

Application for Environmental Authorisation for the Proposed Establishment of an  
Aquaculture Development Zone in Amatikulu, Kwazulu-Natal Province

APPENDIX B PUBLIC PARTICIPATION PROCESS

Compiled by:



NULEAF PLANNING AND ENVIRONMENTAL PTY LTD

On behalf of:

The Department of Agriculture, Forestry and Fisheries

June 2018

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# APPENDIX E.1 Process notices and advertisements

## Proof of Placement

### Newspaper advertisement

A newspaper advertisement was placed in the Zululand Observer on 18 August 2017.

18 AUGUST 2017
**ZO CLASSIFIEDS 33**

#### 0915 SALE IN EXECUTION

**NOTICE OF SALE**  
IN THE HIGH COURT OF SOUTH AFRICA, KWAZULU-NATAL DIVISION, PIETERMARITZBURG, CASE NUMBER 16945/2014, STANDARD BANK OF SOUTH AFRICA LIMITED / HENQUE 4214 CC Registration Number 2001039354-23 & R CARSTENS. This is a sale in execution pursuant to a judgment obtained in the above Honourable Court in terms of which the following property will be sold in execution on 30 AUGUST 2017 AT 12H00, IN FRONT OF THE OFFICE OF SHERIFF HABISA & NONGOMA, LOT 51 JAN SMUTS AVENUE, MTUBATUBA, namely, CERTAIN: PORTION 1 OF ERF 51 MTUBATUBA, REGISTRATION DIVISION OF KWAZULU-NATAL, IN EXTENT 1431 (ONE THOUSAND FOUR HUNDRED AND THIRTY ONE) SQUARE METRES, HELD BY DEED OF TRANSFER NO. T10792/05. The property is improved without anything warranted by DESCRIPTION OF UNIT: TITLE ROOFING, RECEPTION AREA, 6 ROOMS / OFFICES, KITCHEN, PANTRY AND BATHROOM. FLAT CONSISTING OF 2 ROOMS, TOILET, SHOWER, KITCHEN & CONCRETE WALL. Physical address is LOT 51 JAN SMUTS AVENUE, MTUBATUBA. ZONING: BUSINESS RESIDENTIAL (NOTHING GUARANTEED) the material terms are 10% deposit, balance payable on transfer, guarantees within 21 days of sale. The rules of the auction is available 24hours before the auction at the office of the Sheriff for Habisa, Lot 51, Jan Smuts Avenue, Mtubatuba. The office of the Sheriff for Habisa will conduct the sale with sheriff, Mrs H.C. Reid or her representative. Advertising costs at current publication rates and sale costs according to court rules, apply. Registration as a buyer is a pre-requisite subject to conditions, inter alia: AJRegistration as a Buyer is pre-requisite subject to specific conditions, inter alia; registration will close at 11h30, Directive of the Consumer Protection Act 68 of 2008; URLhttp://www.info.gov.za/view/DownloadFileAction?id=99961) B) FICA - legislation i.r.o proof of identity and address particulars list of other fca requirements available at the sheriff's office C) Payment of a Registration Fee of R10 000.00 in cash or eft is required (eft proof of payment to be produced prior to sale). D) Special conditions available for viewing at the sheriff's office. The full Conditions can be inspected at the offices of the Sheriff High Court, LOT 51, JAN SMUTS AVENUE, MTUBATUBA. STRAUSS DALY INC. MRS CHETTY /S1272/0762.

#### IN VITATION TO TENDER

Tenders are hereby invited for the following tenders;

CONTRACT DESCRIPTION	CIDB REQUIREMENT	PREFERENTIAL PROCUREMENT METHOD
1) TENDER 8/2/1/ UMH136-16/17: RENOVATIONS OF HLANGANANI OFFICE	3GB or higher	80:20 method for amounts below R50 000 000,00
2) TENDER 8/2/1/ UMH137-16/17: CONSTRUCTION OF FENCE WALL AT VULINLELA OFFICE	3GB or higher	80:20 method for amounts below R50 000 000,00

**NB: Failure to submit all compulsory documents with the tender document on the closing date will lead to disqualification.**

**NB: Regulation 44 of the Supply Chain Management Regulations states that the Municipality may not make any award to a person who is in the service of the state, and if that person is not a natural person, of which any Director, Manager, Principal, Shareholder or Stakeholder is a person in the service of the state; or who is an advisor or consultant contracted with the municipality or municipal entity.**

#### NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESSES: USUTHU TEMBE FUTHI BUSH LODGE ACCOMMODATION

Notice hereby given in terms of Regulation 41(2)(c) published in the National Environmental Management Act, 1998 (Act No. 107 of 1998) (as amended) of the intention to carry out listed activities requiring environmental authorization under Section 24(5) read with Section 44 of the Act. In terms of the Environmental Impact Assessment (EIA) Regulations contained within the Act (07 April 2017), environmental authorization must be obtained by Ezemvelo KZN Wildlife by the Department of Environmental Affairs.

