, 9750 PHYSICAL ADDRESS No 27 Queens Terrace Aliwal North, 9750 Tel:[051]6332901 Fax:[051]633 3117	OR Tambo Region Regional Manager: Environmental Affairs Dept of Economic Development, Environmental Affairs & Tourism Private Bag X5029 Mthatha, 5100 PHYSICAL ADDRESS 5 th Floor, Botha Sigcawu Building, Cnr Leeds Road & Owen Street, Mthatha Tel:[047]531 1191 Fax:[047] 531 2887
Head Office- Bhisho (General Enquiries) Director: Environmental Impact Management Department of Economic Development Environmental Affairs & Tourism Private Bag X0054 Bhisho 5605 By Hand PHYSICAL ADDRESS Old Safety and Liaison Building (Global Life Complex) Opposite Engen Garage Bhisho, 5605. Tel: 0828186268 Fax:		

2. PROJECT DESCRIPTION

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

Easigas proposes to increase the capacity of their existing Liquid Petroleum Gas (PLG) storage depot in Sidwell / New Brighton through the installation of an additional 400 m³ above ground LPG storage tank. The facility currently stores a total of 315 m³ LPG in five above ground LPG storage tanks (3 x 45 m³ and 2 x 90 m³) and acts as a LPG cylinder filling facility. The new tank will differ from the existing facility in that it will be for strategic bulk storage to support the region (bulk truck offloading and loading), as opposed to cylinder filling.

The daily operation of the new tank will be limited to loading and unloading of supply trucks into and from the 400m³ LPG tank (approximately twice a week). This will be done via LPG pumps installed on the truck trailer and a supply pump, which will be part of the new 400m³ tank installation.

The proposed new tank will measure approximately 27 m length x 4 m diameter and will be mounted on a concrete slab (approximately 31.75 m x 7.75 m), via concrete plinths, similar to the existing tanks on the site. Delivery trucks will use the existing access gate to the site (off Eveready road) and the existing access control and security measures for the site (fencing and security guard to control access) will apply. A truck offloading and loading point will be constructed adjacent to the tank, and will include automatic fire monitor systems for fire control. Two fire islands, one on either side of the tank, including a fire hose, and Dry Chemical Powder (DCP), to facilitate the relevant fire emergency control measures including automatic fire monitors (connected to the existing fire water system on the site) are included in the design. The design safety distances for above ground storage tanks shall be in accordance with SANS 10087.

The following LPG storage protection measures are included in the design specifications for the facility:

1. Tank overfill protection (to ensure the tank is not filled beyond the maximum 85% volume);
2. Electrical equipment earthing (to ensure flame and spark-proofing);
3. Earthing and bonding (to control static electricity build-up during LPG offloading);
4. A preventive maintenance programme, including daily inspections of all equipment at the LPG facility;
5. Detailed operating procedures for all sections of the facility, including training of personnel;
6. Perimeter fencing and access control via one gate; and
7. No combustible material or vegetation shall be allowed in the facility

The following automatic and passive fire protection systems are included in the design:

1. High velocity automatic fire monitors; and
2. Gas detection system, installed at the tank, truck loading/offloading point and LPG pumps area, and linked to the sites safeguarding system.

The property is leased from the NMBM by Easigas, who have been operating the facility since the early 1990's. The existing LPG tanks and associated facilities on the site were installed in 1988 and thereabouts (prior to the NEMA EIA regulations coming into effect). Prior to this a municipal coal-fired gasworks, with pipelines to supply gas to parts of Port Elizabeth, operated on the site. The old gasworks' storage tanks, infrastructure and pipelines were decommissioned in 2016, but have not yet removed from the site. This infrastructure is visible in the north-eastern part of the site and falls outside the leased area. The tanks have been certified safe for use for

advertising purposes only (i.e. not for storage purposes). The NMBM's future plans with regard to the old gasworks infrastructure are unknown, however, at best, substantial refurbishment would be required to safely use this infrastructure (for any purpose).

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?

NO

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 1.1 (Mandatory)

Infrastructure /Transport Services/Roads – Public	Infrastructure /Localised infrastructure - Billboards	
Infrastructure /Transport Services/Roads – Private	Infrastructure /Localised infrastructure - Depot for dangerous goods	✓
Infrastructure /Transport Services/Rail – Public	Infrastructure /Localised infrastructure - Filling station or Tanks for dangerous goods	✓
Infrastructure /Transport Services/Rail – Private	Utilities Infrastructure/Pipelines - Fresh/Storm Water Urban	
Infrastructure /Transport Services/Airport/Runways/Landing Strip/Helipad – Commercial	Utilities Infrastructure/Pipelines - Fresh/Storm Water Rural	
Infrastructure /Transport Services/Airport/Runways/Landing Strip/Helipad – Private	Utilities Infrastructure/Pipelines - Waste Water	
Infrastructure /Transport Services/Airport/Runways/Landing Strip/Helipad - Public Services	Utilities Infrastructure/Pipelines - Dangerous Goods Urban	
Infrastructure /Transport Services – Ports	Utilities Infrastructure/Pipelines - Dangerous Goods Rural	
Infrastructure /Transport Services - Inland Waterways	Utilities Infrastructure/Telecommunications/ Radio Broadcasting - Tower	
Infrastructure /Transport Services – Marina	Utilities Infrastructure/Telecommunications/ Radio Broadcasting - Mast	
Infrastructure /Transport Services – Canal	Utilities Infrastructure/Telecommunications/ Radio Broadcasting - Receivers	
Infrastructure /Localised infrastructure - Infrastructure in the Sea/Estuary/Littoral Active Zone/Development Setback/100M Inland/or coastal public property.	Utilities Infrastructure - Marine Cables	

Infrastructure /Localised infrastructure - Zip Lines & Foefie Slides	Utilities Infrastructure/Electricity /Generation/Non Renewable/Hydrocarbon - Petroleum
Infrastructure /Localised infrastructure - Cableway or Funiculars	Utilities Infrastructure/Electricity /Generation/Non Renewable/Hydrocarbon - Coal
Utilities Infrastructure/Electricity /Generation/Non Renewable - Nuclear	Services/Water services - Treatment & Waste Water
Utilities Infrastructure/Electricity /Generation/Renewable - Hydro	Services - Hospitality
Utilities Infrastructure/Electricity /Generation/Renewable/Solar - PV	Mining - Prospecting rights
Utilities Infrastructure/Electricity /Generation/Renewable/Solar - CSP	Mining - Mining Permit
Utilities Infrastructure/Electricity /Generation/Renewable – Wind	Mining - Mining Right
Utilities Infrastructure/Electricity /Generation/Renewable - Biomass/ biofuels	Mining/Exploration Right - Gas or Oil Marine
Utilities Infrastructure/Electricity /Generation/Renewable – Wave	Mining/Exploration Right - Gas or Oil Terrestrial
Utilities Infrastructure/Electricity /Distribution and Transmission - Power line	Mining/Production Right - Gas or Oil Marine
Utilities Infrastructure/Electricity /Distribution and Transmission/Substation -	Mining/Production Right - Gas or Oil Terrestrial
Services/Waste Management Services/Disposal facilities - Hazardous	Mining/Underground gasification of coal - Oil
Services/Waste Management Services/Disposal facilities - Nuclear	Mining/Beneficiation - Hydrocarbon
Services/Waste Management Services/Disposal facilities - General	Mining/Beneficiation - Mineral
Services/Waste Management Services/Treatment facilities - Hazardous	Agriculture/Forestry/ Fisheries - Crop Production
Services/Waste Management Services/Treatment facilities - General	Agriculture/Forestry/ Fisheries - Animal Production
Services/Waste Management Services/Storage Facilities - General	Agriculture/Forestry/ Fisheries - Afforestation
Services/Waste Management Services/Storage Facilities - Hazardous	Agriculture/Forestry/ Fisheries - Aquaculture
Services/Waste Management Services/Storage Facilities - Nuclear	Agriculture/Forestry/ Fisheries - Agro-Processing
Services/Burial and cemeteries - Cemeteries	Transformation of land - Indigenous vegetation

Services/Burial and cemeteries - Cremators		Transformation of land - From open space or Conservation	
Services/Water services/Storage - Dams		Transformation of land - From agriculture or afforestation	
Services/Water services/Storage - Reservoirs		Transformation of land - From mining or heavy industrial areas	
Services/Water services - Desalination		Any activities within or close to a watercourse	
Any activity in an estuary, on the seashore, in the littoral active zone, or in the sea.			
Activity requiring permit or licence in terms of National or Provincial legislation governing the release or generation of emissions - Emissions			
Activity requiring permit or licence - Marine Effluent			
Activity requiring permit or licence - Fresh Water Effluent			
Release of Genetically Modified Organisms			

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

Table 1.2 (Mandatory)

Anticipated CAPEX value of the project on completion	+ - R 4. 1 Mil
What is the expected annual income to be generated by or as a result of the project?	No direct additional income. However, additional tank capacity will support local customers operations.
New skilled employment opportunities created in the construction phase of the project	No new skills employment opportunities will be created but local contractors will be utilized to carry out all work activities during the construction phase.
New skilled employment opportunities created in the operational phase of the project	No new employment opportunities will be created due to the fact that the existing depot will operate the additional tank storage..
New un-skilled employment opportunities created in the construction phase of the project	No new un-skilled employment opportunities will be created but local contractors will be utilized to carry out all work activities during the construction phase.
New un-skilled employment opportunities created in the operational phase of the project	No new un-skilled employment opportunities will be created due to the fact that the existing depot will operate the additional tank storage..
What is the expected value of the employment opportunities during the operational and construction phase?	R3 Million

What percentage of this value that will accrue to previously disadvantaged individuals?	Directly None
What percentage of this value that will accrue to previously disadvantaged individuals?	Directly None
The expected current value of the employment opportunities during the first 10 years	Directly None
What percentage of this value that will accrue to previously disadvantaged individuals?	Directly None

Table 2

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.	YES	
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that forms part there of:		
The proposed development (installation of a new 400m ³ LPG storage tank) will form part of the existing operational activities of the Easigas LPG depot in Sidwell, Gqeberha. The existing facilities on the site were developed prior to the EIA regulations coming into effect and therefore did not require environmental authorisation at the time. Easigas has confirmed that the existing LPG storage tanks on the site were installed in and around 1988.		

3. GENERAL INFORMATION

Project applicant:	Easigas (Pty) Ltd		
Registration no (if any):	1981/ 003430/ 07		
Trading name (if any):	N/A		
Responsible position, e.g. Director, CEO, etc.:	Operations Manager (Welcome Bila)		
Contact person:	Talani Mathebula		
Physical address:	Eveready Rd ,Sidwell, Gqeberha, 6001		
Postal address:	P.O. Box 17297, Randhart		
Postal code:	1457	Cell:	079 889 2202
Telephone:	011 389 7700	Fax:	-
E-mail:	talani.mathebula@easigas.com	BBBEE status	Level 1

Provincial Authority:	DEDEAT		
Regional Office	Sarah Baartman Region (Cacadu Region)		
Contact person:	Mr Andries Struwig		
Postal address:	PO Box X5001, Greenacres, South Africa		
Postal code:	6057	Cell:	079 503 1762
Telephone:	041 508 5840	Fax:	041 508 5865
E-mail:	andries.struwig@dedea.gov.za		

Local municipality	Nelson Mandela Bay Metropolitan Municipality		
Contact person:	Mr K. Govender		
Postal address:	PO Box 116, Gqeberha		
Postal code:	6000	Cell:	-
Telephone:	041 506 5365	Fax:	041 585 7261
E-mail:	kgovender@mndelametro.gov.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:	Nelson Mandela Bay Metropolitan Municipality		
Contact person:	Mr K. Govender		
Postal address:	PO Box 116, Gqeberha		
Postal code:	6000	Cell:	-
Telephone:	041 506 5365	Fax:	041 585 7261
E-mail:	kgovender@mndelametro.gov.za		

If the proponent is not the owner or person in control of the land on which the activity is to be undertaken, the proponent must, obtain the written consent of the landowner or person in control of the land to undertake such activity on that land and submitted in **Appendix 3**.

In instances where the activity is linear, or activities constituting, or activities directly related to prospecting or exploration of a mineral and petroleum resource or extraction and primary processing of a mineral or petroleum resource; and

strategic integrated projects as contemplated in the Infrastructure Development Act, 2014 please attach a list of those landowners with their contact details as **Appendix 3** with **proof of notice** to the landowner or person in control of the land on which the activity is to be undertaken.

