



BACKGROUND INFORMATION DOCUMENT

THE PROPOSED DOKODWENI BEACH RECREATIONAL AND ASSOCIATED FACILITIES AND REHABILITATION OF GRAVEL ROAD TO THE BEACH WITHIN MANDENI LOCAL MUNICIPALITY, ILEMBE DISTRICT MUNICIPALITY, KWAZULU NATAL.

1. PURPOSE OF THIS DOCUMENT

Notice of an Environmental Impact Assessment Process is given in terms of The National Environmental Management Act, Act No. 107 of 1998. Activities triggered by this proposed project will require a Basic Assessment (BA) as per NEMA, 1998.

Issues of concern and potential environmental impacts will be evaluated during the Environmental Impact Assessment.

The purpose of this Background Information Document (BID) is to provide a brief description of the project and Environmental Impact Assessment (EIA) process to be followed and to obtain initial comments and contributions from Interested and Affected Parties (I&AP's).

I&AP's are hereby invited to comment on the potential environmental and social issues relating to the proposed Dokodweni Beach development. The comments received will ensure that relevant issues are evaluated and will form part of the assessment.

2. INTRODUCTION AND DESCRIPTION OF THE DEVELOPMENT

There is a huge lack of psychological and social services that currently exist within the Mandeni Local Municipality. The need for recreational areas within the municipality has been identified, to promote a variety in the utilisation of the activities they provide. The needs analysis identifies that the facilities should include formal recreational facilities for the community.

Recreational facilities such as the proposed Dokodweni Beach offer a conducive environment for families to spend time together

Afzelia Environmental Consultants (Pty) Ltd has been appointed by Buchule Engineer (Pty) Ltd on behalf of the (Applicant) Mandeni Local Municipality to undertake an Environmental Impact Assessment (EIA) in the form of a Basic Assessment (BA) Process for a proposed beach development.

The proposed infrastructure to be installed in the facility will be designed to cater for heavy usage, robust, long-lasting, easy to maintain and vandal-proof activities. The most critical design

and material selection criteria used for the provision of the required infrastructure is available on the local market, affordability, ease of maintenance and continuity of supply. These factors make it possible for the maintenance to be done timeously in a sustainable manner and also ensure that standards of uniformity are maintained throughout the design life of the project.

The proposed ablution, storage and office building will be built with the ability to withstand harsh coastal conditions. This is essential as it reduces the maintenance costs of the project. The choice of material, that is, segmented block paving has also been done with the view of lowering maintenance costs. The car park will cater for both able-bodied and disabled community members. This ensures that the facility is non-discriminatory.

The scope of work for the proposed Dokodweni Beach, among other things, entails the following:

- Clearing and removal of trees.
- Earthworks.
- Construction of parking area using blocks.
- Construction of water supply system.
- Provision of electricity supply and lighting.
- Construction of septic tank.
- Construction of ablution facilities, office, storeroom and kiosk.
- Landscaping and provision of sitting benches and bins.

Re-gravelling of the existing access roads

3. REGIONAL SETTING AND LOCATION

Dokodweni Beach project falls within Ward 1 Mandeni Local Municipality, which, in turn, falls under the jurisdiction of iLembe District Municipality.

The project site can be accessed by travelling along the P415 due south-east from Mandeni for approximately 8.8 km and turning left onto the N2. After joining the N2, travel for approximately 17.2 km due north-east. Take the exit 277 and turn right onto the R66, which immediately becomes a gravel road (D888), and travel for approximately 2.9 km then turn right onto an unnamed gravel road. Travel for approximately 950 m along this unnamed road and turn left onto another unnamed gravel road. Follow that road for approximately 3.2 km and the beach will be in front. The

geographical coordinates of the proposed site area are:
29°03'51.48"S 30°39'55.03"E.

4. LEGAL REQUIREMENTS

The following legislative processes are applicable to the proposed beach development:

EIA Regulations (2014) of the National Environmental Management Act (Act 107 of 1998) [as amended]

The Environmental Impact Assessment Regulations (EIA Regulations) (2014) of the National Environmental Management Act (Act 107 of 1998) [as amended] set out the procedure to apply for Environmental Authorisation.

GN R 327 and 324 listed activities trigger the need for a Basic Assessment Process.