**Ezemvelo KZN Wildlife is proposing the construction of a new camp and related facilities, which include a lodge, tented chalets and a guard house within Tembe Elephant Park within uMhlathuze/ingqano Local Municipality.**

All Interested and Affected Parties are requested to register with NZINGWE CONSULTANCY (Independent Environmental Practitioner), to raise issues, concerns, comment no later than 14 days of this advert.

**Nzingwe Consultancy: Zandaba B. Sibiba  
P O Box 929, Shelly Beach, 4265  
Tel: 039 315 7751; Fax: 039 315 6737  
E-mail: enviro@nzingwe.co.za**

#### NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESSES: PROPOSED ESTABLISHMENT OF A LAND-BASED AQUACULTURE DEVELOPMENT ZONE IN AMATIKULU, KWAZULU-NATAL

The proposed development entails the establishment of an Aquaculture Development Zone (ADZ) to the north of the Amatikulu estuary in KwaZulu-Natal. The ADZ will entail the establishment of aquaculture facilities that will be used for the farming of a range of species, which could include Dusky Kob, Baramundi, Scallops, Sea Cucumbers, marine and freshwater Ornamental Fish and Ornamental Plants, Tilapia, Catfish and Nile Crocodile. Phase 1 will comprise the refurbishment of earthen ponds and tunnel based tank systems that were historically used for Prawn and Ornamental Fish culture (activities will include the installation of water supply for farming, a facility to grow fingerlings, building of a feed store, other storage and offices). Phase 2 will entail the extension of the aquaculture facilities and the installation of civil infrastructure that will allow for the establishment of a range of production systems, for the range of species. Infrastructure for the ADZ will include administration buildings, storage areas, fish processing and packaging facilities, access roads, electricity and water reticulation, sea water supply and discharge, pump stations, reservoirs and fencing.

The full scoping and environmental impact report process provided for in Regulations 21 and 23 read with Appendices 2 and 3 of GN R326 of 7 April 2017 of the EIA Regulations, as amended, under NEMA will be followed for the application.

Notice is given in terms of section 24(5) read with Section 44 of the National Environmental Management Act 107 of 1998 (NEMA) of intent to apply for Environmental Authorisation to undertake the following listed activities:

Listing Notice 1: 3(iii), 4 (iii), 6 (i) (ii) (iii), 8, 9 (i) (ii), 10 (i) (ii), 12 (i) (ii) (iii) (iv) (v) (vi) (x) (xi) (xii) (a) (c), 13, 15, 17 (i) (iii) (v) (f), 18, 19, 19A (i) (ii) (iii), 25, 27, 30, 34 (iii), 41 (i) (ii) (iii) (No. R.327, 7 April 2017),

Listing Notice 2: 6, 14 (iii) (a), 15 (No. 325, 7 April 2017) and

Listing Notice 3: 2 (d) (v) (vi) (viii) (xii) (aa) (bb), 4 (d) (i) (vi) (viii) (xii) (aa) (bb), 12 (d) (iv) (v) (vi) (vii) (viii) (xiii), 13 (d) (iv) (v) (vii) (viii) (x), 14 (i) (ii) (iii) (iv) (v) (vi) (x) (xii) (a) (c); (d) (i) (iv) (vii) (x) (aa) (bb), 18 (d) (v) (vi) (viii) (xii) (aa) (bb), 23 (i) (ii) (iii) (iv) (v) (vi) (x) (xii) (a) (c); (d) (iii) (iv) (vii) (x) (aa) (bb), 24 (d) (iv) (v) (vii) (viii) (x) (No. R.324, 7 April 2017).

If you are an Interested and / or Affected Party and would like to register as part of the public participation process, please provide your name, contact details, and the nature of your interest in the project to the person below by no later than Monday 18 September 2017.

To register or for more information, please contact Bryony van Niekerk (NuLeaf Planning and Environmental), 8a Trevor Street, Murrayfield, 0184. Tel: 012 753 5792; Fax: 086 571 6292; Email: bryony@nuleafsa.co.za

ma01711-17-17©

shand@imb.co.za  
18-08-2017 MA017085

**AND THINK**

AUCTION NOTICE OF SALE IN EXECUTION IN THE MAGISTRATE'S COURT FOR THE

Civic Office  
Private Bag X1004  
RICHARDS BAY  
3900  
MN64/2017  
(DMS 1207003)

DR N J SIBEKO  
MUNICIPAL MANAGER

u165678-170

ma01711-17-17©

Site notices

Site notices were placed at the following locations in and around the site on 11 August 2017:



Dokodweni Beach picnic spot

Latitude: 29; 4; 48.6245

Longitude: 31; 38; 38.0259



Entrance gate to the Site

Latitude: 29; 4; 17.4302

Longitude: 31; 38; 49.1633



Along the access road leading to the Site

Latitude: 29; 4; 22.1681

Longitude: 31; 38; 39.3786



At a local liquor store in the surrounding community

Latitude: 29; 4; 15.8509

Longitude: 31; 38; 31.8942



Tribal Office

Latitude: 29; 7; 4.3949

Longitude: 31; 30; 0.1510

## BID

The following document was circulated to identified Stakeholders, Compliance Authorities and Interested and Affected Parties on 15 August 2017.



