

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

EIA Reference number:

Project name: BULWER CEMETERY

Project title: BULWER CEMETERY

Date screening report generated: 06/03/2022 22:51:27

Applicant: Dr. NDZ LOCAL MUNICIPALITY

Compiler: HEBERT NEMATO

Compiler signature: 

Application Category: Services|Burial and cemeteries|Cemeteries

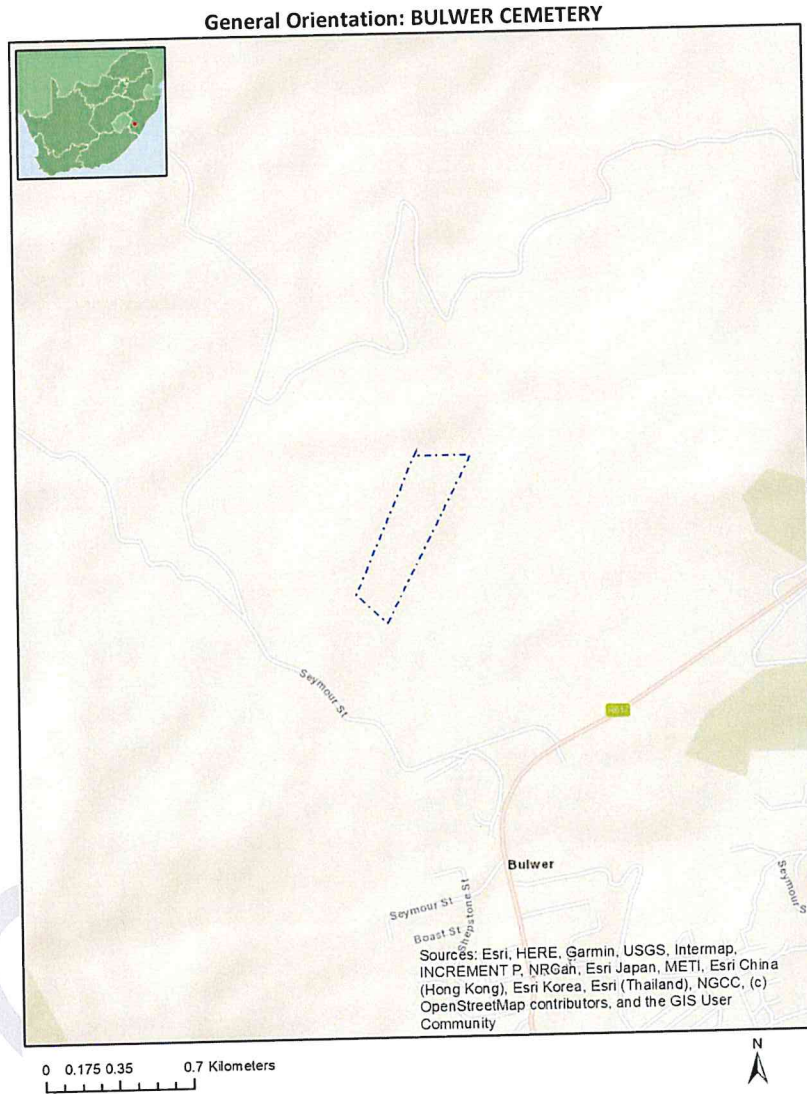
OFFICIAL

Table of Contents

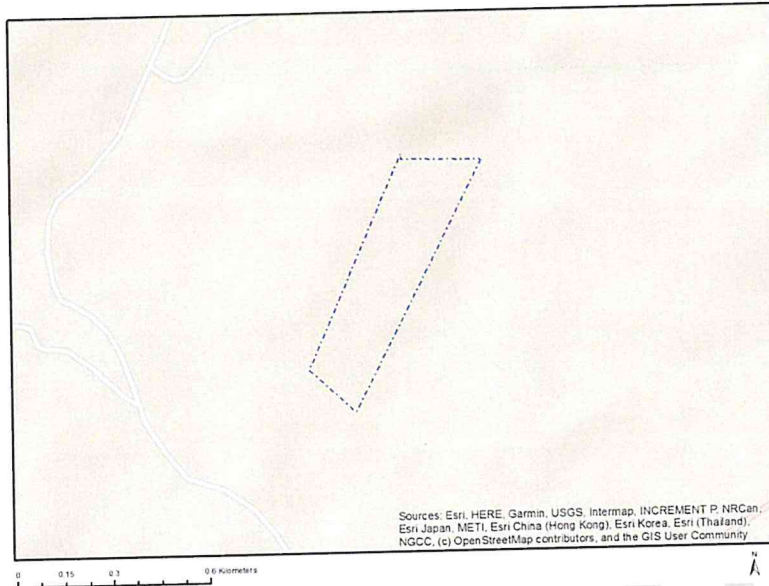
Proposed Project Location	3
Orientation map 1: General location	3
Map of proposed site and relevant area(s)	4
Cadastral details of the proposed site	4
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area	4
Environmental Management Frameworks relevant to the application	4
Environmental screening results and assessment outcomes	5
Relevant development incentives, restrictions, exclusions or prohibitions	5
Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones.....	6
Proposed Development Area Environmental Sensitivity.....	6
Specialist assessments identified.....	7
Results of the environmental sensitivity of the proposed area	9
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY	9
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY.....	10
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	11
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY	12
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY	13
MAP OF RELATIVE DEFENCE THEME SENSITIVITY.....	14
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	15
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	16
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY	17

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	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1	BULWER	191	0	29°47'56.92S	29°45'43.34E	Erven

Development footprint¹ vertices:
No development footprint(s) specified.