Identified Competent Authority to consider the application:	Department of Economic Development, Environmental Affairs & Tourism
Reason(s) in terms of Sec 24C of NEMA 1998 as amended	Provincial authority identified as the competent authority in the regulations as the applicant is a private company and the project is within the Eastern Cape.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

EAP:	Ms. Nicola Rump		
Professional affiliation/registration:	CEAPSA, IAIASA		
Contact person (if different from EAP):	N/A		
Company:	SRK Consulting (South Africa) (Pty) Ltd.		
Physical address:	Ground Floor, Bay Suites, 1a Humewood Rd, Humerail, Gqeberha		
Postal address:	P O Box 21842		
Postal code:	6001	Cell:	-
Telephone:	041 509 4800	Fax:	041 509 4850
E-mail:	nrump@srk.co.za		

If an EAP has not been appointed please ensure that an independent EAP is appointed as stipulated by Regulation 13 of GN R 326, dated 07 April 2017, prior to the commencement of the process.

The declaration of independence (EAP application) and the Curriculum Vitae (indicating the experience with environmental impact assessment and the relevant application processes) of the EAP must also be submitted as **Appendix 16**

Alternatively, exemption may be applied for from the provisions of this regulation.

5. SITE DESCRIPTION

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

Province	Eastern Cape
District Municipality	Cacadu District Municipality
Local Municipality	Nelson Mandela Bay Municipality
Ward number(s)	14
Nearest town(s)	Gqeberha

Farm name(s) and number(s)	Erf 349, New Brighton					
Portion number(s)						
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)		
	33°	54'	43.8732	25°	35'	46.6599
	33°	54'	44.0658	25°	35'	46.8639
	33°	54'	44.5919	25°	35'	45.7360
	33°	54'	44.7736	25°	35'	45.9542

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	5	9	0	0	2	6	0	0	0	0	0	3	4	9	0	0	0	0
1	2		3		4					5									

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

Are there any other applications for Environmental Authorisation on the same property?		<input type="checkbox"/> NO
If YES, please indicate the following:		
Competent Authority	N/A	
Reference Number	N/A	
Project Name	N/A	
Please provide details of the steps taken to ascertain this information:		
<p>The proponent is the current and only occupier of the site on which the development proposal is planned, as confirmed by the landowner permission letter provided in Appendix 3, and has been leasing the property and operating on the site since the early 1990's. The proponent has not been informed of any other applications for Environmental Authorisation on or close to the portion of property that they lease.</p>		

Please provide copies of Environmental Authorisations obtained for the same property as **Appendix 6**.

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.324, 325, and 327	Description of project activity that triggers listed activity – if activities in GN R. 324 are triggered, indicate the triggering criteria as described in the second column of GN R. 324
e.g. GN R.324 XX(x): The construction of a bridge within 32m of a water course	e.g. A bridge measuring 5 m in height and 10m in length, not wider than 8 meters will be built over the Vaal river
GNR 327 Listing Notice 1 Activity 51: The expansion and related operation of facilities for the storage, or storage and handling, of a	The project will involve the increase in storage capacity of the existing Liquid Petroleum Gas (LPG) storage facility through the addition of a 400 m ³ above-ground LPG storage tank.

dangerous good, where the capacity of such storage facility will be expanded by more than 80 cubic metres	
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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 (ie. either BAR or EIR).

Should any activities in GN R.324 be applied for, please provide a map indicating the triggering area (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**.

6 PUBLIC PARTICIPATION

Provide details of the public participation process proposed for the application as required by Regulation 41) of GN R.326, dated 07 April 2017.

- Plan the public participation process, including identifying authorities, stakeholders and IAPs;
- Notify the landowner, all identified authorities, stakeholders, ward councillor. and adjacent landowners and occupiers via email (on 25 October 2021) of the proposed development and BA Process as per the requirements of the EIA regulations;
- Placement of an on-site poster at the entrance gate to the site notifying the public of the BA process and inviting registration as IAP;
- Notifying the public of the BA process and inviting IAPs to register through publication of a newspaper notice in the EP Herald on 2 November 2021;
- Update and maintain the IAP database throughout the project life cycle;
- Record and respond to all IAP comments received throughout the process;
- Submit full hard / electronic copies of the Draft BAR to identified authorities;
- Distribute copies of the Executive Summary of the Draft BAR to registered IAPs for review and comment;
- Make an electronic copy of the complete Draft BAR available for download on the SRK Consulting webpage for IAP review and comment;
- Make additional copies (hard / electronic) of the Draft BAR available to IAPs for review on request, should they not have access to email or be able to download the report from SRK's website;
- Provide a 30-day comment period for the Draft BAR for all parties;
- Collate IAP comments on the Draft BAR and incorporate these into a Final BAR including the EMPr;
- Distribute copies of the Executive Summary of the Final BAR to all registered IAPs for informational purposes;
- Make an electronic copy of the complete Final BAR available for download on the SRK Consulting webpage for informational purposes; and
- Notify registered IAPs of the decision and applicable appeal procedure as per the EIA regulations.

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

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7. OTHER AUTHORISATIONS REQUIRED

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
SEMA's				
National Environmental Management: Air Quality Act		NO		NO
National Environmental Management: Biodiversity Act		NO		NO

National Environmental Management: Integrated Coastal Management Act		NO		NO
National Environmental Management: Protected Areas Act		NO		NO
National Environmental Management: Waste Act		NO		NO
National legislation				
Mineral Petroleum Development Resources Act		NO		NO
National Water Act		NO		NO
National Heritage Resources Act		NO		NO
National Forest Act		NO		NO
Sea Shore Act		NO		NO
Others: Please specify		NO		NO

Please provide proof of submission of applications in **Appendix 12**.

If authorisation is necessary in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**.

8. LIST OF APPENDICES

		SUBMITTED	
Appendix 1	Strategic Infrastructure Projects		N/A
Appendix 2	List of Local Municipalities (with contact details)		N/A
Appendix 3	Landowner consent where required and/or List of land owners (with contact details) and proof of land owner notification	YES	
Appendix 4	List of co-ordinates and/or SGIDs	YES	
Appendix 5	Title deed(s) and SG diagram(s)	YES	
Appendix 6	Copies of Environmental Authorisations obtained for the same property		N/A
Appendix 7	Map indicating triggered areas for GN R.324	YES	
Appendix 8	Project schedule	YES	
Appendix 9	Details of application for exemption and deviation from PPP		N/A
Appendix 10	Supporting documentation and proof of notification of I&APs for exemption application and or deviation from PPP		NO
Appendix 11	Details of request for deviation		NO
Appendix 12	Proof of submission of additional applications		NO
Appendix 13	A3 size locality map	YES	
Appendix 14	Declaration of Applicant	YES	
Appendix 15	Declaration of EAP	YES	
Appendix 16	EAP application and CV	YES	
Appendix 17	Screening Tool Report	YES	
Appendix 18	Proof of payment	YES	

APPENDIX 1

STRATEGIC INFRASTRUCTURE PROJECTS



Province of the
EASTERN CAPE

ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

<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 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 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 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</p>	

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.	
Indicate capacity in MW:	
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.	
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.	
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	
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	
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.	
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 Infraco 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. 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.	
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.	
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%.	

<p>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.</p> <p>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</p> <p>A 10-year plan to address the estimated backlog of adequate water to supply 1.4m households and 2.1m households to basic sanitation.</p> <p>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 FOR CROSS BORDER PROJECTS

- Nelson Mandela Bay Metropolitan Municipality (the project does not cross any municipal borders)

APPENDIX 3

LAND OWNER CONSENT (IF APPLICANT IS NOT THE LAND OWNER)

LIST OF LAND OWNERS WITH PROOF OF NOTIFICATION (IN EVENT OF LINEAR ACTIVITIES)

- Nelson Mandela Bay Metropolitan Municipality (Contact person: Mr K. Govender kgovender@mdelametro.gov.za) – see attached consent letter

CORPORATE SERVICES

Your ref: Easigas

Our ref: NMBMLP02

Date: 21 October 2020

Who deals with this: K Govender

Tel: +27 (0) 41 506 5365

E-mail: kgovender@mandelametro.gov.za

EASIGAS (PTY) LTD
Easigas Port Elizabeth Depot
Eveready Road
Sidwell
6061

PER EMAIL

RE: PROPOSED STORAGE INCREASE

Dear Sir/Ma'am

The Municipality has reviewed the proposed request for and is granting permission for all alterations subject to the building regulations; approval of building plans; approval of site development plans; approval of all other certifications including and not limited to an environmental impact assessment. It has been noted that all costs associated to the project and subsequent enhancement is for the expense of the lessee with no obligation to the NMBM for reimbursement upon expiration or cancellation of the lease.

The Municipality confirms that the proposed additional storage area as per the site plan is within the leased area.

Kindly send all certifications and approvals from your engineers and all other relevant documents prior to commencement of the project to the Municipality for review and confirmation if necessary.

Yours Faithfully


C. JAMDA (Mr.)
CORPORATE SERVICES

21 October 2020

Collectively we can achieve more



Nelson Mandela Bay Municipality



www.nelsonmandelabay.gov.za



September 12, 2017

SG Approved Cadastral

☐ SG Approved Cadastral

Registered Cadastral

☐ Registered

☐ Sectional

Roads

Sectional Scheme Name

Red: Band_1

Green: Band_2

Blue: Band_3

1:2,257

0 0.0175 0.035 0.07 mi

0 0.03 0.06 0.12 km

APPENDIX 4 (IF APPLICABLE)

LIST OF CO-ORDINATES AND/OR SGIDS

Coordinates of the proposed LPG storage facility:

Latitude (S) (DDMMSS)			Longitude (E) (DDMMSS)		
33°	54'	43.8732	25°	35'	46.6599
33°	54'	44.0658	25°	35'	46.8639
33°	54'	44.5919	25°	35'	45.7360
33°	54'	44.7736	25°	35'	45.9542

APPENDIX 5

SG DIAGRAM(S)

Note – the latest SG diagram available dates back to 2002 and does not indicate the full extent of the current lease area. Please refer to Appendix 3 for consent letter from NMBM for drawing showing the updated lease area, which includes the area on which the proposed new tank will be installed.

APPENDIX 6 (IF APPLICABLE)

COPIES OF ENVIRONMENTAL AUTHORISATIONS OBTAINED ON THE SAME PROPERTY

None

APPENDIX 7 (IF APPLICABLE)

MAP INDICATING TRIGGERING AREAS FOR GN R.324

No areas in terms of GNR.324 are triggered – see sensitivity map in Appendix 13

APPENDIX 8

PROJECT SCHEDULE

Task	Anticipated date
Distribution of BID	25 October 2021
Comment period on BID	26 October - 11 November 2021
Submission of BA Application form	19 November 2021
Distribution of Draft BAR to IAPs and DEDEAT	19 November 2021
30 day public and stakeholder comment period	20 November 2021 to 08 January 2022
Submission of Final Basic Assessment Report	14 January 2022

APPENDIX 9 (IF APPLICABLE)

DETAILS OF REQUEST FOR EXEMPTION AND /OR DEVIATION FROM PUBLIC PARTICIPATION

N/A

APPENDIX 10 (IF APPLICABLE)

**SUPPORTING DOCUMENTATION AND PROOF OF NOTIFICATION OF I&APS FOR EXEMPTION
APPLICATION AND OR DEVIATION FROM PPP**

N/A

APPENDIX 11.