### **Proposed Establishment of an Aquaculture Development Zone in Amatikulu, KwaZulu-Natal**

#### **BACKGROUND INFORMATION DOCUMENT**

August 2017

In terms of the 2014 Environmental Impact Assessment (EIA) Regulations, as amended, published in terms of Section 24(5) of the National Environmental Management Act 107 of 1998 (NEMA), the Project Applicant, **The Department of Agriculture, Forestry and Fisheries (DAFF)**, hereby gives notice of its intention to apply for Environmental Authorisation from the **National Department of Environmental Affairs (DEA)** as the Competent Authority, for the proposed establishment of an Aquaculture Development Zone (ADZ) in Amatikulu, KwaZulu-Natal.

The Full Scoping and Environmental Impact Report process provided for in Regulations 21 and 23 read with Appendices 2 and 3 of GN R326 of the EIA Regulations, 2014, as amended, published under NEMA will be followed for the application for Environmental Authorisation.

By virtue of location, you have been identified as a potential **Interested and / or Affected Party (I&AP)** to this process, and are hereby invited to participate.

#### **WHAT THIS DOCUMENT TELLS YOU**

This Background Information Document (BID), provides you, as a potential I&AP, with background information on the proposed project, as well as, information regarding the **Full Scoping and Environmental Impact Report (EIR) Process** that is currently underway to assess the potential environmental impacts (i.e. positive and negative; as well as, direct, indirect and cumulative) of the proposed project.

It further indicates how you can become involved in the project, receive information and raise issues that may concern and/or interest you. The sharing of information forms an important component of the Public Participation Process and not only provides you with the opportunity to become actively involved, but also to provide information that may be of value for the proposed development.

## BACKGROUND

In 2009, the Department of Agriculture, Forestry and Fisheries completed a project aimed at identifying suitable land and sea space surrounding South Africa's coastal provinces for the establishment of Aquaculture Development Zones (ADZ's).

An ADZ is an area that has been earmarked specifically for aquaculture activity. The purpose of an ADZ is to encourage investor and consumer confidence, create incentives for industry development, provide aquaculture services, manage risk associated with aquaculture, as well as to provide skills development and employment for coastal communities. The development of ADZs supports the Aquaculture Policy objective aimed at creating an enabling environment that will promote growth and sustainability of the aquaculture sector in South Africa, as well as to enhance the industry's contribution to economic growth.

## PROPERTY & PROJECT DESCRIPTION

The Amatikulu site is situated in the KwaZulu Natal province, approximately 120 km north of Durban. The site has an area of approximately 108.37 Ha in size. The site is situated north east from the Amatikulu estuary and is characterized by a low lying estuarine coastal zone with tropical vegetation and predominantly sandy substrate.

Current infrastructure on the site consists of gravel roads, tanks and ponds in various states of functionality, a range of buildings and a fence that encloses parts of the site. Operations currently being undertaken on the site include the following:

1. *Amatikulu Pet Products* which consists of an administrative building and a factory facility that manufactures pet products, as well as a pack house and storeroom.
2. *Amatikulu Aquarium Plants*, which consists of a hatchery, workshop, and a number of tunnels and water supply infrastructure for ornamental fish and plants.
3. A water treatment facility.

The proposed development entails the establishment of an Aquaculture Development Zone (ADZ) to the north east of the Amatikulu estuary in KwaZulu-Natal. The ADZ will entail the establishment of aquaculture facilities that will be used for the farming of a range of species, which could include Dusky Kob, Barramundi, Scallops, Sea Cucumbers, marine and

freshwater Ornamental Fish and Ornamental Plants, Tilapia, Catfish and Nile Crocodile. Phase 1 will comprise the refurbishment of earthen ponds and tunnel based tank systems that were historically used for Prawn and Ornamental Fish culture (activities will include the installation of water supply for farming, a facility to grow fingerlings, construction of a feed store, other storage facilities and offices). Phase 2 will entail the extension of the aquaculture facilities and the installation of civil infrastructure that will allow for the establishment of a range of production systems for a range of species. Infrastructure for the ADZ will include administration buildings, storage areas, fish processing and packaging facilities, access roads, electricity and water reticulation, sea water supply and discharge, pump stations, reservoirs and fencing.

#### PROJECT MOTIVATION

The main purpose of the ADZ seeks to address poverty and unemployment in the coastal area of Amatikulu by creating skill-based employment. The infrastructure development on the site will require a labour force which will be sourced from the surrounding local disadvantaged communities. Once the farm has been established, people from the surrounding community will have an opportunity to develop skills in the farming of aquatic organisms.

Job creation and skills development in the rural area of Amatikulu is pertinent owing to the high level of unemployment.