Find below listed activities in terms of the EIA Regulations (2014) of NEMA (1998), as amended which are potentially triggered by this proposed beach development:

Listing Notice	Activity number	Description of the listed activity
GNR 327 Listing Notice 1	17	Development— (i) in the sea; (ii) in an estuary; (iii) within the littoral active zone; (iv) in front of a development setback; or (v) if no development setback exists, within a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever is the greater;
	18	The planting of vegetation or placing of any material on dunes or exposed sand surfaces of more than 10 square metres, within the littoral active zone, for the purpose of preventing the free movement of sand, erosion or accretion, excluding where — (i) the planting of vegetation or placement of material relates to restoration and maintenance of indigenous coastal vegetation undertaken in accordance with a maintenance management plan; or

Listing Notice	Activity number	Description of the listed activity
	19A	such planting of vegetation or placing of material will occur behind a development setback. The infilling or depositing of any material of more than 5 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 5 cubic metres from— (i) the seashore; (ii) the littoral active zone, an estuary or a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever distance is the greater; or the sea;
GNR 327 Listing Notice 3		The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre.

The proposed development will trigger a Basic Assessment Report Process.

The KwaZulu Natal Department of Economic Development, Tourism and Environmental Affairs is the Competent Authority that will consider this environmental impact assessment reports.

5. SPECIALIST STUDIES

The following specialist studies have been completed as part of the environmental impact assessment process to-date:

1. Terrestrial Ecological Assessment;
2. Physical Coastal and Estuarine Assessment;
3. Visual Impact Statement;

These will be issued available for viewing upon request.

The following study is currently in progress, and will be circulated as part of the draft Basic Assessment Report during the legislated 30-day public consultation process:

1. Wetland Habitat Assessment;
2. Desktop Heritage and Paleontological Impact Assessment.

Specialist reports are available for consideration on request.

6. PUBLIC PARTICIPATION PROCESS (PPP)

The PPP is a process in which stakeholders and I&APs are afforded an opportunity to comment on or raise issues relevant to the proposed development and / or the EIA process. Stakeholders and I&APs are invited and urged to:

- Respond (by phone, fax, mail or e-mail) to the invitation to participate in the PPP;
- Complete and forward (mail, fax or e-mail) the attached registration and comment form to Afzelia Environmental Consultants (Pty) Ltd;
- Contact the Environmental Assessment Practitioner (EAP) regarding any query, comment or request for further project information; and
- Review the draft and final Basic Assessment reports within the legislated review periods that will be stipulated in the advertisements, as well as notification emails, letters and faxes.

7. RESPONSIBILITIES OF AN I&AP

I&APs have a right to participate in this process by requesting further information or by informing the consultant of concerns regarding the environment in relation to the project. In order to participate in the EIA process, an I&AP **must**:

- Register on the project database in order to receive detailed information regarding the EIA process (See **Appendix 1**);
- Inform any other parties (neighbours, friends, colleagues, etc.) who may be interested and/or affected by the project about the EIA process and encourage involvement and participation;
- Ensure that any comments regarding the project are submitted within the timeframes that have been approved or set by the authorities, or within any extension of a timeframe agreed to by authorities and the applicant; and
- Disclose any direct business, financial, personal or other interest in the approval or refusal of the application for the project.

8. RESPONSIBILITIES OF PPP CONSULTANT

In terms of the EIA Regulations, the PPP Consultant has the following responsibilities:

- Engage the key stakeholders, Competent Authority and I&APs;
- Provide sufficient information regarding the project and associated impacts;
- Ensure that all issues raised are recorded and forwarded to the environmental specialists to address in their impact studies; and

- Facilitate a transparent process.

You have been identified as a potential I&AP in this process and are therefore invited to participate in the project by registering. Your comments will ensure that all relevant issues are documented and considered and will assist in informed decision-making by the relevant authorities.

Should you wish to register as an I&AP and/or receive additional information regarding the project, you are requested to complete the registration form, on Page 10(Appendix 1) and email, post or hand deliver it to Afzelia Environmental Consultants (Pty) Ltd at the following address:

Thobakazi Zozo and /or Solomon Fataki at Afzelia Environmental Consultants (Pty) Ltd, P.O BOX 37069, Overport, 4067 | First Floor, 236 9th Avenue, Morningside, Durban, 4001. 031 303 2835 | thobakazi@afzelia.co.za or solomon@afzelia.co.za.