DETAILS OF REQUEST FOR DEVIATION

N/A



Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

APPENDIX12

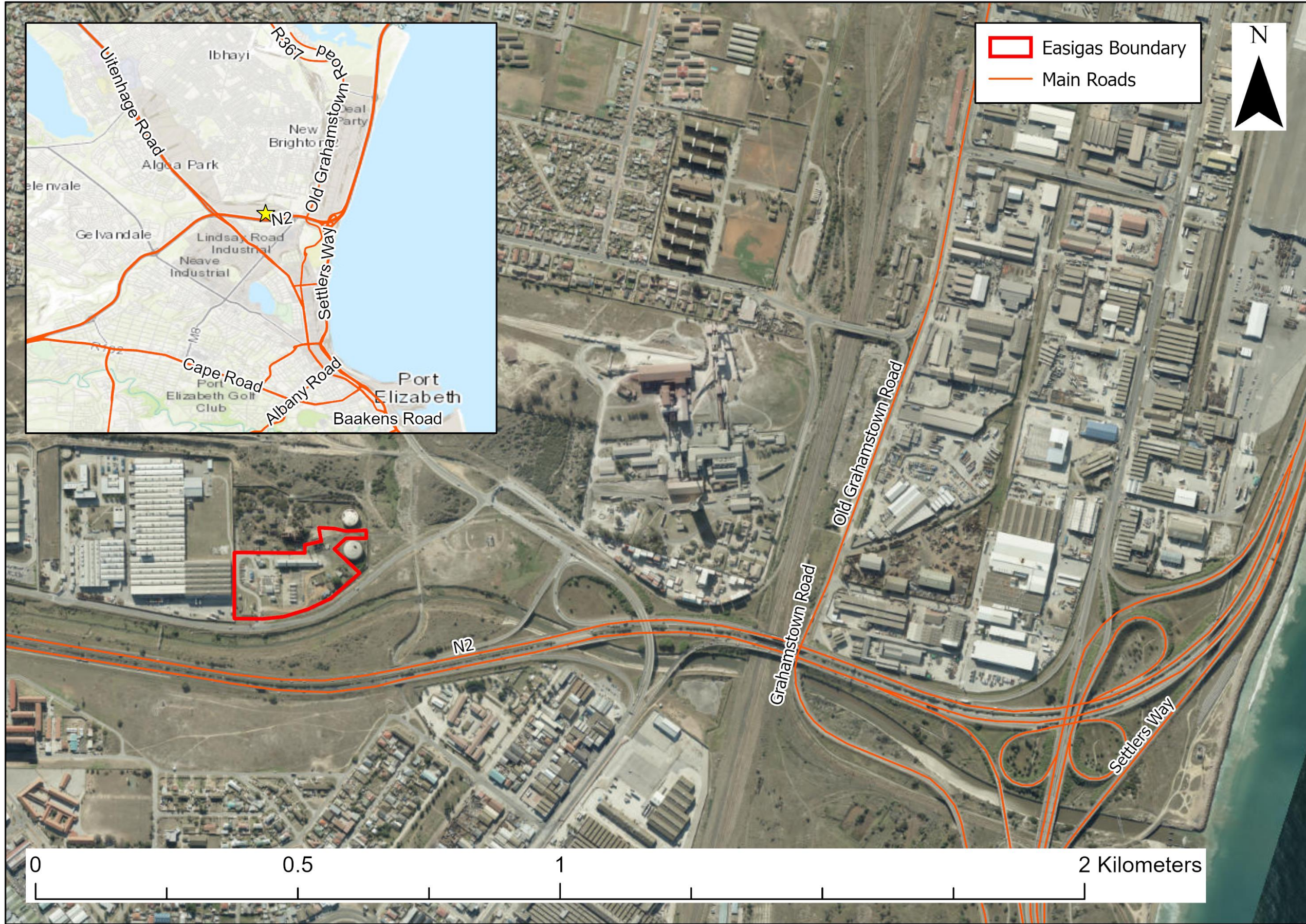
PROOF OF SUBMISSION OF ADDITIONAL APPLICATIONS

N/A

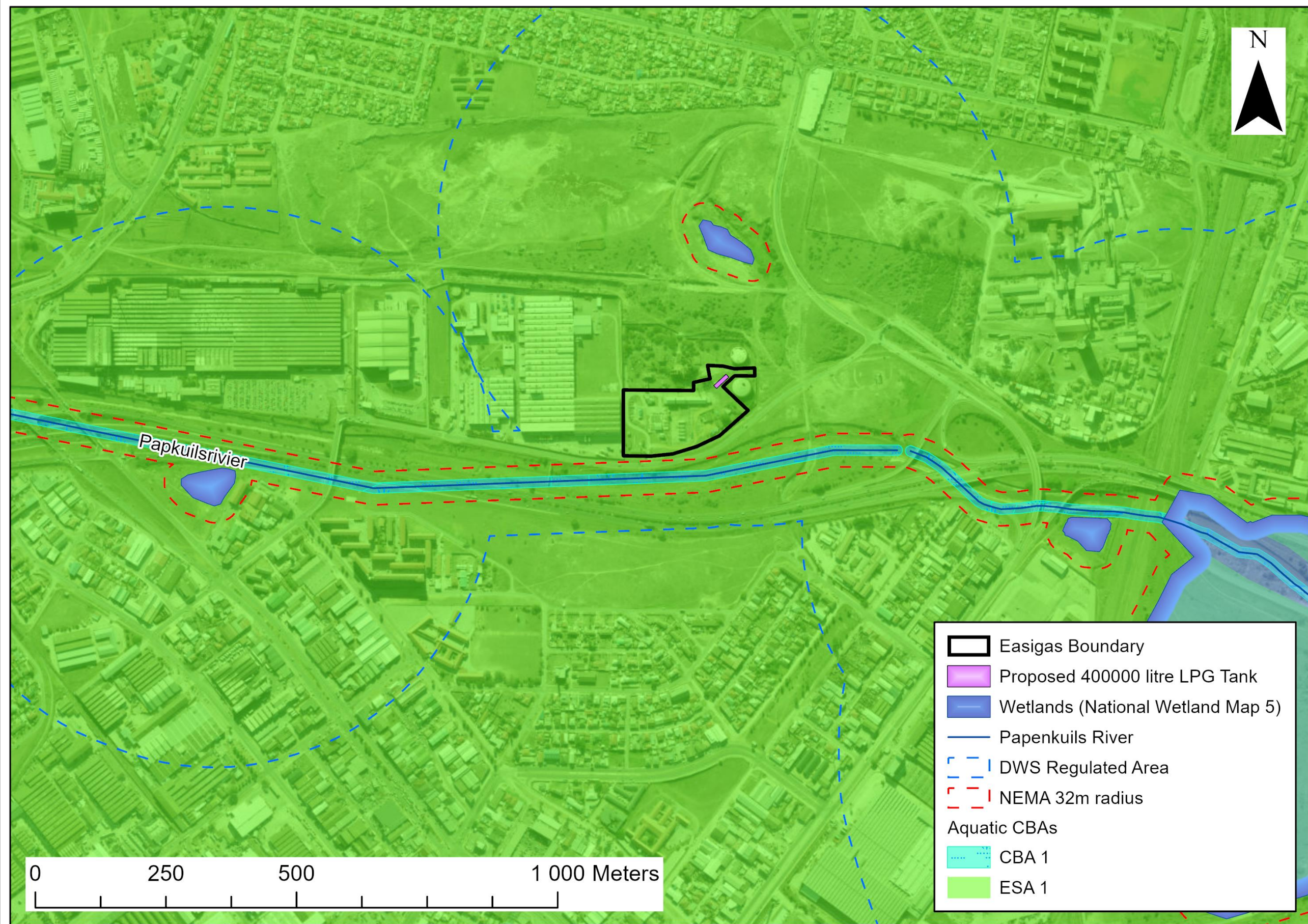


Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

APPENDIX 13
A3 SIZE LOCALITY MAP



Scale: 1:10 000		A4
Projection: TM	Datum: HH94	
Central Meridian/Zone: Lo25		
Date: 11/11/2021	Compiled by: STRL	
Project No. 565826	Fig No. 001	



Scale:		A4
1:10 000		
Projection:	Datum:	
TM	HH94	
Central Meridian/Zone:		
Lo25		
Date:	Compiled by:	
11/11/2021	STRL	
Project No.	Fig No.	
565826	004	

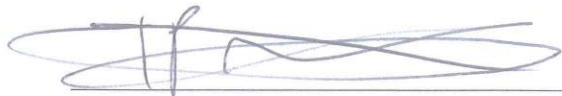
APPENDIX 14
DECLARATION OF THE APPLICANT

I, **Talani Mathebula**, 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 and punishable in terms of the section 24F of the Act.

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

² If 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:

Easigas Pty Ltd

Name of company (if applicable):

11 - November - 2021

Date:



Signature of the Commissioner of Oaths:

2021/11/11

Date:

Attorney

Designation:

Official stamp (below)


Nomkhosi Buthelezi
Ex-Officio Attorney
Commissioner of Oaths (RSA)
Bldg 7, Grayston Office Park, Sandton
Republic of South Africa
Tel: +27 11 517 9800

CERTIFIED A TRUE COPY
OF THE ORIGINAL

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

⁴ If 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 15
DECLARATION OF THE EAP

I, **Nicola Rump**, 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 13 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 and 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:

SRK Consulting

Name of company:

19/11/2021

Date:

Signature of the Commissioner of Oaths:

2021-11-19

Date:


Warrant Officer

Designation:

Official stamp (below)



APPENDIX 16

EAP APPLICATION AND CV



Nicola Rump

Principal Environmental Scientist

Profession: Principal Environmental Consultant / Scientist

Nationality: South African (dual UK & SA passports)

Qualifications: MSc (Eco Physiology), Wits, 2005
BSc (Hons) (Zoology), UPE, 2002
BSc (Zoology, Biochemistry), UPE, 2001

Registrations: Certified Environmental Assessment Practitioner (EAP(SA)), Member of IAISA

Awards: None

Specialisation: Environmental Management Plans, permitting and compliance monitoring; Environmental Impact and Basic Assessments (to SA and IFC standards); Renewable energy, infrastructure, industrial and mining related projects; ecology

Additional relevant courses / training: International Finance Corporation (IFC) Environmental and Social Risk Management (ESRM) training for consultants, consisting of 5 days of intensive training followed by four practical workshops (2-3 days each) and a series of follow up sessions, running from January 2018 to November 2021. This training was provided by the IFC to qualifying consultants, and covered a wide range of topics aimed at assisting financial organisations in identifying, assessing, mitigating and monitoring the risks posed by potential investments.

Professional Interests: Risk management, international best practice, mining, renewable energy developments, conservation and restoration ecology, ecosystem services, impact assessment, environmental management, environmental compliance and due diligence audits, sustainable finance and ESG related issues.

I have been involved in EIAs and environmental management since 2007, both in South Africa and internationally. My experience includes 11 months in SRK's UK office (Cardiff) during 2011-2012, during which time (and subsequently, back in SRK's SA office), I gained experience on working on large mining projects and meeting the requirements of international funders (such as the IFC). I have also completed the IFC's Environmental and Social Risk Management training programme for consultants (in 2018). My expertise includes:

- Project management and co-ordination;
- Environmental impact assessments (BA / EIA / ESIA, both to South African standards and those of international funding organisations);
- Environmental management plans (including ESAP, ESMP, EMP, ESMS);
- Environmental compliance auditing;
- Management of specialist studies;
- Environmental licensing / permitting;
- Stakeholder engagement;
- Due diligence / environmental legal compliance reviews;
- Provision of environmental input for a wide range of report types.

My core competencies include:

- Proficiency in using the various commonly used PC software e.g. MS Word, Excel, Powerpoint, Outlook and Project;
- Excellent report writing, review and compilation skills;
- Excellent presentation and communication skills (both verbal and written);
- Project management, including management of a large and diverse project team and budgets;
- Appointment and management of specialists / sub-consultants;
- Mentoring and management of junior staff;
- Identifying and pursuing new work opportunities, including budgeting and proposal writing

Employment Record:

2012- present	SRK Consulting (SA) , Port Elizabeth. Principal Environmental Scientist
2011 - 2012	SRK Consulting (UK) , Cardiff. Environmental Scientist
2008 – 2011	SRK Consulting (SA) , Port Elizabeth. Environmental Scientist.
2007 – 2008	Sigwela and Associates , Port Elizabeth. Environmental Control Officer.
2006-2007	Integrated Management Systems , Port Elizabeth. Personal assistant and trainee Management System consultant.
2006	Valmac Printers & Stationers , Port Elizabeth. General assistant to management; print consultant.
2005	NMMU , Port Elizabeth. Research Assistant – Botany Department.