#### THE FULL SCOPING & EIR ASSESSMENT PROCESS

NuLeaf Planning and Environmental Pty Ltd has been appointed by DAFF to undertake the Full Scoping and EIR Assessment Process for the proposed activities. The EIA Regulations, as amended, and its associated Listing Notices; Listing Notice 1 (GN R327), Listing Notice 2 (GN R325 ) and Listing Notice 3 (GN R324) specify the activities that require a Basic Assessment or Full Scoping & EIR. The activities triggered by the proposed development include the following listed activities:

<b>Number and date of the relevant Listing Notice:</b>	<b>Activity Number (s) (in terms of the relevant Listing Notice):</b>	<b>Description of each listed activity as per the detailed project description</b>
GN R. 327	3 (iii)	The development and related operation of facilities or infrastructure for the slaughter of animals with (iii) wet weight product throughput of fish, crustaceans or amphibians exceeding 20 000 kg per annum
	4 (iii)	The development and related operations of facilities or infrastructure for the concentration of animals for the purpose of



(Listing Notice 1)		commercial production in densities that exceed (iii) 30 square meters per crocodile at any level of production and more than 20 crocodiles per facility
	6 (i) (ii) (iii)	Development and related operation of facilities, infrastructure or structures for aquaculture of (i) finfish, reptiles or amphibians, where such a facility, infrastructure or structures will have a production output exceeding 20 000 Kg per annum, (ii) molluscs and echinoderms exceeding 30 000 Kg per annum and (iii) aquatic plants where such a facility, infrastructure or structures will have a production output exceeding 60 000 kg per annum (wet weight)
	9 (i) (ii)	The development of infrastructure exceeding 1000 m in length for the bulk transportation of water or storm water (i) internal diameter of 0,36 m or more or (ii) peak throughput of 120 liters per second or more
	10 (i) (ii)	The development and related operation of infrastructure exceeding 1000 metres in length for the bulk transportation of sewage, effluent, process water, waste water, return water, industrial discharge or slime under the assumption of : (i) Structure with an internal diameter of 0,36 metres or more; (ii) With peak throughput of 120 litres per second or more
	12 (i) (ii) (iii) (iv) (v) (vi) (x) (xi) (xii); (a) (c)	The development of (i) canals (ii) channels (iii) bridges (iv) dams (v) weirs (vi) bulk storm water (x) buildings (xi) boardwalks (xii) infrastructure where all exceed 100 square meters in size where such development occurs within (a) a watercourse (c) within 32 meters of a watercourse
	13	The development of facilities or infrastructure for the off-stream storage of water, including dams and reservoirs, with a combined capacity of 50 000 cubic metres or more
	15	The development of structures in the coastal public property where the development footprint is bigger than 50 square meters
	17 (i) (iii) (v) (f)	Development (i) in the sea, (iii) littoral active zone, (v) within a distance of 100 m inland of the high water mark of the sea or estuary in respect of (f) infrastructure or structures with a development footprint of 50 square meters or more
	18	The planting of vegetation or placing of any material on dunes or exposed sand surfaces of more than 10 square meters, within the littoral active zone for the purpose of preventing the free movement of sand, erosion or accretion
	19	The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from (i) a watercourse (ii) the seashore (iii) the littoral active zone, an estuary or a distance of 100 m inland of the highwater mark of the sea or estuary
	19A (i) (ii) (iii)	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) a watercourse (ii) the seashore (iii) the littoral active zone, an estuary or a distance of 100 m inland of the highwater mark of the sea or estuary
	25	The development and related operation of facilities or infrastructure for the treatment of effluent, wastewater or

		sewage with a daily throughput capacity of more than 2000 cubic meters but less than 15 000 cubic meters
	27	The clearance of 1 hectare or more, but less than 20 hectares of indigenous vegetation
	30	Any process or activity identified in terms of section 53(1) of the National Environmental Management: Biodiversity Act, 2004 (Act No 10 of 2004)
	34 (iii)	The expansion or changes to an existing facilities or infrastructure for any process or activity where such expansion or changes will result in the need for a permit or license or an amended permit or license in terms of national or provincial legislation governing the release of emissions, effluent or pollution but excluding (iii) the expansion is directly related to aquaculture facilities or infrastructure where the wastewater discharge capacity will be increased by 50 cubic meters or less per day
	41 (i) (ii) (iii)	The expansion and related operation of facilities, infrastructure or structures for aquaculture of (i) Finfish, crustaceans, reptiles or amphibians, where such facility, infrastructure or structures will have a production output exceeding 20 000 kg per annum (wet weight) (ii) molluscs and echinoderms where the annual production output of such facility, infrastructure or structures will be increased by 30 000 Kg or more and (iii) aquatic plants where the annual production output of such facility, infrastructure or structures will be increased by 60 000 Kg or more (wet weight)
GN R. 325 (Listing Notice 2)	6	The development of facilities or infrastructure for any process or activity which requires a license in terms of national or provincial legislation governing the generation or release of emissions, pollutant or effluent, excluding: (a) Activities which are identified and included in Listing Notice 1 of 2014; (b) Activities which are included in the list of waste management activities published in terms of Section 19 of NEMWA, in which case NEMWA applies; or (c) The development of facilities or infrastructure for the treatment of effluent, wastewater or sewage where such facilities have a daily throughput capacity of 200 cubic metres or less.
	14 (iii) (a)	The development and related operation of (iii) any structure or infrastructure on, below or along the sea bed excluding (a) development of facilities, infrastructure or structures for aquaculture purposes
	15	The clearance of an area of 20 hectares or more of indigenous vegetation
	2 (d) (v) (vi) (viii) (xii) (aa) (bb)	The development of reservoirs for bulk water supply with a capacity of more than 250 cubic meters (v) in an estuarine functional zone (vi) in a protected area identified in terms of NEMPAA (viii) Critical biodiversity area (xii) outside urban areas in (aa) areas within 10 km from National Parks of 5 km from any terrestrial protected area (bb) areas seawards of the development setback line or within 1 km from the high-water mark of the sea
	4 (d) (i) (vi) (viii) (xii) (aa) (bb)	The development of a road wider than 4 meters with a reserve less than 13,5 meters in (d) Kwazulu-Natal (i) in an estuarine