We invite all stakeholders and I&APs to participate freely and to submit any comments or information you feel may be useful.



UMQULU WOLWAZI WESENDLALELO

INDAWO YOKUZIJABULISA EHLONGOZWAYO YASE-DOKODWENI KANYE NEZINDAWO EZIHAMBISANA NAYO NOKUVUSELELWA KOMGWAQO OWUBHUQU OLWANDLE NGAPHAKATHI KOMASIPALA WENDAWO YASEMANDINI, UMASIPALA WESIFUNDA ILEMBE, KWAZULU NATALI

1. INHLOSO YALO MQULU

Isaziso seNqubo Yokuhlola Komthelela Wezemvelo sinikezwa ngokoMthetho Kazwelonke Wokuphathwa Kwezemvelo, uMthetho Nombolo 107 we-1998. Imisebenzi ebangelwe yilo mklamo ohlongozwayo izodinga i-Basic Assessment (BA) ngokweNEMA, 1998.

Izinkinga ezikhathazayo kanye nemithelela engaba khona emvelweni izohlolwa ngesikhathi sokuHloliswa Komthelela Wezemvelo.

Inhloso yalo Mbhalo Wemininingwane Yangemuva (i-BID) ukuhlizeka ngencazelo emfushane yephrojekthi kanye nenqubo Yokuhlola Komthelela Wemvelo (i-EIA) ezolandelwa nokuthola ukuphawula kokuqala kanye neminikelo evela kumaQembu Anentshisekelo Nathintekayo (I & AP's).

Ama-I & AP ngalokhu ayamenywa ukuba aphawule ngezinkinga ezingaba khona zemvelo nezenhlalo eziphathelele nentuthuko ehlongozwayo yaseDokodweni. Imibono etholakele izoqinisekisa ukuthi izindaba ezifanele ziyahlolwa futhi zizoba yingxenywe yokuhlola.

2. INCAZELO YOMSEBENZI

Kunokuntuleka okukhulu kwezinsizakalo ezingokwengqondo nezenhlalakahle ezikhona manje kuMasipala Wendawo yaseMandeni. Kukhonjwe isidingo sezindawo zokungebebeleka kumasipala, ukukhuthaza ukuhlukahluke ekusetshenzisweni kwemisebenzi abayinikezayo. Ukuhlaziywa kwezidingo kukhomba ukuthi lezi zikhungo kufanele zibandakanye izindawo zokuzijabulisa ezisemthethweni zomphakathi.

Izindawo zokuzithokozisa ezifana noLwandle lwaseDokodweni oluhlongozwayo zinikeza indawo ekahle yokuthi imindeni ichithe isikhathi ndawonye.

I-Afzelia Environmental Consultants (Pty) Ltd iqokwe yi- Buchule Engineer (Pty) Ltd egameni lomenzi wesicelo (Mandeni Local Municipality) ukuba enze Ucwangingo Lwemvelo (EIA) oluyi-Basic Assessment (BA) Inqubo yokuthuthukiswa kolwandle okuhlongozwayo.

Ingqalasizinda ehlongozwayo ezofakwa kulesi sikhungo izokwakhiwa ukubhekela ukusetshenziswa okusindayo, okuqinile, okuhlala isikhathi eside, okulula ukunakekelwa kanye nemisebenzi yokucekela phansi impahla. Indlela ebaluleke kunazo zonke yokuklama nokukhethwa kwempahla esetshenziselwe ukuhlizeka ngengqalasizinda edingekayo iyatholakala emakethe yendawo, ukufinyeleleka, ukugcinwa kalula nokuqhubeka kokuphakelwa. Lezi zinto zenza ukuthi ukunakekelwa kwenziwe ngesikhathi ngendlela esimeme futhi kuqinisekise nokuthi amazinga wokufana ayagcinwa kukho konke ukuphila komklamo.