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

No nearby wind or solar developments found.

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

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 screening results and assessment outcomes

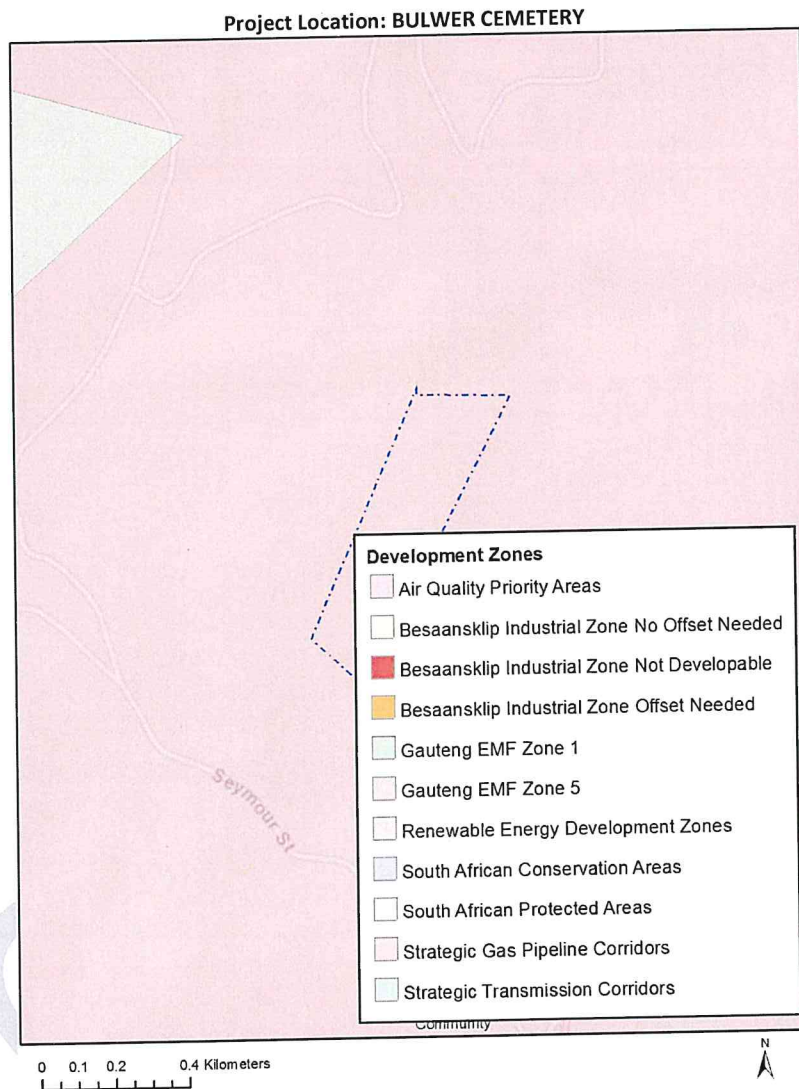
The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification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

Relevant development incentives, restrictions, exclusions or prohibitions

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

Incentive, restriction or prohibition	Implication
Strategic Gas Pipeline Corridors- Phase 7: Coega to Richards Bay	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.pdf

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 site 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
Civil Aviation 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 site 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	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
3	Palaontology 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	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
8	Geotechnical	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols

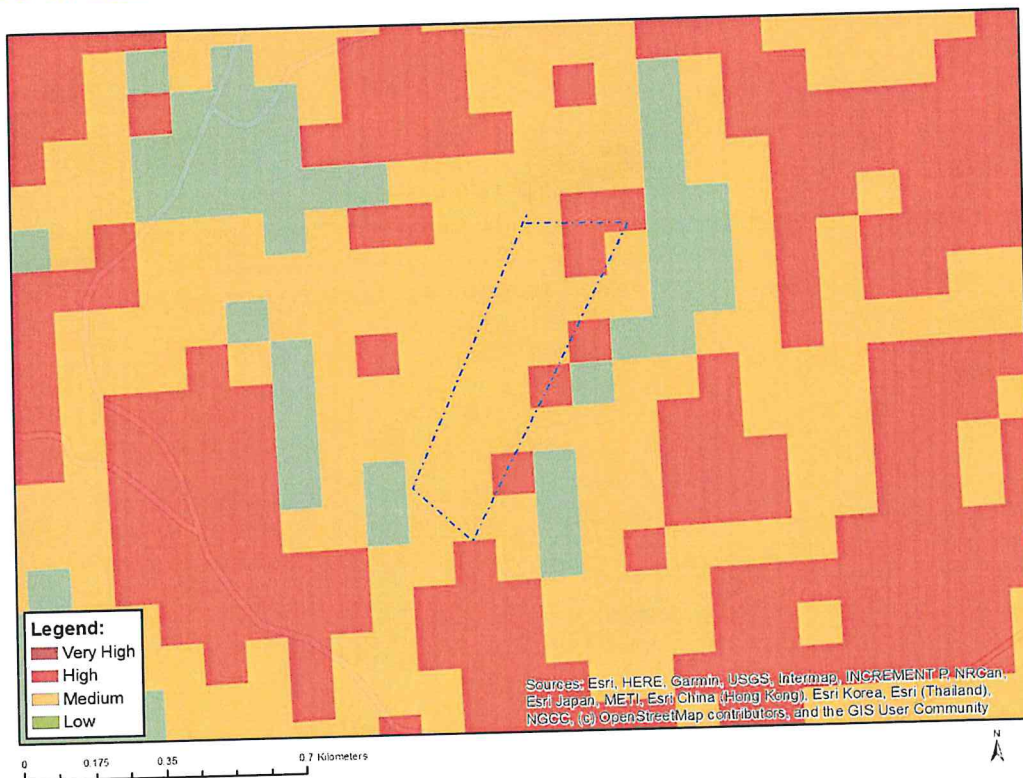
	Assessment	/Gazetted General Requirement Assessment Protocols.pdf
9	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
10	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Plant Species Assessment Protocols.pdf
11	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Animal Species Assessment Protocols.pdf