GN R. 324 (Listing Notice 3)		functional zone (vi) in a protected area identified in terms of NEMPAA (viii) Critical biodiversity area (xii) outside urban areas in (aa) areas within 10 km from National Parks of 5 km from any terrestrial protected area (bb) areas seawards of the development setback line or within 1 km from the high-water mark of the sea
	12 (d) (iv) (v) (vi) (vii) (viii) (xiii)	The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for is for maintenance purposes undertaken in accordance with a maintenance management plan. (d) Kwazulu-Natal (iv) within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004; (v) Within critical biodiversity areas identified in bioregional plans; (vi) Within the littoral active zone or 100 metres inland from high water mark of the sea or an estuarine functional zone, whichever distance is the greater, excluding where such removal will occur behind the development setback line on even in urban edges. (vii) On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation (viii) a protected area in terms of NEMPAA (xiii) in an estuarine functional zone
	13 (d) (iv) (v) (vii) (viii) (x)	The development and related operation of facilities of any form of aquaculture (d) Kwazulu-Natal (iv) in an estuarine functional zone (v) in a protected area identified in terms of NEMPAA (vii) areas on the watercourse side of the development setback line or within 100 m from the edge of a watercourse (viii) areas within a watercourse or wetland (x) critical biodiversity area
	14 (i) (ii) (iii) (iv) (v) (vi) (x) (xii) (a) (c); (d) (i) (iv) (vii) (x) (aa) (bb)	The development of (i) canals exceeding 10 square meters (ii) channels exceeding 10 square meters in size (iii) bridges exceeding 10 square meters (iv) dams including infrastructure and water surface area exceeds 10 square meter in size, (v) weirs exceeding 10 square meters (vi) bulk storm water outlets exceeding 10 square meters (x) buildings exceeding 10 square meters in size, (xii) infrastructure or structures exceeding 10 square meters or more where development occurs within (a) a watercourse (c) within 32 m of a watercourse in (d) Kwazulu-Natal (i) in an estuarine functional zone, (iv) a protected area identified in terms of NEMPAA (vii) critical biodiversity areas (x) outside urban areas in (aa) areas within 10 km of National Parks of 5 km from any terrestrial protected area (bb) areas seawards of the development setback line or within 1 km from the high water mark of the sea
	18 (d) (v) (vi) (viii) (xii) (aa) (bb)	The widening of a road by more than 4 meters or the lengthening of a road by more than 1 Km in (d) Kwazulu-Natal (v) in an estuarine functional zone (vi) a protected area identified in terms of NEMPAA (viii) critical biodiversity areas (xii) outside of urban areas aa) areas within 10 km of National Parks of 5 km from any terrestrial protected area (bb) areas seawards of the

		development setback line or within 1 km from the high water mark of the sea
23 (i) (ii) (iii) (iv) (v) (vi) (x) (xii) (a) (c); (d) (iii) (iv) (vii) (x) (aa) (bb)		The expansion of (i) canals expanded by 10 square meters (ii) channels expanded by 10 square meters in size (iii) bridges expanded by 10 square meters (iv) dams including infrastructure and water surface area expanded by 10 square meter in size, (v) weirs expanded by 10 square meters (vi) bulk storm water outlets expanded by 10 square meters (x) buildings expanded by 10 square meters in size, (xii) infrastructure or structures expanded by 0 square meters where such development expansion occurs within (a) a watercourse (c) within 32 m of a watercourse (d) Kwazulu-Natal (iii) in an estuarine functional zone, (iv) a protected area identified in terms of NEMPAA (vii) critical biodiversity areas (x) outside urban areas in (aa) areas within 10 km of National Parks of 5 km from any terrestrial protected area (bb) areas seawards of the development setback line or within 1 km from the high water mark of the sea
24 (d) (iv) (v) (vii) (viii) (x)		The expansion and related operation of facilities of any size for any form of aquaculture in (d) Kwazulu-Natal (iv) in an estuarine functional zone (v) in a protected area identified in terms of NEMPAA (vii) areas on the watercourse side of the development setback line or within 100 m from the edge of a watercourse (viii) areas within a watercourse or wetland (x) critical biodiversity area