Languages:	Speak	Read	Write
English	Excellent	Excellent	Excellent
Afrikaans	Good	Good	Fair
Spanish	Basic	Basic	Basic

PROJECT EXPERIENCE

Key Experience:	IFC-ALIGNED LENDER RELATED WORK
Location:	Selous, Zimbabwe
Project duration/date:	April – June 2016
Client:	Zimplats
Name of Project:	Proposed Smelter expansion Project at Selous Metallurgical Complex (SMC) Environmental & Social Risk Assessment
Project Description:	ESRA for the expansion of existing smelter facilities at Zimplats' platinum processing plant, to inform further actions required with regard to environmental best practice management.
Job Title and Duties:	Project co-ordinator and Environmental Assessment Practitioner.
Value of Project:	~ R 150,000
Location:	Ethiopia (two mine sites)
Project duration/date:	October 2015
Client:	National Mining Corporation plc (NMIc)
Name of Project:	Okote Gold & Werri Gold & Base Metal Project, Ethiopia
Project Description:	Environmental and Social Impact Assessments (for local permitting requirements, as well as to lay the ground work for upgrading to international standards), for two gold mines in Ethiopia
Job Title and Duties:	Environmental Assessment Practitioner - provision of ad-hoc assistance to project team relating to report writing.
Value of Project:	~ USD 1,000,000
Location:	Bas Congo Province, Democratic Republic of Congo
Project duration/date:	May 2013 – October 2015
Client:	Nyumba Ya Akiba sarl. (NYA)
Name of Project:	NYA cement project ESIA update, addendum and implementation support
Project Description:	ESIA update and associated management plans (including RAP), as well as completion of further work required, in response to gaps in a previous ESIA (by another consultancy) identified through a due diligence undertaken on behalf of the IFC for the development of a cement plant, limestone quarry and associated infrastructure in DRC.
Job Title and Duties:	Project co-ordinator and Environmental Assessment Practitioner.
Value of Project:	~ USD 1,000,000
Location:	Lunsar, Sierra Leone
Project duration/date:	November 2010 – October 2012
Client:	Marampa Iron Ore Limited (subsidiary of Cape Lambert)
Name of Project:	Marampa Iron Ore ESIA

Project Description:	EIA for local authorisation and to meet future IFC-aligned lender requirements for the development of an iron ore mine and associated infrastructure around the town of Lunsar, Sierra Leone.
Job Title and Duties:	Project co-ordinator and Environmental Assessment Practitioner.
Value of Project:	~ R8,500,000

Key Experience: ENVIRONMENTAL IMPACT ASSESSMENTS

Location:	Coega Special Economic Zone, Port Elizabeth, South Africa
Project duration/date:	September 2020 – August 2021
Client:	ALO Polymers
Name of Project:	Coega Polyethylene Terephthalate Polymer Plant EIA
Project Description:	Environmental Assessment, including air emission licence, for a 900 ton per day polyethylene terephthalate (PET) polymer plant in the Coega Special Economic Zone
Job Title and Duties:	Project reviewer
Value of Project:	~R 700,000

Location:	Coega Special Economic Zone, Port Elizabeth, South Africa
Project duration/date:	September 2020 – August 2021
Client:	Engie Southern Africa
Name of Project:	Engie 200 MW Risk Mitigation Gas to Power Project
Project Description:	Screening study, Scoping phase and Air Emission License application for 200 MW gas fired power plant, including associated infrastructure for gas import.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/manager
Value of Project:	~R 900,000

Location:	Coega Special Economic Zone, Port Elizabeth, South Africa
Project duration/date:	December 2019 - current
Client:	Coega Development Corporation / Mulilo Total Coega
Name of Project:	Coega Gas to Power Project
Project Description:	Environmental Impact Assessments and Air Emission License applications for 3000 MW Combined Cycle Gas Turbine Project, including associated gas infrastructure (project split into four separate EIAs), and including a 200 MW phase as part of the DMRE's Risk Mitigation IPPPP.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/manager
Value of Project:	~R 1,200,000

Location:	Groot Winterhoek Mountains, Kirkwood, Eastern Cape, South Africa
Project duration/date:	2014 – 2017
Client:	Vulisango Holdings (Pty) Ltd
Name of Project:	Inyanda – Roodeplaat 187 MW Wind Energy Facility
Project Description:	Environmental Impact assessment for wind farm and associated infrastructure
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator
Value of Project:	~ R 1,200,000

Location:	Hopetown, Northern Cape, South Africa
Project duration/date:	April 2015 – June 2017
Client:	Afri-Coast Energy (Pty) Ltd
Name of Project:	Kloofsig 225 MW photovoltaic solar energy facility
Project Description:	Environmental Impact Assessment for solar energy facility (in 3 phases, each requiring a separate EIA process) and associated infrastructure
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/manager
Value of Project:	~R 1,300,000

Location:	Coega Industrial Development Zone, Port Elizabeth, South Africa
Project duration/date:	3 months, 2018
Client:	Confidential
Name of Project:	Wind to Water feasibility study
Project Description:	Environmental Feasibility Study for an integrated 150 ML/day desalination plant and wind energy project in the Coega industrial development zone
Job Title and Duties:	Report author

Value of Project:	Confidential
Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	March 2014 – September 2019
Client:	Nelson Mandela Bay Municipality
Name of Project:	Walmer Gqebera housing EIA, erf 11305
Project Description:	Environmental Impact Assessment for low cost housing development and associated infrastructure
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/manager
Value of Project:	~R 1,900 000
Location:	Harare, Zimbabwe
Project duration/date:	September 2013 - March 2014
Client:	PPC
Name of Project:	PPC Zimbabwe Harare cement grinding plant EIA
Project Description:	Supervision and review of an EIA for Zimbabwean environmental authorisation (with a subsequent potential update to meet lender requirements) for a cement grinding facility and associated infrastructure in Harare.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator
Value of Project:	~ ZAR 1,600 000
Location:	Humansdorp, Eastern Cape, South Africa
Project duration/date:	March 2013 – September 2014
Client:	Woodlands Dairy
Name of Project:	Woodlands Dairy EIA & Waste License
Project Description:	EIA for the installation of an effluent treatment plant at a milk processing facility and the associated waste license application.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/manager
Value of Project:	~ R400,000
Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	November 2010 – April 2019
Client:	Nelson Mandela Bay Municipality
Name of Project:	Seaview housing EIA
Project Description:	Site suitability screening and EIA for the development of a low income housing development and associated infrastructure, including on-site sanitation.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/manager
Value of Project:	~ R1,500,000
Location:	Selous, Zimbabwe
Project duration/date:	February 2012 – July 2012
Client:	Zimplats
Name of Project:	Proposed Sulfur Dioxide (SO ₂) Abatement Installation Project at Selous Metallurgical Complex (SMC) EIA Amendment
Project Description:	EIA amendment for the installation of a scrubber and associated facilities for SO ₂ abatement at an existing platinum processing plant at Zimplats's SMC facility.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator
Value of Project:	~ R750,000
Location:	Selous, Zimbabwe
Project duration/date:	August 2012 – February 2013
Client:	Zimplats
Name of Project:	Zimplats Phase 3 expansion consolidated EIA and EMP
Project Description:	Consolidated report summarising the project description and findings of various EIAs that have been conducted for Zimplats current operations and Phase 3 expansion, and compilation of an Environmental Management Plan for management of current and future environmental impacts.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator.
Value of Project:	~ R3,000,000
Location:	Port Elizabeth, Eastern Cape, South Africa

Project duration/date: February 2009 – September 2010
 Client: Nelson Mandela Bay Municipality
 Name of Project: NMBM CEF 27 MW Wind Energy Facility EIA
 Project Description: EIA for a 27 MW wind farm (including comparative site suitability assessment and associated infrastructure)
 Job Title and Duties: Environmental Assessment Practitioner, project coordinator
 Value of Project: ~ R1,600,000

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/date: 2008 - 2010
 Client: Nelson Mandela Bay Municipality
 Name of Project: Khayamandi Extension Housing Project EIA
 Project Description: Environmental Impact Assessment for low cost housing development and associated infrastructure
 Job Title and Duties: Environmental Assessment Practitioner, project coordinator
 Value of Project: ~R 530,000

Location: Graaff-Reinet, Eastern Cape, South Africa
 Project duration/date: April 2008 – March 2010
 Client: Camdeboo Municipality
 Name of Project: Graaff-Reinet Waste Landfill Site EIA and Waste License Application
 Project Description: EIA for the selection of a suitable location for a new waste landfill site, and licensing thereof, including comparative site suitability assessment
 Job Title and Duties: Environmental Assessment Practitioner, project coordinator
 Value of Project: ~R350 000

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/date: July 2008 – September 2010
 Client: Nelson Mandela Bay Municipality
 Name of Project: NMBM Walmer Gqebera Housing EIA
 Project Description: Application for exemption from EIA for low-cost housing development in Gqebera Township
 Job Title and Duties: Environmental Assessment Practitioner, project coordinator
 Value of Project: ~R200 000

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/date: July 2006 - 2008
 Client: Jacques du Plessis
 Name of Project: Ferreira Farm residential development EIA
 Project Description: EIA for residential development
 Job Title and Duties: Environmental Assessment Practitioner, project coordinator
 Value of Project: ~R240 000

Key Experience: BASIC ASSESSMENTS

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/ date: March 2019 – March 2020
 Client: ACSA
 Name of Project: ACSA PE airport stormwater upgrade
 Project Description: Updated Basic Assessment for upgrades to stormwater infrastructure at the Port Elizabeth airport and Environmental Control Officer for construction
 Job Title and Duties: Environmental Assessment Practitioner, project coordinator/manager
 Value of Project: ~R 240,000

Location: Coega IDZ, Eastern Cape, South Africa
 Project duration/date: December 2018 – March 2020
 Client: BAIC South Africa
 Name of Project: BAIC paintshop BA
 Project Description: Basic Assessment and co-ordination of MHI permit application for development of paintshop and associated facilities for the construction of a new automobile plant at Coega IDZ

Job Title and Duties: Value of Project:	Environmental Assessment Practitioner, project coordinator/manager ~R 500,000
Location: Project duration/date: Client: Name of Project: Project Description:	Molteno, Eastern Cape, South Africa September 2018 – March 2020 Engie Southern Africa Molteno Wind Energy Project Screening study and overseeing of pre-construction monitoring for development of two wind energy facilities near Molteno. Project terminated by client before applying for environmental authorisation.
Job Title and Duties: Value of Project:	Environmental Assessment Practitioner, project coordinator/manager ~R 400,000
Location: Project duration/date: Client: Name of Project: Project Description:	Kouga municipal area, Eastern Cape, South Africa August 2018 - 2020 Kouga Municipality Kouga cemeteries BA and Section 30A Directive application Screening study and Section 30A applications/ Basic Assessments for development of four cemeteries at various locations in the Kouga municipal area, including Water Use Authorisation Applications
Job Title and Duties: Value of Project:	Environmental Assessment Practitioner, project coordinator/manager ~ R450 000
Location: Project duration/date: Client: Name of Project: Project Description:	Middelburg, Queenstown and Van Stadens, Eastern Cape, South Africa February - September 2016 Department of Transport (EC) DoT Traffic Control Centres BA Basic Assessments and Concept layouts (x 3) for development of traffic control centres at 3 locations (draft stage only – project terminated early by client)
Job Title and Duties: Value of Project:	Environmental Assessment Practitioner, project coordinator/manager ~ R200 000
Location: Project duration/date: Client: Name of Project: Project Description:	Baviaanskloof, Eastern Cape, South Africa July 2015 – July 2016 Another Way Trust Baviaanskloof Leopard Trail BA Basic Assessment for development of hiking trail facilities
Job Title and Duties: Value of Project:	Environmental Assessment Practitioner, project coordinator/manager ~ R100 000
Location: Project duration/date: Client: Name of Project: Project Description:	Hopewell conservation area, Port Elizabeth, Eastern Cape, South Africa March 2015 – June 2015 (project terminated early by client) AfriCoast Energy Hopewell Solar PV BA Basic Assessment for 9 MW solar PV facility
Job Title and Duties: Value of Project:	Environmental Assessment Practitioner, project coordinator/manager ~ R100 000
Location: Project duration/date: Client: Name of Project: Project Description:	Alexandria area, Eastern Cape, South Africa November 2014 – August 2019 Wycombevale Broers Boerdery Wycombevale Vegetation Clearing BA and subsequent amendment Basic Assessment for clearing of agricultural land for pastures
Job Title and Duties: Value of Project:	Environmental Assessment Practitioner, project coordinator/manager ~ R200 000
Location: Project duration/date: Client: Name of Project:	Cookhouse, Eastern Cape, South Africa March 2014 – September 2015 Blue Crane Route Municipality Cookhouse WWTW Upgrade BA and WULAs