OFFICIAL

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site 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

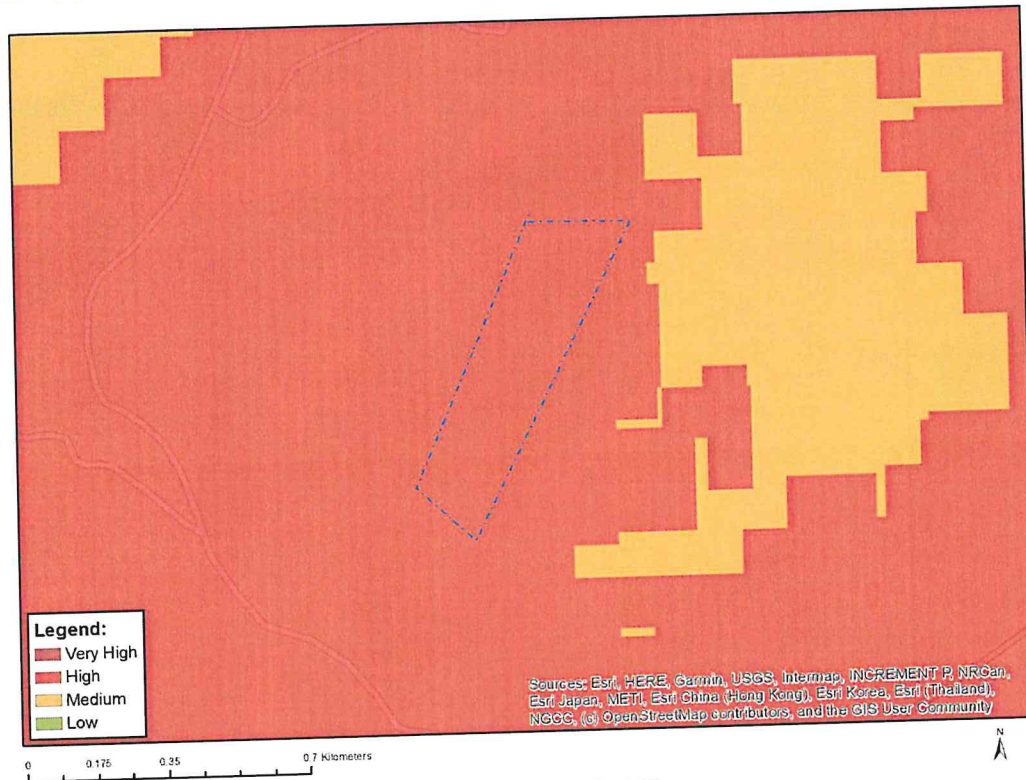


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Land capability;09. Moderate-High/10. Moderate-High
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

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.