- An independent **Environmental Assessment Practitioner (EAP)** must undertake the process on behalf of the applicant to ensure objectivity.
- The EAP will conduct a Public Participation Process and afford any and all persons interested and /or affected by the proposed development an opportunity to register and participate in the process. A **30 day registration period** is allowed for, as well as, an opportunity to ask questions, submit concerns etc.
- An **Application for Environmental Authorisation** will be submitted to the Competent Authority, which in this case is the National Department of Environmental Affairs (DEA).
- The EAP must prepare a **Draft Scoping Report** which describes both the project and the environment and assesses the anticipated impacts of the project on the environment and make recommendations in terms of mitigation and management.
- Once complete, the Draft Scoping Report will be circulated to all registered I&APs who are entitled to submit written comments in respect thereof. A **30 day comment period** is allowed for.
- Once all comments from registered I&APs have been addressed, the EAP will submit the **Final Scoping Report** to the Competent Authority (DEA) for consideration.

- The Competent Authority is then required to accept/deny the Scoping Report and advise the applicant on whether to proceed with the environmental impact report.
- The EAP must then prepare a **Draft Environmental Impact Report (EIR)**, inclusive of specialist reports and a draft Environmental Management Programme (EMPr).
- Once complete, the Draft EIR will be circulated to all registered I&APs who are entitled to submit written comments in respect thereof. **A 30 day comment period** is allowed for.
- Once all comments from registered I&APs have been addressed, the EAP will submit the **Final EIR** to the Competent Authority (DEA) for consideration.
- The Competent Authority is then required to make a decision on the application for Environmental Authorisation (i.e. either positive or negative).
- Once the Competent Authority has made a decision on the Final EIR, the EAP must communicate the outcome thereof to all I&APs who registered during the Public Participation Process.
- I&AP's have the right to **Appeal** against the decision of the Competent Authority should they feel the need to do so, in which case, the Competent Authority will review and reconsider the application. The appeal process is regulated in terms of the 2014 National Appeal Regulations published in terms of GN R993 on 8 December 2014 under NEMA.

#### ROLE OF INTERESTED AND AFFECTED PARTIES

You have been identified as a potential Stakeholder or Interested and Affected Party, and are hereby invited to participate in this EIA Process. If you would like to be consulted during the process described above, comment on draft reports, provide input, raise concerns, or simply remain informed of the project process, please register as a Stakeholder via a return email, fax or post.

**Registration as a Stakeholder or Interested and Affected Party must reach the  
Environmental Assessment Practitioner listed below by no later than  
Monday 17 September 2017**

Bryony van Niekerk  
**NuLeaf Planning and Environmental Pty (Ltd)**  
 8a Trevor Street  
 Murrayfield

Pretoria, 0184

T: 012 753 5792



F: 086 571 6292

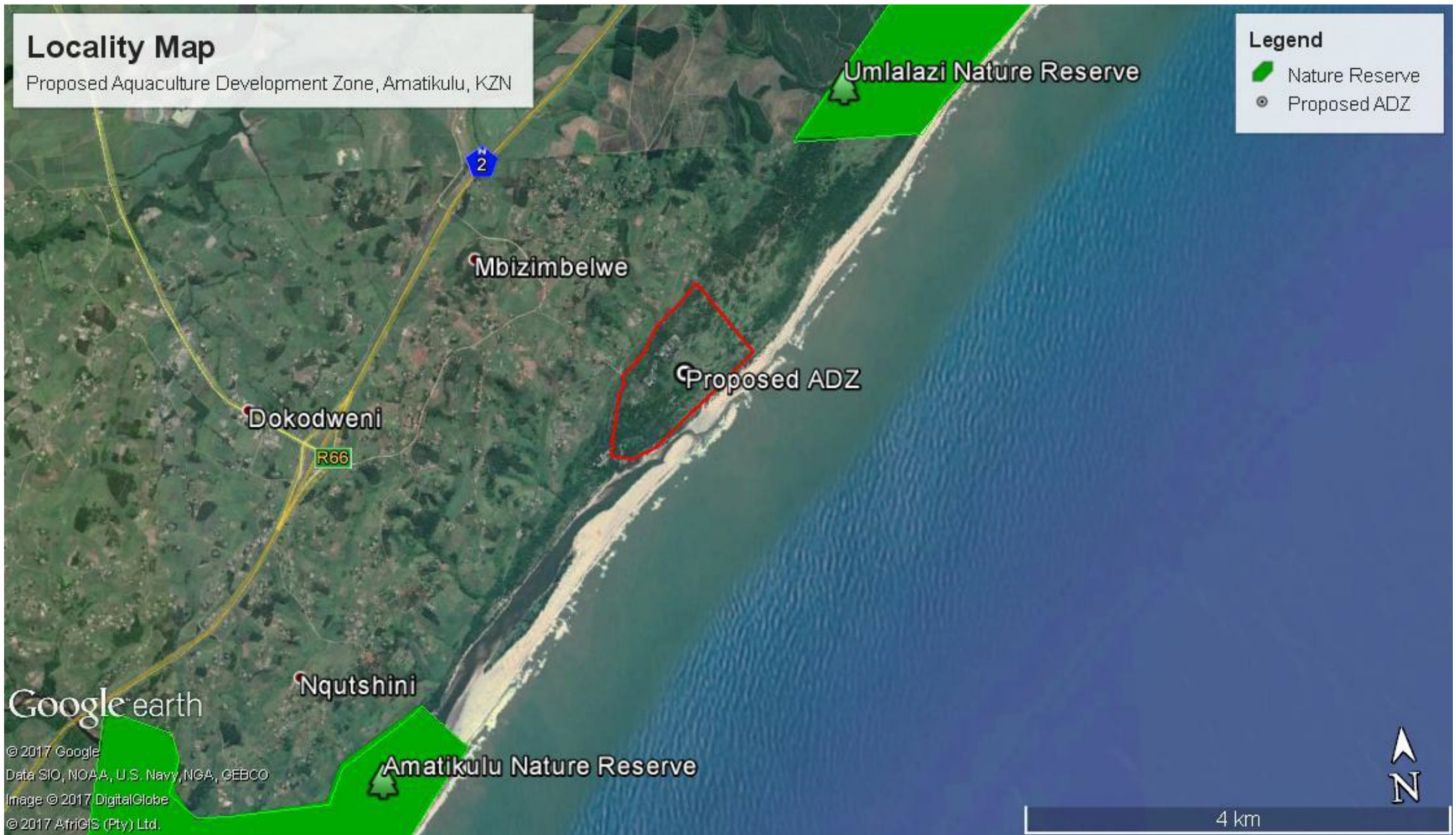
email: [bryony@nuleafsa.co.za](mailto:bryony@nuleafsa.co.za)