Ukuhlanzwa, ukugcinwa kanye nokwakhiwa kwamahhovisi okuhlongozwayo kuzokwakhiwa ngokwazi ukumelana nezimo ezinzima zasogwini. Lokhu kubalulekile njengoba kunciphisa izindleko zokugcinwa kweprojekthi. Ukukhethwa kwempahla, okungukuthi, ukuhlukaniswa kwamabhulokhi ahlukaniwe nakho kwenziwe ngenhloso yokwehlisa izindleko zesondlo. Indawo yokupaka izimoto izobhekela amalungu omphakathi anamandla nabakhubazekile. Lokhu kuqinisekisa ukuthi indawo ayinabandlululo.

Ububanzi bomsebenzi webhishi elihlongozwayo iDokodweni, phakathi kokunye, kuhlangukisa okulandelayo:

- Ukususwa nokususwa kwezihlahla.
- Umsebenzi womhlaba.
- Ukwakhiwa kwendawo yokupaka kusetshenziswa amabhlogo.
- Ukwakhiwa kohlelo lokuphakelwa kwamanzi.
- Ukuhlizeka kokuphakelwa kukagesi nokukhanyiswa.
- Ukwakhiwa kwamathangi a-septic
- Ukwakhiwa kwezindawo zangasese, ihhovisi, igumbi lokugcina izimpahla kanye ne-kiosk.
- Ukubekwa kwendalo nokunikezwa kwamabhentshi okuhlala nemigqomo.
- ukuqoqeka kabusha kwemigwaqo yokungena

3. ISIFUNDA NENDAWO

Iphrojekthi yaseDokodweni Beach ingaphansi kukaMasipala Wendawo Wadi 1 Mandeni, nayo engaphansi kwamandla kaMasipala wesiFunda iLembe.

Indawo yephrojekthi ingafinyeleleka ngokuhamba ngomgwaqo u-P415 osuka eningizimu-mpumalanga usuka eMandeni cishe u-8.8 km bese ujikela ngakwesokunxele ungene ku-N2. Ngemuva kokujoyina u-N2, hamba cishe amakhilomitha ayi-17.2 ukusuka enyakatho-mpumalanga. Thatha umgwaqo ophumayo u-277 ujike kwesokudla ungene ku-R66, ovele ube umgwaqo owubhuqu u-D888, uhambe ibanga elingaba ngu-2.9 km bese ujikela kwesokudla ungene kumgwaqo owubhuqu ongaqanjwe. Ukuhamba cishe u-950 m kulo mgwaqo ongagagulwanga amagama bese ujikela ngakwesokunxele ungene komunye umgwaqo owubhuqu ongenagama. Landela lowo mgwaqo cishe u-3.2 km nolwandle kuzoba ngaphambili. Ukuxhumanisa kwendawo kwendawo ehlongozwayo yile: **29°03'51.48"S 30°39'55.03"E**.

4. IZIDINGO ZOMTHETHO

Izinqubo ezilandelayo zomthetho ziyasebenza ekwakhiweni kwamathuna ahlongozwayo:

Imithethonqubo ye-EIA (2014) yoMthetho Kazwelonke Wokuphathwa Kwezemvelo (Umthetho 107 ka-1998) [njengoba uchitshiyelwe]

Imithethonqubo Yokuhlola Komthelela Wemvelo (i-EIA Regulations) (2014) yoMthetho Kazwelonke Wokuphathwa Kwezemvelo (uMthetho 107 ka-1998) [njengoba uchitshiyelwe] ibeka inqubo yokufaka isicelo sokugunyazwa kwezeMvelo.

Imisebenzi efakwe kuhlu ye-GN R 327 kanye ne-324 ibangela isidingo seNqubo YokuHlola Eyisisekelo.