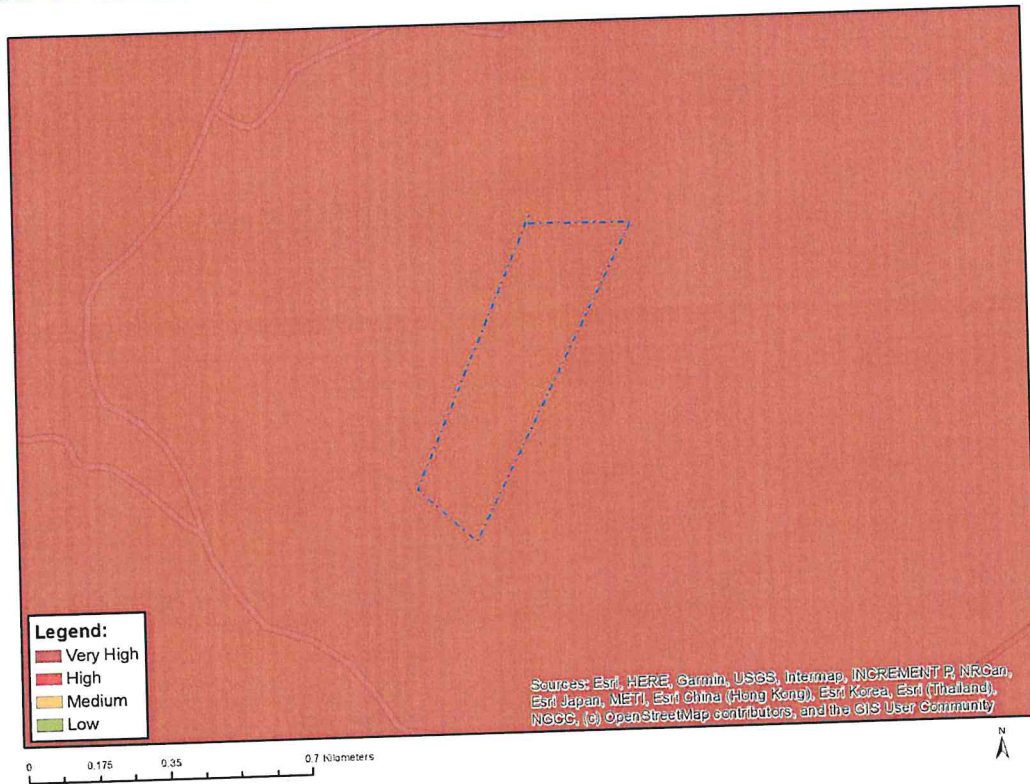
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Aves-Geronticus calvus
High	Aves-Sylvia nigricapillus
High	Sensitive species 3
Medium	Amphibia-Leptopelis xenodactylus
Medium	Aves-Hirundo atrocaerulea
Medium	Sensitive species 2
Medium	Aves-Sagittarius serpentarius
Medium	Aves-Tyto capensis
Medium	Aves-Neotis denhami
Medium	Insecta-Capys penningtoni
Medium	Mammalia-Cercopithecus albogularis labiatus
Medium	Mammalia-Chrysospalax villosus
Medium	Mammalia-Dendrohyrax arboreus

Medium	Mammalia-Hydrictis maculicollis
Medium	Mammalia-Ourebia ourebi ourebi
Medium	Sensitive species 7
Medium	Reptilia-Bradyrodion thamnobates

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

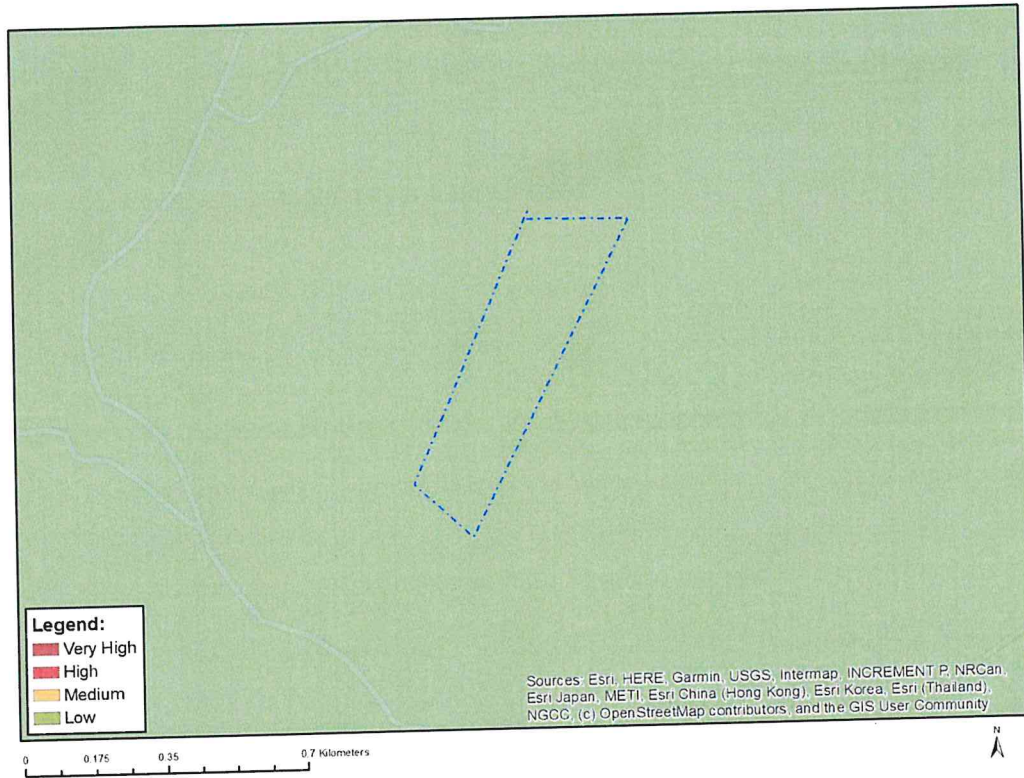


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Strategic water source area
Very High	Freshwater ecosystem priority area quinary catchments