Project Description:	Basic Assessment and Section 21 c, i, f & g WULAs for upgrade of existing wastewater treatment works
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/manager
Value of Project:	~ R150 000
Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	March 2014 – June 2017
Client:	Nelson Mandela Bay Municipality
Name of Project:	Walmer Gqebera housing BA, erf 1948, and subsequent amendment and implementation support (license applications, etc.)
Project Description:	Site suitability screening, Basic Assessment and subsequent amendment thereof for transitional and permanent low cost housing development
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/manager
Value of Project:	~ R400 000
Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	April 2013 - March 2014
Client:	Airports Company of South Africa (ACSA)
Name of Project:	PE airport stormwater upgrade BA and WULA
Project Description:	Basic Assessment and water use licensing for stormwater upgrade at PE airport
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/manager
Value of Project:	~R135 000
Location:	East London, Eastern Cape, South Africa
Project duration/date:	April 2007 – August 2008
Client:	Eastern Cape Department of Roads & Transport
Name of Project:	MSA Gonubie roads upgrade BA
Project Description:	Basic Assessment and water use license applications for Gonubie roads upgrade
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator
Value of Project:	~R135 000
Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	January 2009 – July 2009
Client:	Makhetha Development Consultants (on behalf of NMBM)
Name of Project:	MDC Markman wastewater BA
Project Description:	Basic Assessment for construction of wastewater storage ponds
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator.
Value of Project:	~R70 000
Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	September 2008 – February 2009
Client:	Jacques du Plessis
Name of Project:	JDP Wells Estate Industrial Park BA
Project Description:	Basic Assessment for light industrial park
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator
Value of Project:	~R65 000
Location:	Upington, Northern Cape, South Africa
Project duration/date:	November 2009 – December 2010
Client:	Fluopro Investments (Pty) Ltd
Name of Project:	Upington 5 MW Solar Energy Plant
Project Description:	BA for the development of a 5 MW solar energy facility
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator
Value of Project:	~R120 000
Location:	Jansenville, Eastern Cape, South Africa
Project duration/date:	July 2010 - November 2010
Client:	Eonian Development (Pty) Ltd
Name of Project:	Eonian 10 MW Solar Energy Plant, Jansenville
Project Description:	BA for the construction of a 10 MW solar energy facility
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator

Value of Project:	~R55 000
Location:	Graaff-Reinet, Eastern Cape, South Africa
Project duration/date:	October 2010 – March 2011
Client:	Camdeboo Municipality
Name of Project:	Graaff-Reinet waste landfill closure BA and Licensing
Project Description:	BA for the decommissioning & rehabilitation of an existing waste landfill facility, and application for closure license.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator
Value of Project:	~ R230 000
Key Experience:	ENVIRONMENTAL MANAGEMENT PLANS, LICENSING, AUDITING & OTHER REPORT TYPES
Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	September 2017- current
Client:	Nelson Mandela Bay Municipality
Name of Project:	NMBM Emergency Drought Relief Services (numerous sub-projects)
Project Description:	Environmental support to facilitate implementation of various drought relief projects (potentially including groundwater, desalination, effluent return schemes, and construction, expansion and repairs to supporting infrastructure). Services include EMPs, ECO, license applications (e.g. WULAs), Section 30A application in support of exemption from environmental authorisation processes due to emergency conditions, and fulfilling the associated reporting requirements.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/ manager.
Value of Project:	~R4,700 000
Location:	Humansdorp, Eastern Cape, South Africa
Project duration/date:	September 2018- May 2021
Client:	Eskom
Name of Project:	Eskom Melkhout - Grassridge powerline upgrade ECO
Project Description:	Environmental Control Officer for the upgrade of a powerline between Melkhout and Grassridge substations (~40 km)
Job Title and Duties:	Project reviewer and manager.
Value of Project:	~R400,000
Location:	East London, Eastern Cape, South Africa
Project duration/date:	April 2018 – August 2018
Client:	Express Petroleum
Name of Project:	Express Petroleum fuel tanks 24G
Project Description:	Section 24G application for construction of fuel storage tanks with a combined capacity of approximately 800 m ³
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/ manager.
Value of Project:	~R70 000
Location:	Kouga, Koukamma and Ndlambe municipalities, Eastern Cape, South Africa
Project duration/date:	April 2017- June 2019
Client:	MSBA (on behalf of the EC DRPW)
Name of Project:	MSBA Causeways ECO & water quality sampling
Project Description:	Environmental Control Officer and post-authorisation submissions to authorities for repairs to river crossings on the Kap, Kromme, Sand and Kariega rivers.
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/ manager.
Value of Project:	~R600 000
Location:	Graaff Reinet, Eastern Cape, South Africa
Project duration/date:	June 2017- 2019
Client:	Richardt van Rensburg Inc.
Name of Project:	Irhafu Sand Mining Appeal
Project Description:	Review in support of appeal against authorisation for sand mining in the Sundays River floodplain
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/ manager.

Value of Project:	~R50 000
Location:	Humansdorp, Eastern Cape, South Africa
Project duration/date:	June 2015- September 2019
Client:	Lex Gutsche Investment Trust
Name of Project:	RNA Aerodrome 24G Application
Project Description:	24G process for construction of an airstrip and associated infrastructure
Job Title and Duties:	Environmental Assessment Practitioner, project coordinator/ manager
Value of Project:	~R130 000
Location:	Motherwell canal, Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	June - October 2015 (Phase 1) & 2016 (Phase 2)
Client:	Nelson Mandela Bay Municipality
Name of Project:	Motherwell constructed wetland maintenance ECO (Phase 1 & 2)
Project Description:	Compilation of EMP and ECO function for maintenance and repairs to constructed wetland as part of a water quality improvement project at the Mother stormwater canal
Job Title and Duties:	Environmental Assessment Practitioner; Environmental Control Officer.
Value of Project:	~R50 000
Location:	Deal Party, Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	May 2008
Client:	Reclamation Group
Name of Project:	Reclamation Group Phase 1 Environmental Due-diligence
Project Description:	Phase 1 environmental due diligence site audit and reporting on environmental compliance aspects of recycling facilities
Job Title and Duties:	Environmental Assessment Practitioner
Value of Project:	~R30 000
Location:	Transnet facilities in Port Elizabeth and Uitenhage, Eastern Cape, South Africa
Project duration/date:	February – March 2014
Client:	KPMG
Name of Project:	KPMG Transnet absorbent mat due diligence audit
Project Description:	Audit of the effectiveness and adherence to SOPs at various Transnet Engineering facilities with regard to environmental aspects.
Job Title and Duties:	Environmental Assessment Practitioner, project co-ordinator.
Value of Project:	~R30 000
Location:	Kuyga township, Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	March 2014- January 2016
Client:	Aecom (on behalf of NMBM)
Name of Project:	Aecom Kuyga sewers ECO
Project Description:	ECO function for construction of the upgrade of sewers and construction of a pumpstation in Kuyga township
Job Title and Duties:	Environmental Control Officer and project co-ordinator/ manager.
Value of Project:	~R60 000
Location:	Graaff Reinet area, Eastern Cape, South Africa
Project duration/date:	April 2013 – March 2014
Client:	Department of Roads and Public Works (Eastern Cape)
Name of Project:	Camdeboo Borrow Pits licensing and EMP
Project Description:	License application for re-development of seven existing borrow pits in the Camdeboo district municipal area.
Job Title and Duties:	Environmental Assessment Practitioner, project co-ordinator/ manager.
Value of Project:	~R500 000

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/date: January 2012 – June 2014
 Client: MSBA (on behalf of DRPW)
 Name of Project: R102 maintenance vegetation clearing
 Project Description: EMP and ECO function for the clearing and management of vegetation in the road reserve, including relevant permits, for a road maintenance contract
 Job Title and Duties: Environmental Control Officer and project co-ordinator/ manager.
 Value of Project: ~R250 000

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/date: July 2014 – May 2015
 Client: Engen / Orion Engineered Carbons
 Name of Project: Orion PE Harbour Black Oil pipeline EMP
 Project Description: EMP and ECO function for TNPA approval for Black Oil pipeline replacement in Port Elizabeth harbour
 Job Title and Duties: Environmental Control Officer and project co-ordinator/ manager.
 Value of Project: ~R35 000

Location: Tsolo, Eastern Cape, South Africa
 Project duration/date: 2013 – 2014
 Client: Uhambiso Consult
 Name of Project: Tsolo WWTW Water Use License Application
 Project Description: Water quality management report and water use license application for the Tsolo waste water treatment works.
 Job Title and Duties: Environmental Control Officer and project co-ordinator/ manager.
 Value of Project: ~R45 000

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/date: November 2013 – February 2014
 Client: Engen / Orion Engineered Carbons
 Name of Project: Orion PE Harbour pipeline EMP
 Project Description: EMP and ECO function for TNPA approval for HFO pipeline refurbishment
 Job Title and Duties: Environmental Control Officer and project co-ordinator.
 Value of Project: ~R30 000

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/date: May – October 2013
 Client: Shell (Pty) Ltd
 Name of Project: Shell PE harbour trenches
 Project Description: Provision of environmental advice and compilation of EMP for TNPA approval for installation of product recovery trenches at Shell's lease area the PE harbour.
 Job Title and Duties: Environmental Assessment Practitioner, project co-ordinator.
 Value of Project: ~R30,000

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/date: March 2012 – 2016
 Client: Nelson Mandela Bay Municipality
 Name of Project: Nooitgedacht / Coega Low Level Water Supply Scheme
 Project Description: ECO for construction of a bulk water supply pipeline and associated infrastructure (including reservoirs and water treatment works)
 Job Title and Duties: Environmental Control Officer, project co-ordinator.
 Value of Project: ~R2,300 000

Location: Port Elizabeth, Eastern Cape, South Africa
 Project duration/date: July 2012 – January 2016
 Client: Metrowind
 Name of Project: Metrowind van Stadens wind farm
 Project Description: ECO for construction of a 27 MW wind farm and associated infrastructure.
 Job Title and Duties: Environmental Control Officer, project co-ordinator.
 Value of Project: ~R1,590 000

Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	August 2009 – March 2011
Client:	Nelson Mandela Bay Municipality
Name of Project:	Churchill Pipeline Upgrade
Project Description:	ECO for upgrade of Churchill pipeline and construction of booster pump station
Job Title and Duties:	Environmental Control Officer, project co-ordinator.
Value of Project:	~R200 000

Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	April 2008 – September 2008
Client:	Nelson Mandela Bay Municipality
Name of Project:	NMBM Moffett Dam
Project Description:	Compilation of EMP and ECO duties for repairs to dam wall
Job Title and Duties:	Environmental Control Officer, project co-ordinator.
Value of Project:	~R300 000

Location:	Herbertsdale, Western Cape, South Africa
Project duration/date:	May 2008 – September 2009
Client:	KFD Wilkinson Engineers (on behalf of DRPW)
Name of Project:	KFDW Herbertsdale culverts ECO
Project Description:	ECO overseeing repairs to damaged river crossings and culverts resulting from previous floods
Job Title and Duties:	Environmental Control Officer, project co-ordinator.
Value of Project:	~R145 000

Location:	King Williams Town, Eastern Cape, South Africa
Project duration/date:	August 2008
Client:	Chevron South Africa
Name of Project:	Chevron King Williams Town EMP
Project Description:	Environmental Management Plan for re-opening of service station (for approval by DME)
Job Title and Duties:	Environmental Assessment Practitioner, project co-ordinator
Value of Project:	~R12 000

Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	November 2010 – December 2010
Client:	Nelson Mandela Bay Municipality
Name of Project:	Heugh Road Upgrade EMP
Project Description:	EMP for widening and upgrading of Heugh Road.
Job Title and Duties:	Project reviewer.
Value of Project:	~R67 000

Location:	Port Elizabeth, Eastern Cape, South Africa
Project duration/date:	October 2010 – December 2010
Client:	Eris Property Group
Name of Project:	Construction of First National Bank Newton Park Building
Project Description:	EMP and ECO for construction
Job Title and Duties:	Project reviewer.
Value of Project:	~R11 000

APPENDIX 17

SCREENING TOOL REPORT



Province of the
EASTERN CAPE
ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS & TOURISM

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION AS
REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED DEVELOPMENT
FOOTPRINT ENVIRONMENTAL SENSITIVITY**

EIA Reference number:

Project name: Easigas Sidwell LPG BA

Project title: Proposed increased storage capacity of Easigas LPG storage facility in Sidwell,
Gqeberha

Date screening report generated: 29/10/2021 16:28:44

Applicant: Easigas

Compiler: N Rump

Compiler signature:

.....