## Locality Map

Proposed Aquaculture Development Zone, Amatikulu, KZN

### Legend

-  Nature Reserve
-  Proposed ADZ



## APPENDIX E.2 Key stakeholders

### Proof of Notification

#### **Bryony van Niekerk**

**From:** Bryony van Niekerk <bryony@nuleafsa.co.za>  
**Sent:** 15 August 2017 09:18  
**To:** 'bryony@nuleafsa.co.za'  
**Cc:** 'Peter Velcich'; 'Etienne Hinrichsen'  
**Subject:** Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal  
**Attachments:** BID Amatikulu final.pdf

<b>Tracking:</b>	<b>Recipient</b>	<b>Read</b>
	'bryony@nuleafsa.co.za'	Read: 2017/08/15 09:25
	'Peter Velcich'	Read: 2017/08/15 09:54
	'Etienne Hinrichsen'	
	'sizwe.khuzwayo@mandeni.gov.za'	
	'temba.mjuz@mandeni.gov.za'	
	'masupha.mapthenjwa@ilembe.gov.za'	
	'nonhlanhla.gamede@ilembe.gov.za'	
	'gerald.dlamini@kzndard.gov.za'	
	'pillay@dws.gov.za'	
	'jmphepya@environment.gov.za'	
	'Lfikizolo@environment.gov.za'	
	'anaidoo@environment.gov.za'	
	'MakhuvhaM@kznded.gov.za'	
	'Mustaq.Hoosen@kzndard.gov.za'	
	'sinxotot@kznded.gov.za'	
	'Theo.vanrooyen@kzndard.gov.za'	
	'Muzi.Mdamba@kzndae.gov.za'	
	'phoarchaeology@amafapmb.co.za'	Read: 2017/08/15 11:50
	'mathabapmt@gmail.com'	
	'MakhathiniS@ingonyamatrust.org.za'	
	'pa2ceo@ingonyamatrust.org.za'	
	'MadlophaF@ingonyamatrust.org.za'	
	'guy@aquariumplants.co.za'	Read: 2017/08/15 10:30
	'matthew@amatikulu.co.za'	
	'mecpa@kzncogta.gov.za'	
	'dinesree.thambu@kznwildlife.com'	
	'dokodwenibeachccamp@gmail.com'	

Dear Interested and Affected Parties,

Notice is given in terms of section 24(5) read with section 44 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) of intent to carry out the following activity:

PROPOSED ESTABLISHMENT OF AN AQUACULTURE DEVELOPMENT ZONE IN AMATIKULU, KWAZULU-NATAL



The proposed development entails the establishment of an Aquaculture Development Zone (ADZ) to the north east of the Amatikulu estuary in KwaZulu-Natal. The ADZ will entail the establishment of aquaculture facilities that will be used for the farming of a range of species, which could include Dusky Kob, Barramundi, Scallops, Sea Cucumbers, marine and freshwater Ornamental Fish and Ornamental Plants, Tilapia, Catfish and Nile Crocodile. Phase 1 will comprise the refurbishment of earthen ponds and tunnel based tank systems that were historically used for Prawn and Ornamental Fish culture (activities will include the installation of water supply for farming, a facility to grow fingerlings, construction of a feed store, other storage facilities and offices). Phase 2 will entail the extension of the aquaculture facilities and the installation of civil infrastructure that will allow for the establishment of a range of production systems for a range of species. Infrastructure for the ADZ will include administration buildings, storage areas, fish processing and packaging facilities, access roads, electricity and water reticulation, sea water supply and discharge, pump stations, reservoirs and fencing.