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

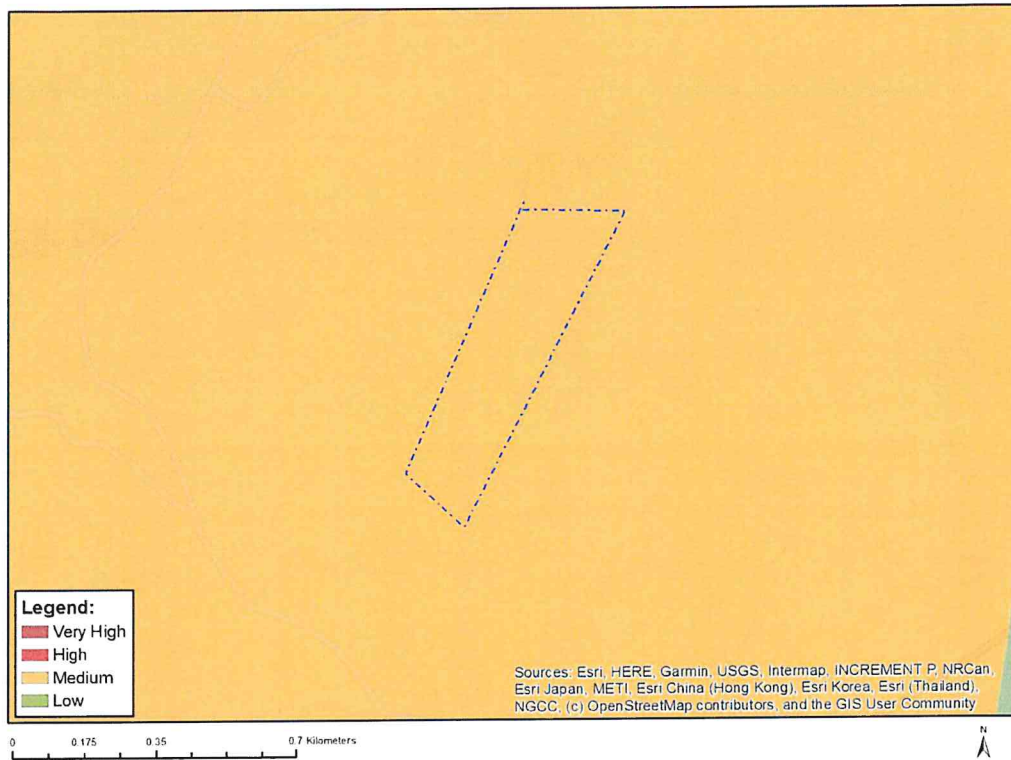


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

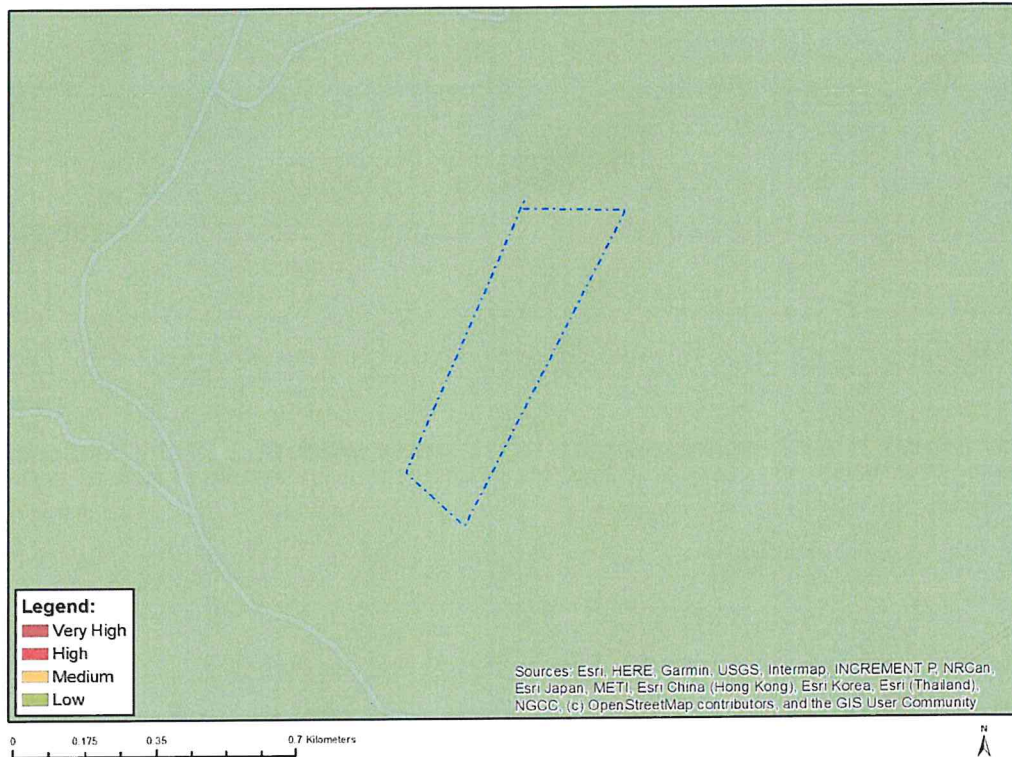


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Between 8 and 15 km of other civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