Application Category: Infrastructure | Localised infrastructure | Storage | Dangerous
Goods | Hydrocarbon | Gas

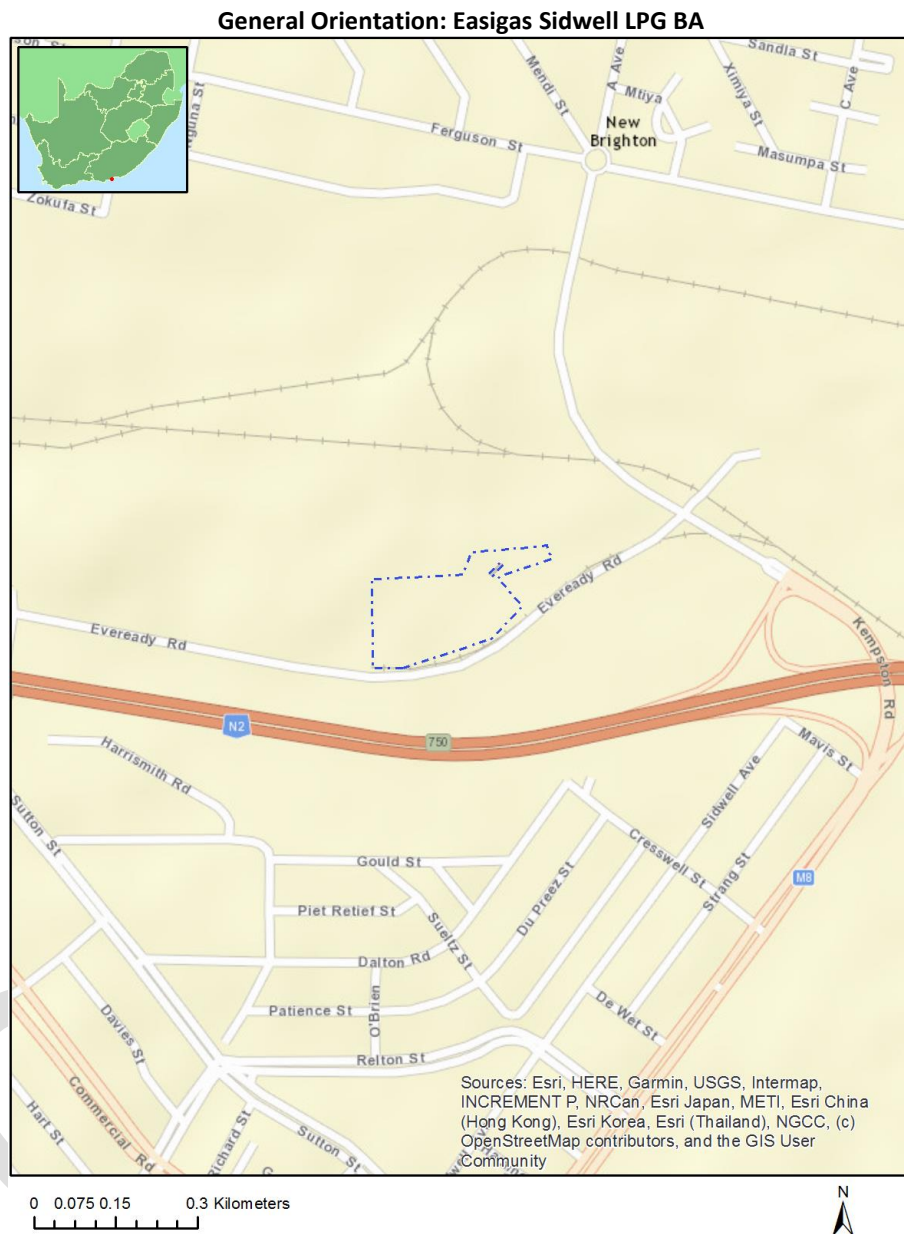


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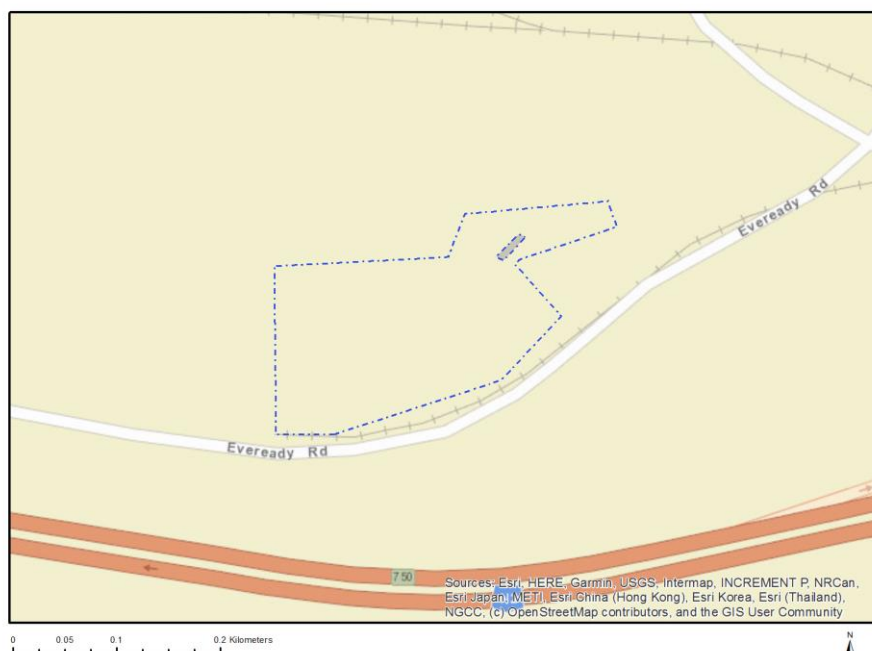
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Proposed Project Location

Orientation map 1: General location



Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No intersection with any properties found.

Development footprint¹ vertices:

Footprint	Latitude	Longitude
1	33°54'43.88S	25°35'46.76E
1	33°54'43.92S	25°35'46.94E
1	33°54'43.98S	25°35'46.94E
1	33°54'44.56S	25°35'46.3E
1	33°54'44.46S	25°35'46.07E
1	33°54'43.88S	25°35'46.76E

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	12/12/20/2449	Solar PV	Approved	24.6

¹ "development footprint", means the area within the site on which the development will take place and includes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development footprint as well as the most environmental sensitive features on the footprint based on the footprint sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

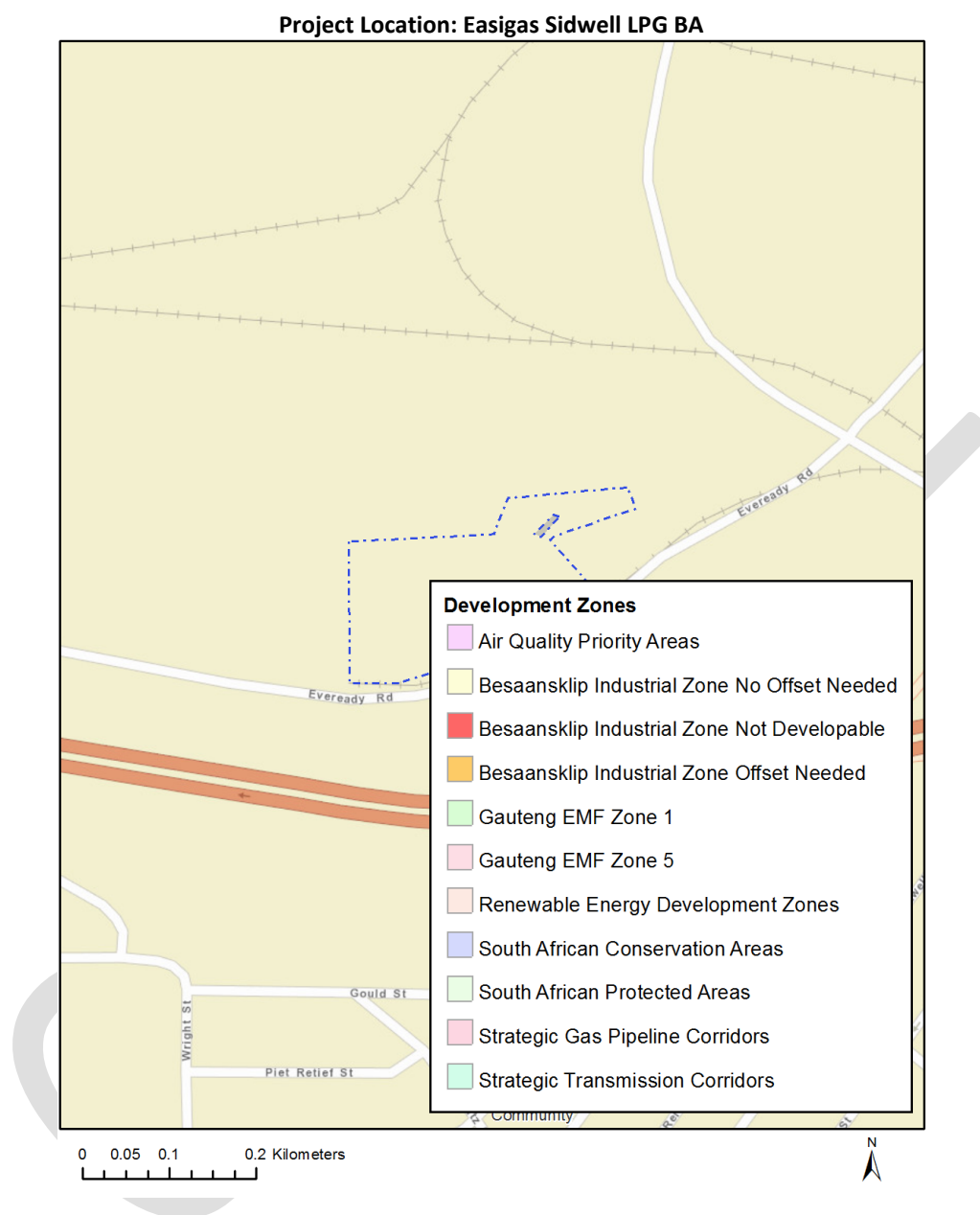
Infrastructure | Localised infrastructure | Storage | Dangerous Goods | Hydrocarbon | Gas.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this footprint are indicated below.

No intersection with any development zones found.

Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones



Proposed Development Area Environmental Sensitivity

The following summary of the development footprint environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme	X			
Animal Species Theme		X		

Aquatic Biodiversity Theme	X			
Archaeological and Cultural Heritage Theme				X
Defence Theme	X			
Paleontology Theme			X	
Plant Species Theme			X	
Terrestrial Biodiversity Theme				X

Specialist assessments identified

Based on the selected classification, and the environmental sensitivities of the proposed development footprint, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the footprint situation.

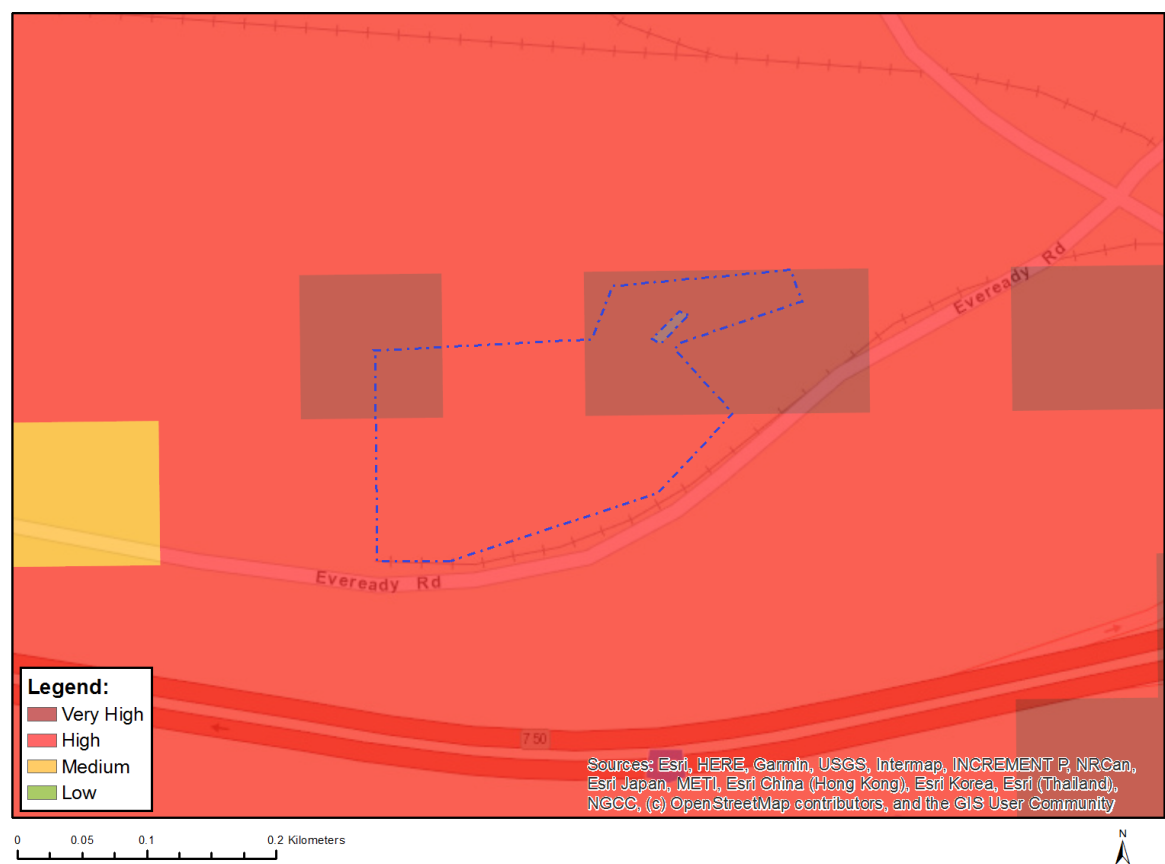
N o	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Paleontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
6	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf

7	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Noise_Impacts_Assessment_Protocol.pdf
8	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
9	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
10	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
11	Ambient Air Quality Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
12	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
13	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed footprint for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

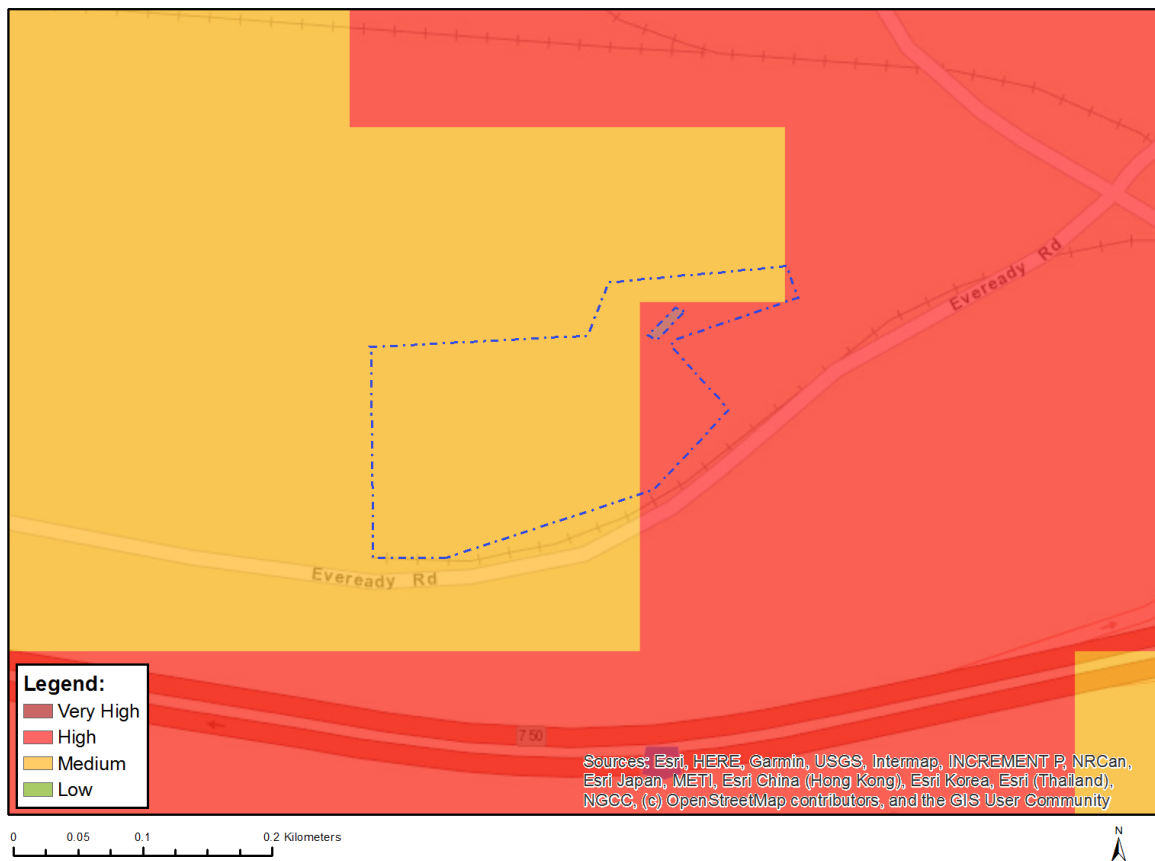


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Land capability;11. High/12. High-Very high/13. High-Very high/14. Very high/15. Very high

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



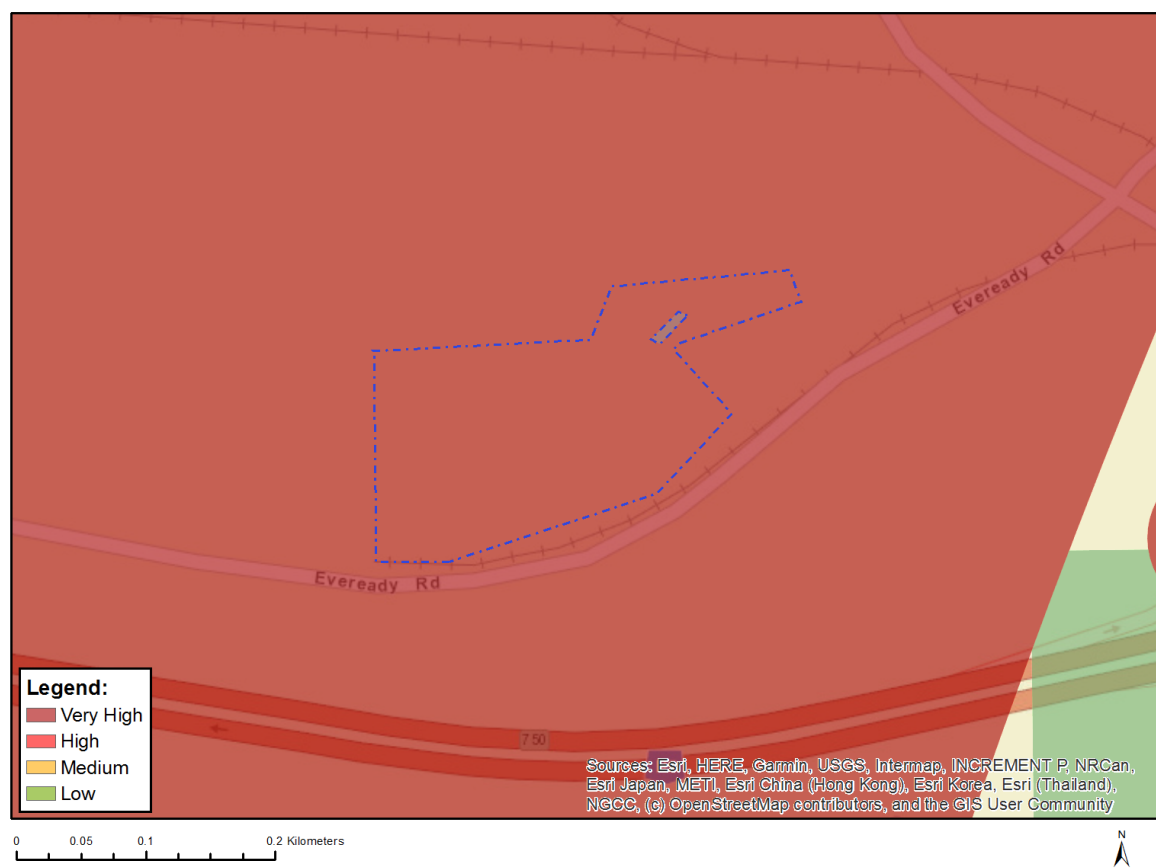
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Aves-Circus ranivorus
Medium	Invertebrate-Aneuryphymus montanus
Medium	Aves-Neotis denhami
Medium	Mammalia-Chlorotalpa duthieae
Medium	Sensitive species 7