Thola imisebenzi engezansi engezansi ngokwemigomo ye-EIA Regulations (2014) ye-NEMA (1998), njengoba ichitshiyelwe okungenzeka ukuthi idalwe yilokhu kwakhiwa kwamathuna okuhlongozwayo:

Listing Notice	Activity number	Description of the listed activity
GNR 327 Listing Notice 1	17	Intuthuko- (i) olwandle; (ii) esikhumulweni semikhumbi; (iii) ngaphakathi kwendawo esebenzayo; (iv) phambi kwesiphazamiso sentuthuko; noma (v) uma kungekho ukuhlehliswa kwentuthuko okukhona, ebangeni elingamamitha ayi-100 maphakathi nolwandle lapho kunophawu lwamanzi aphakeme olwandle noma isiziba somfula, yikuphi okukhulu kunakho konke;

Listing Notice	Activity number	Description of the listed activity
	18	Ukutshalwa kotshani noma ukufakwa kwanoma yini ethile ezindundumeni noma ezindaweni ezihlabathi eziveziwe ezingaphezu kwamamitha-skwele ayi-10, ngaphakathi kwendawo esebenzayo, ngenhloso yokuvimbela ukuhamba ngesihlabathi ngokukhululeka, ukuguguleka noma ukuqina, ngaphandle kwalapho - (i) ukutshalwa kwezimila noma ukubekwa kwempahla kuhlobene nokubuyiselwa nokunakekelwa kwezimila zomdabu zasogwini okwenziwe ngokuya ngohlelo lokuphathwa kokugcinwa; noma ukutshalwa okunjalo kohlaza noma ukubeka okubalulekile kuzokwenzeka ngemuva kokuhlehliswa kwentuthuko.
	19A	Ukugcwaliswa noma ukufakwa kwanoma yikuphi ukwaziswa okungaphezu kwamamitha ayi-5 cubic in, noma ukwemba kabusha, ukumba, ukususa noma ukuhambisa inhlabathi, isihlabathi, amagobolondo, amagobolondo egobolondo, amatshe amatshe noma idwala elingaphezu kwamamitha-cubic amahlanu ukusuka— (i) ugu lolwandle; (ii) indawo esebenzayo, ulwandle noma ibanga elingamamitha ayi-100 maphakathi nezwe lamanzi aphakeme olwandle noma itheku, noma iliphi ibanga elikhudlwana; noma ulwandle;
GNR 327 Listing Notice 3	12	Ukususwa kwendawo engamamitha-skwele angama-300 noma ngaphezulu ohlaza lwendabuko ngaphandle kwalapho kususwa izimila zomdabu kudingeka ngenhloso yokulungisa okwenziwe ngokuya ngohlelo lokuphathwa kwesondlo.
	18	Ukunwetshwa komgwaqo ngamamitha angaphezu kwama-4, noma ukunwetshwa komgwaqo ngaphezu kwekhilomitha elilodwa.

Iphrojekthi ehlongozwayo izocupha inqubo yoMbiko Wokuhlola Okuyisisekelo.

UMnyango Wezokuthuthukiswa Komnotho, Ezokuvakasha kanye Nezemvelo KwaZulu-Natali yiSiphathimandla Esinekhono esizobheka le mibiko yokuhlolwa komthelela wezemvelo.

5. SPECIALIST STUDIES

Lezi zifundo ezilandelayo zezobuchwepheshe seziphothuliwe njengengxenye yenqubo yokuhlolwa komthelela wezemvelo kuze kube yimanje:

1. Ukuhlolwa Kwemvelo Yomhlaba;
2. Ukuhlolwa Kwasogwini kanye Nemifula;
3. Ukuhlolwa Komthelela Wokubonakalayo;
4. Amagugu eDeskithophu kanye nokuhlolwa komthelela we-Paleontological.

Ucwaningo olulandelayo lusaqhubeka, futhi luzosatshaliswa njengengxenye yoMbiko Oyisisekelo Wokuhlolwa Okuyisisekelo ngesikhathi senqubo yokubonisana nomphakathi yezinsuku ezingama-30 esemthethweni.

1. Ukuhlolwa Kwendawo Emaxhaphozini

Imibiko yochwepheshe iyatholakala ukuze icutshungulwe uma icelwa.