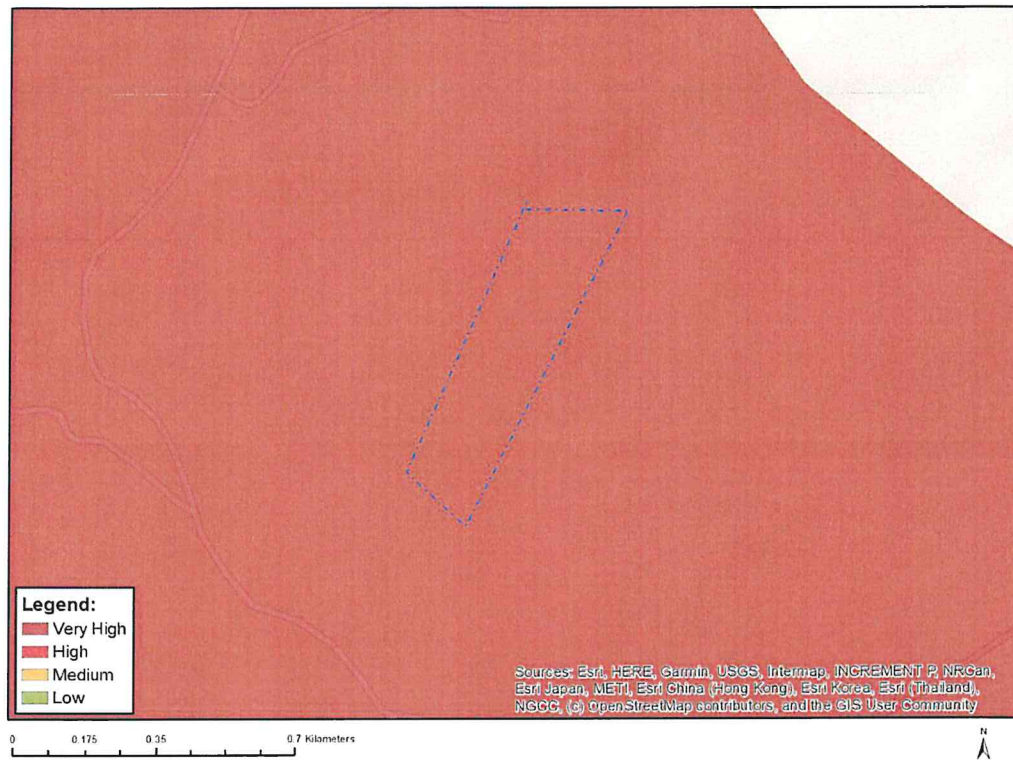


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

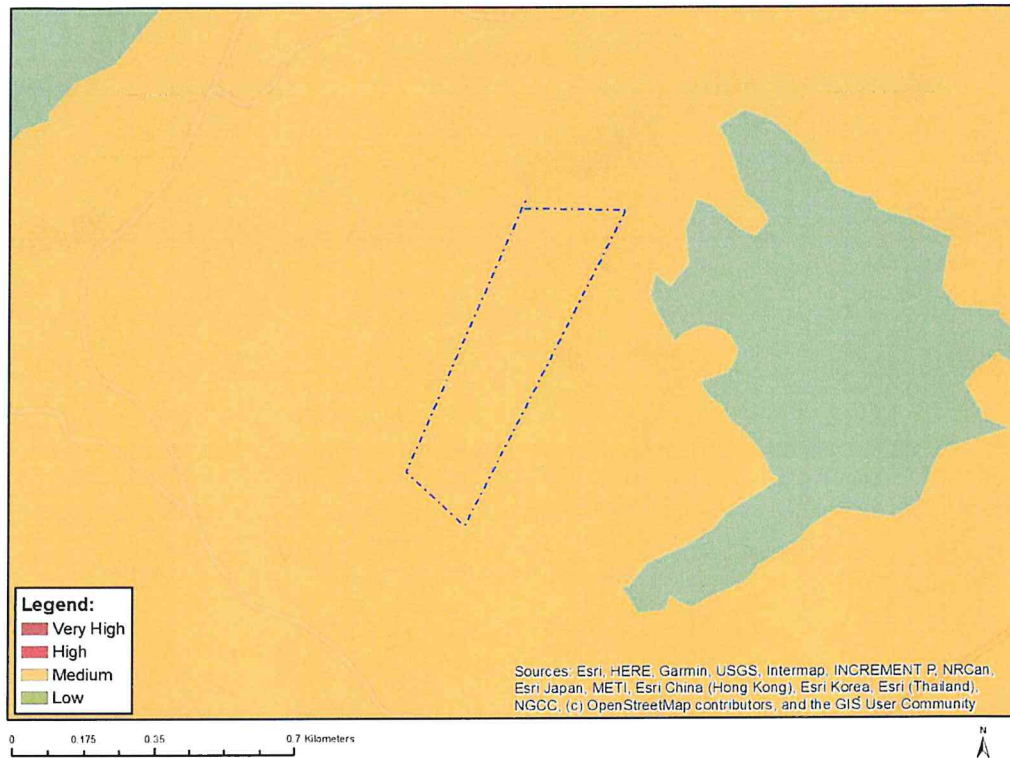


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Features with a Very High 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.