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

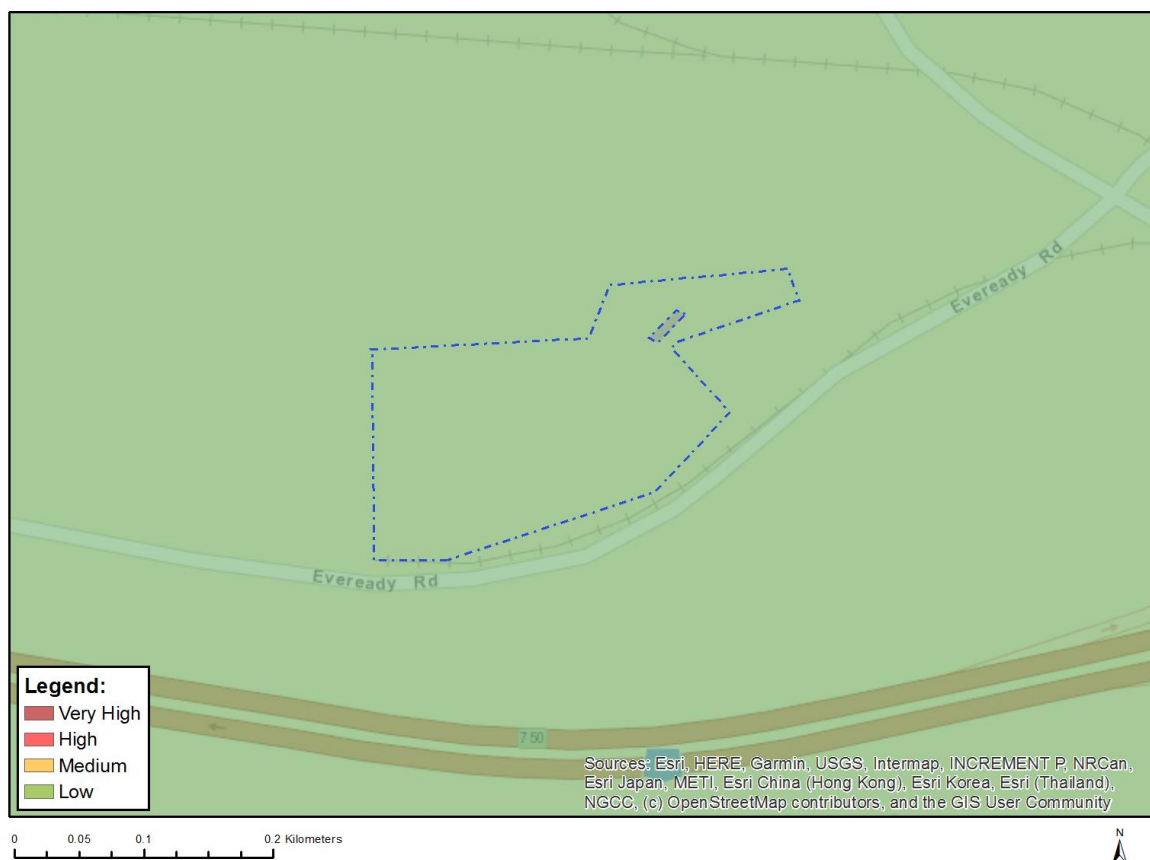


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Strategic water source area

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

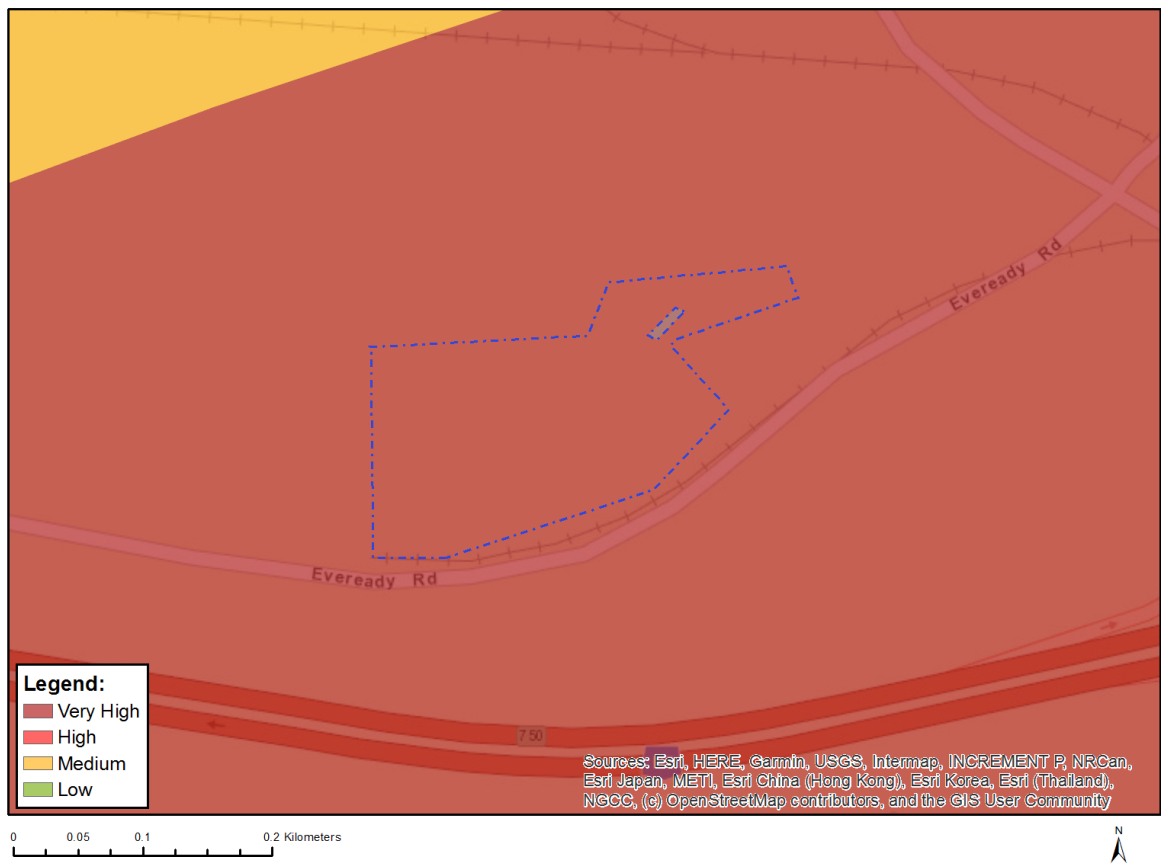


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

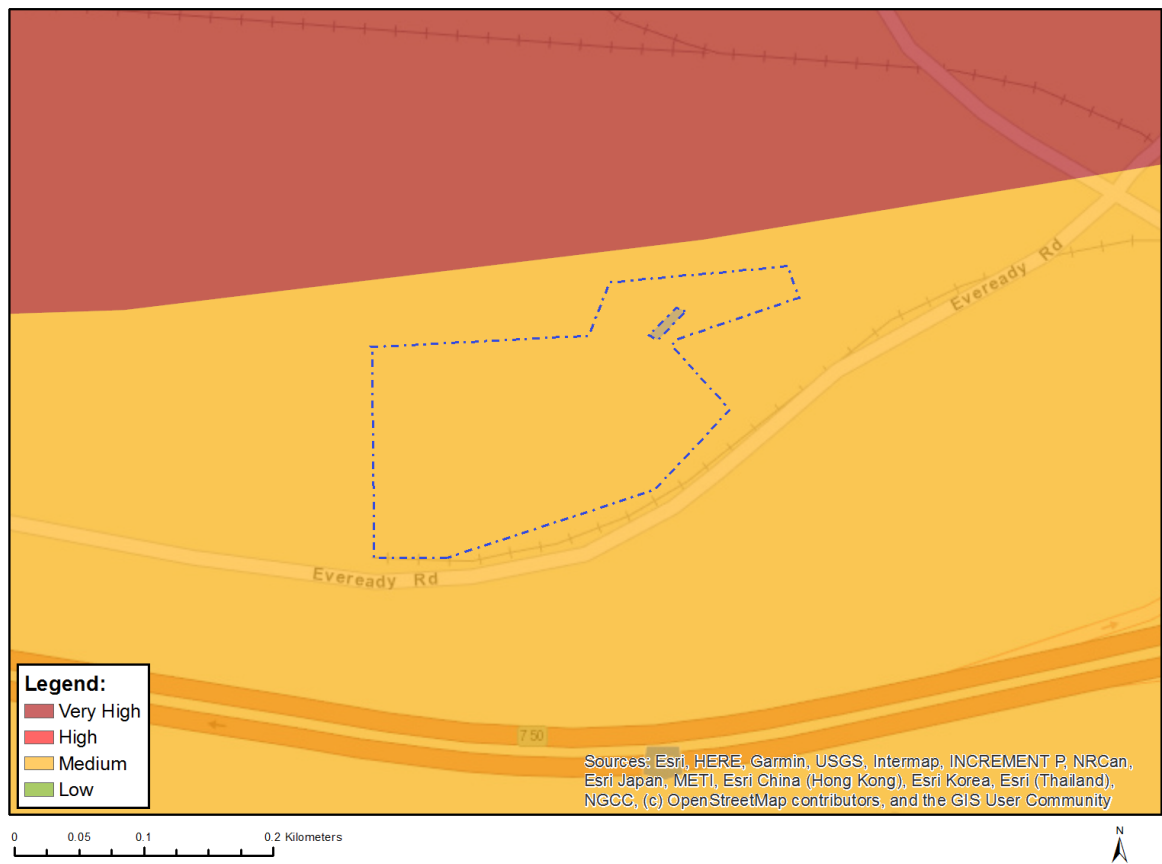


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Military and Defence Site

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

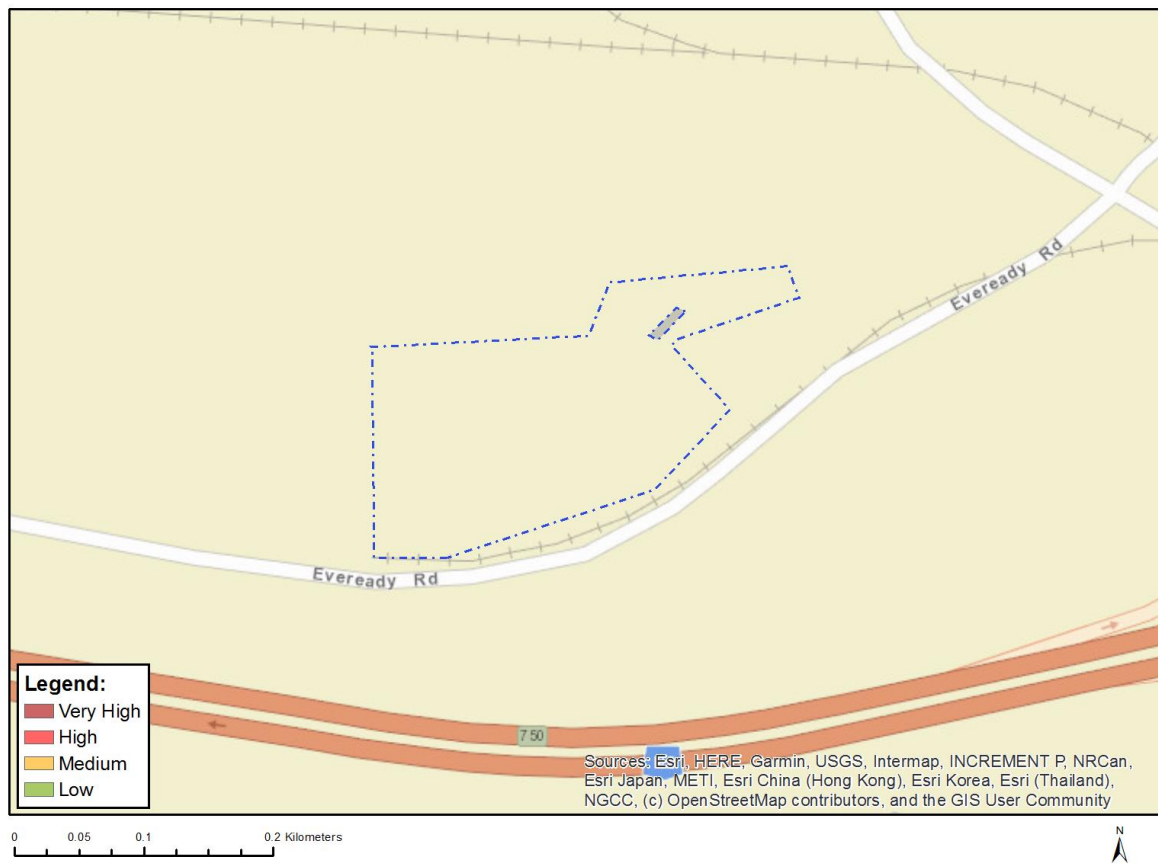


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Features with a Medium paleontological sensitivity

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



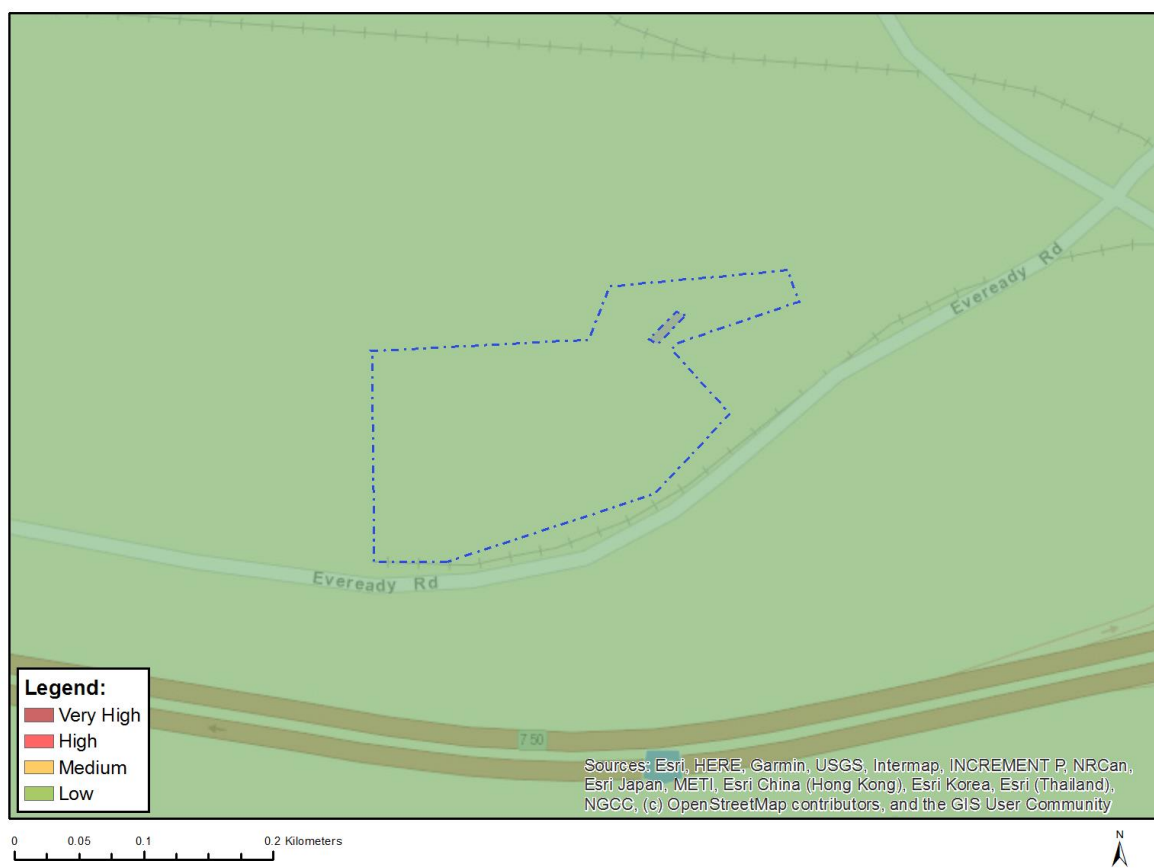
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Rhombophyllum rhomboideum
Medium	Sensitive species 1235
Medium	Selago polycephala
Medium	Sensitive species 570
Medium	Sensitive species 91
Medium	Justicia orchioides subsp. orchioides
Medium	Corpuscularia lehmannii
Medium	Syringodea flanaganii
Medium	Sensitive species 19

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

APPENDIX 18

PROOF OF PAYMENT



Province of the
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ENVIRONMENTAL AFFAIRS & TOURISM



NOTIFICATION OF PAYMENT

To Whom It May Concern:

First National Bank hereby confirms that the following payment instruction has been received:

Date Actioned	: 2021/11/18
Time Actioned	: 08:34:39
Trace ID	: PY8QN6XH

Payer Details

Payment From	: Miss Nicola Rump - 60342511115
Cur/Amount	: ZAR2,000.00

Payee Details

Recipient/Account No	: . . 215145
Name	: Department Of Econom
Bank	: ABSA Bank
Branch Code	: 632005
Reference	: Sb/ba/srk

END OF NOTIFICATION

To authenticate this Payment Notification, please visit the First National Bank website at fnb.co.za, select the "Verify Payments" link and follow the on-screen instructions.

Our customer (the payer) has requested First National Bank Limited to send this notification of payment to you. Should you have any queries regarding the contents of this notice, please contact the payer. First National Bank Limited does not guarantee or warrant the accuracy and integrity of the information and data transmitted electronically and we accept no liability whatsoever for any loss, expense, claim or damage, whether direct, indirect or consequential, arising from the transmission of the information and data.