6. INQUBO YOKUBAMBA IQHAZA KOMPHAKATHI (PPP)

I-PPP iyingqubo lapho ababambiqhaza nama-I & AP benikezwa khona ithuba lokuphawula noma lokuphakamisa izindaba ezihambisana nentuthuko ehlongozwayo kanye / noma nenqubo ye-EIA. Ababambiqhaza nama-I & AP bayamenywa futhi bayanxuswa:

- Phendula (ngocingo, ifeksi, i-imeyili noma i-imeyili) esimemweni sokubamba iqhaza kwi-PPP;
- Gcwalisa uphinde uthumele (ngeposi, ngefeksi noma nge-imeyili) ifomu lokubhalisa nelokuphawula elinamathiselwe ku-Afzelia Environmental Consultants (Pty) Ltd;
- Thintana noMsebenzi Wokuhlolwa Kwezemvelo (EAP) maqondana nanoma yimuphi umbuzo, ukuphawula noma isicelo sokuthola eminye imininingwane yephrojekthi; futhi
- Buyekeza okusalungiswa kanye nemibiko yokugcina yokuHlola Okuyisisekelo ngaphakathi kwezikhathi zomthetho zokubuyekeza ezizobekwa ezikhangisweni, kanye nama-imeyili ezaziso, izincwadi kanye nefeksi.

7. IZIBOPHO ZOMBONELELI WE-PPP

Ngokwemigomo ye-EIA, uMxhumanisi wePPP unale misebenzi elandelayo:

- kubandakanya ababambiqhaza abakhulu, Isiphathimandla Esinekhono nama-I & AP;
- Ukunikezela ngemininingwane eyanele mayelana nephrojekthi kanye nemithelela ehambisana nayo
- Ukuqinisekisa ukuthi zonke izingqinamba eziphakanyisiwe ziyarekhodwa futhi zithunyelwe

kochwepheshe bezemvelo ukuze bazibheke ezifundweni zabo zomthelela; futhi

- Ukwenza lula inqubo esobala.

Ukhonjwe njenge-I & AP engaba khona kule nqubo ngakho-ke uyamenywa ukuba ubambe iqhaza kuphrojekthi ngokubhalisa. Ukuphawula kwakho kuzoqinisekisa ukuthi zonke izindaba ezifanele ziyabhalwa futhi ziyacatshangelwa futhi zizosiza ekuthathweni kwezinqumo ezinolwazi yiziphathimandla ezifanele.

Uma kwenzeka ufisa ukubhalisa njenge-I & AP kanye / noma uthola imininingwane eyengeziwe mayelana nephrojekthi, uyacelwa ukuthi ugcwalise ifomu lokubhalisa, ekhasini le-10 bese uthumela nge-imeyili, ngeposi noma ngesandla ulilethe kwa-Afzelia Environmental Consultants (Pty) Ltd kulelo kheli elilandelayo:

Thobakazi Zozo and /or Solomon Fataki at Afzelia Environmental Consultants (Pty) Ltd, P.O BOX 37069, Overport, 4067 | First Floor, 236 9th Avenue, Morningside, Durban, 4001. 031 303 2835 | thobakazi@afzelia.co.za or solomon@afzelia.co.za.

Simema bonke ababambiqhaza nama-I & APs ukuthi babambe iqhaza ngokukhululeka futhi bathumele noma yimiphi imibono noma imininingwane obona ukuthi ingasiza.



Figure 1 : Locality Map



Figure 2 : Dokodweni Beach Development concept plan

APPENDIX 1: I&AP REGISTRATION FORM

THE PROPOSED DOKODWENI BEACH RECREATIONAL AND ASSOCIATED FACILITIES AND REHABILITATION OF GRAVEL ROAD TO THE BEACH WITHIN MANDENI LOCAL MUNICIPALITY, ILEMBE DISTRICT MUNICIPALITY, KWAZULU NATAL.

Title		Name		Surname	
Company					
Designation					
Address					
					Postal code
Tel No.			Fax No.		
Email			Cell No.		
I would like to receive my notifications by (mark with X):			Post	Email	Fax
Please indicate why you have interest in the abovementioned project?					
Please write your comments and questions here:					
<i>Please feel free to attach a separate document</i>					
Please add any person you think may be an interested and affected party:					
Full Name			Company		
Address					
Email			Tel/ Cell No.		
PLEASE SEND YOUR REGISTRATION FORM AND COMMENTS TO:					
Company	Afzelia Environmental Consultants (Pty) Ltd		Contact person	Thobakazi Zozo / Solomon Fataki	
Address	PO Box 37069, Overport, 4067		Cell Number	0837344254/	
Tel No.	031 303 2835				
Email	thobakazi@afzelia.co.za / solomon@afzelia.co.za		Website	www.afzelia.co.za	