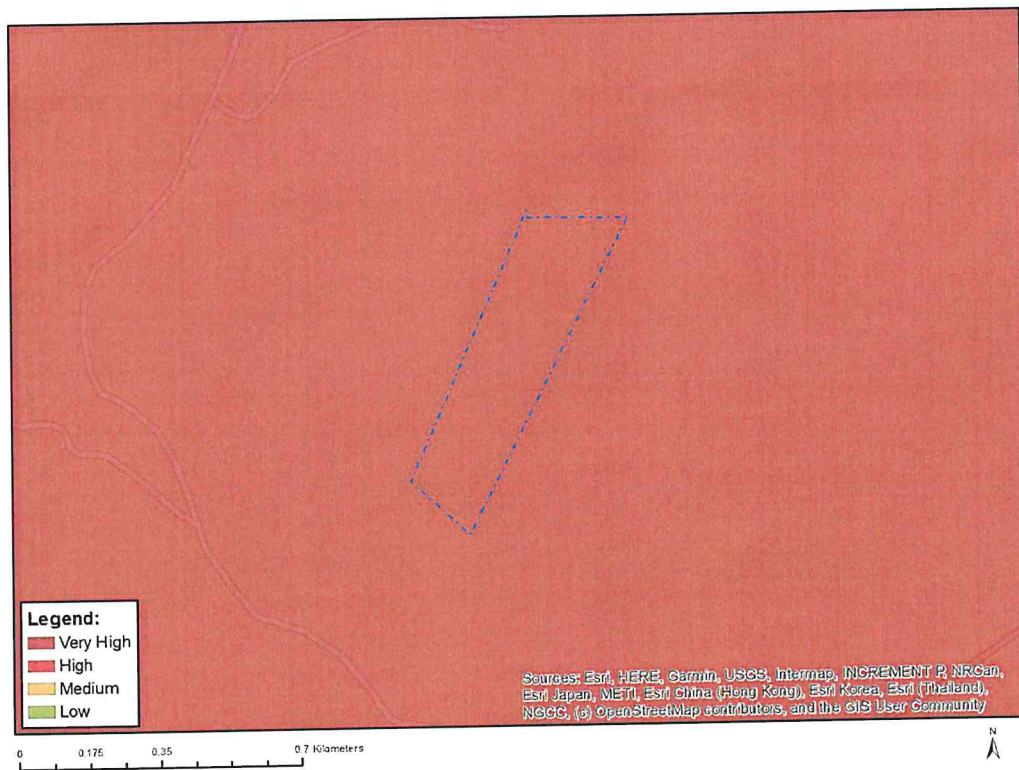
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Ocotea bullata
Medium	Sensitive species 1252
Medium	Lotononis virgata
Medium	Sensitive species 712
Medium	Geranium natalense
Medium	Sensitive species 357
Medium	Sensitive species 606
Medium	Sensitive species 328
Medium	Asclepias concinna
Medium	Schizoglossum bidens subsp. hirtum
Medium	Osteospermum attenuatum
Medium	Sensitive species 1076
Medium	Sensitive species 996

Medium	Erica cooperi var. cooperi
Medium	Gymnosporia devenishii
Medium	Sensitive species 609
Medium	Sensitive species 1083
Medium	Sensitive species 1251
Medium	Sensitive species 535
Medium	Sisyranthus fanniniae
Medium	Sensitive species 441
Medium	Senecio dregeanus
Medium	Sensitive species 1248
Medium	Thunbergia venosa
Medium	Prunus africana

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	FEPA Subcatchments
Very High	Strategic Water Source Areas



KWAZULU-NATAL PROVINCE

ECONOMIC DEVELOPMENT, TOURISM
AND ENVIRONMENTAL AFFAIRS
REPUBLIC OF SOUTH AFRICA

DIRECTORATE: ENVIRONMENTAL SERVICES

139a Maragaret Street
Trigon Place
Ixopo
3276
www.kznded.gov.za

Programme: Environmental Services
Enquiries: Ms Ntoyonke Dlamini
Cell: 060 963 9101
Email: Ntoyonke.Dlamini@kznedtea.gov.za
Reference: DC43/TK/0004/2022

Sino Hydro Consultant (Pty)Ltd
No 49 Peter Kirchhoff (Chapel Str)
Pietermaritzburg
3201

Attention : Mr. Hebert Nemato
Tel no : 076 262 9420
Email : info@amathongagroup.co.za

Dear Sir

RE: DC43/TK/0004/2022: THE RESPONSE TO QUERY REGARDING THE PROPOSED DEVELOPMENT OF A CEMETERY IN BULWER, DR NKOSAZANA DLAMINI ZUMA LOCAL MUNICIPALITY WITHIN THE HARRY GWALA DISTRICT, DC 43.

Your enquiry submitted electronically on 10 March 2022 to the Department of Economic Development Tourism and Environmental Affairs (hereafter referred to as "the Department") has reference.

1. Based on the information provided, it is understood by the Department that the following is proposed:
 - 1.1 The applicant intends to develop a Cemetery.
 - 1.2 The cemetery covers 10 Ha of land.
 - 1.3 The cemetery is proposed on virgin land, It is characterized of indigenous grass.
 - 1.4 Works will include fencing, access route, ablution facilities and gate house.
 - 1.5 There is a stream approximately 100 m away from the proposed site

2. Based on the information provided by Mr. Hebert Nemato of Sino Hydro Consultants on behalf of the Dr. Nkosazane Dlamini Zuma Local Municipality, the Department is of the opinion that the development triggers listed activities in terms of the EIA Regulations, 2014 as amended and therefore environmental approval in terms of section 24 of the National Environmental Management Act (No. 107 of 1998) (NEMA) is required.



KWAZULU-NATAL PROVINCE

ECONOMIC DEVELOPMENT, TOURISM
AND ENVIRONMENTAL AFFAIRS
REPUBLIC OF SOUTH AFRICA

- 2.1 Activity 23 of listed notice 1: *The development of cemeteries of 2 500 square metres or more in size.*
- 2.2 Activity 27 of listed notice 1: *The clearance of an area of 1 hectares or more, but less than 20 hectares of indigenous vegetation, except where such clearance of indigenous vegetation is required for—*
- (i) the undertaking of a linear activity; or*
 - (ii) maintenance purposes undertaken in accordance with a maintenance management plan.*
3. The regulations require the applicant to appoint an Environmental Assessment Practitioner (EAP) who will comply with the regulation on behalf of the applicant. The applicant must provide the environmental assessment team and specifically the EAP, with a detailed precise statement of the purpose and need for the proposed activity, as well as information that will allow the EAP to determine the appropriate level of the environmental impact assessment.
4. The applicant must take all reasonable steps to verify whether the EAP to be appointed complies with regulation 17(a) and (b). The applicant must also provide the EAP with access to all information at the disposal of the applicant regarding the application, whether or not such information is favorable to the applicant.
5. A person convicted of an offence in terms of subsection (2) is liable to a fine not exceeding five (10) million or to imprisonment for a period not exceeding ten (10) years, or to both such fine and such imprisonment.
6. Please note that this correspondence does not negate the need to comply with any other applicable legislative requirement from any other competent authorities.
7. Please do not hesitate to contact this Department, should you have any queries regarding this correspondence.

Yours faithfully

For **Mr. N. Nkontwana**
Head of Department
Department of Economic Development, Tourism and Environmental Affairs
Signed on behalf of the Head of Department: Ms. Ntoyonke Dlamini
Designation: Control Environmental Officer: Environmental Impact Assessment (Harry Gwala District)
Date: 04 April 2022



KWAZULU-NATAL PROVINCE

ECONOMIC DEVELOPMENT, TOURISM
AND ENVIRONMENTAL AFFAIRS
REPUBLIC OF SOUTH AFRICA

DIRECTORATE: ENVIRONMENTAL SERVICES

139a Maragaret Street

Ixopo

3276

www.kznded.gov.za

Programme: Environmental Services

Enquiries: Ms Ntoyonke Dlamini

Cellphone: 060 963 9101

Email: Ntoyonke.Dlamini@kznedtea@gov.za

Reference: DC43/0017/2021

SinoHydro Consultant (Pty)Ltd

No 49 Peter Kertch hoff(Chapel Str)

Office no. 105/106/119

Pietermaritzburg

3201

Attention : Hebert Nemato
Tel no : 033 940 9635
Cell no : 073 629 2617
Email : info@amathongagroup.co.za

Dear Sir

DC43/0003/2022: COMMENTS FOR THE DRAFT BASIC ASSESSMENT REPORT FOR THE PROPOSED DEVELOPMENT OF A CEMETERY IN BULWER IN DR NKOSAZANA DLAMINI ZUMA LOCAL MUNICIPALITY WITHI HARRY GWALA DISTRICT.

The Department has reviewed the Draft Basic Assessment report for the proposed development of the Bulwer cemetery and requests the following issues to be addressed.

1. The Draft Basic Assessment Report (DBAR) does not explain the selected listed activities and the applicability to the proposed development.
2. The details of the preferred site must include the surveyor general digits code.
3. The DBAR must include a proper layout plan and design of the cemetery, locality map with a Title legend, north arrow and a scale bar.
4. The EAP is required to consult the Department of Water and Sanitation as the project may be within 500 meters from the watercourse.
5. The screening tool indicated high sensitivity in Aquatic Biodiversity, aspect the EAP is requested to motivate or provide clarity for not conducting the assessment.
6. Adjacent to the proposed cemetery there will be a landfill site, the EAP must consult with relevant Interested and Affected Parties to ensure that the cemetery is within an area that is dignified.
7. Based on the layout plan there is a watercourse adjacent to the proposed site, the Department recommends that a buffer be implemented and must be depicted on the layout plan.
8. The DBAR has included 'draft' specialist reports that may insinuate that the studies are incomplete. The Department requests the EAP to include finalized specialist report in the Final Basic Assessment Report.



KWAZULU-NATAL PROVINCE

ECONOMIC DEVELOPMENT, TOURISM
AND ENVIRONMENTAL AFFAIRS
REPUBLIC OF SOUTH AFRICA

9. Please do not hesitate to contact this Department, should you have any queries regarding this correspondence.

Yours faithfully

Mr. N. Nkontwana

Head of Department:

KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs

Signed on behalf of the Head of Department by: Ms. Ntoyonke Dlamini

Designation: Control Environmental Officer: Environmental Services - Harry Gwala District

Date: 27 July 2022