As an identified Interested and Affected Party, you are given the opportunity to provide your input and comment on the above mentioned development.

The attached background information document provides further information pertaining to the proposed project.

Please do note that you have until the **17<sup>th</sup> September 2017** to register.

Feel free to contact me if you have any questions.

Regards,

Bryony van Niekerk (BSc Hons. EMA)



Tel: +27 12 753 5792

Fax: +27 86 571 6292

[bryony@nuleafsa.co.za](mailto:bryony@nuleafsa.co.za)



## Read Receipts

### **Bryony van Niekerk**

---

**From:** Guy Upfold (aquariumplants.co.za) <guy@aquariumplants.co.za>  
**To:** Bryony van Niekerk  
**Sent:** 15 August 2017 10:30  
**Subject:** Return Receipt (displayed) -Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

This is a Return Receipt for the mail that you sent to [guy@aquariumplants.co.za](mailto:guy@aquariumplants.co.za).

Note: This Return Receipt only acknowledges that the message was displayed on the recipient's computer. There is no guarantee that the recipient has read or understood the message contents.

### **Bryony van Niekerk**

---

**From:** PA to the CEO <pa2ceo@ingonyamatrust.org.za>  
**To:** Bryony van Niekerk  
**Sent:** 15 August 2017 10:06  
**Subject:** Read: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

Your message

To: PA to the CEO  
Subject: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal  
Sent: Tuesday, August 15, 2017 9:18:10 AM (UTC+02:00) Harare, Pretoria

was read on Tuesday, August 15, 2017 10:05:31 AM (UTC+02:00) Harare, Pretoria.

### **Bryony van Niekerk**

---

**From:** mathabapmt@gmail.com  
**Sent:** 15 August 2017 09:41  
**To:** Bryony van Niekerk  
**Subject:** Read report : Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

Recipient: [mathabapmt@gmail.com](mailto:mathabapmt@gmail.com)  
Time of reading : 15/08/2017 09:41 AM  
Subject: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

Dear Interested and Affected Parties, Notice is given in terms of section 24(5) read with section 44 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) of intent to carry out the

**Bryony van Niekerk**

---

**From:** Themba Mjuza <Themba.Mjuza@mandeni.gov.za>  
**To:** Bryony van Niekerk  
**Sent:** 15 August 2017 09:42  
**Subject:** Read: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

Your message

To: Themba Mjuza  
Subject: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal  
Sent: Tuesday, August 15, 2017 9:28:58 AM (UTC+02:00) Harare, Pretoria

was read on Tuesday, August 15, 2017 9:40:54 AM (UTC+02:00) Harare, Pretoria.

**Bryony van Niekerk**

---

**From:** HESTER <phoarchaeology@amafapmb.co.za>  
**To:** 'Bryony van Niekerk'  
**Sent:** 15 August 2017 11:50  
**Subject:** Read: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

Your message

To: Unknown  
Subject:

**Bryony van Niekerk**

---

**From:** Mustaq Hoosen <Mustaq.Hoosen@kzndard.gov.za>  
**To:** Bryony van Niekerk  
**Sent:** 18 August 2017 10:40  
**Subject:** Read: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

Your message

To: Mustaq Hoosen  
Subject: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal  
Sent: Tuesday, August 15, 2017 9:18:10 AM (UTC+02:00) Harare, Pretoria

was read on Friday, August 18, 2017 10:39:53 AM (UTC+02:00) Harare, Pretoria.

## **Bryony van Niekerk**

---

**From:** Fikisiwe Madlopha <MadlophaF@ingonyamatrust.org.za>  
**To:** Bryony van Niekerk  
**Sent:** 18 August 2017 13:33  
**Subject:** Read: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

Your message

To: Fikisiwe Madlopha  
Subject: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal  
Sent: 15 August 2017 09:18:10 AM (UTC+02:00) Harare, Pretoria

was read on 18 August 2017 01:32:58 PM (UTC+02:00) Harare, Pretoria.

## **Bryony van Niekerk**

---

**From:** Theo Vanrooyen <Theo.Vanrooyen@kzndard.gov.za>  
**To:** Bryony van Niekerk  
**Sent:** 21 August 2017 07:26  
**Subject:** Read: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

Your message

To: Theo Vanrooyen  
Subject: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal  
Sent: Tuesday, August 15, 2017 9:18:10 AM (UTC+02:00) Harare, Pretoria

was read on Monday, August 21, 2017 7:26:05 AM (UTC+02:00) Harare, Pretoria.

## **Replies and Registration**

### **Bryony van Niekerk**

---

**From:** Guy Upfold (aquariumplants.co.za) <guy@aquariumplants.co.za>  
**Sent:** 15 August 2017 10:39  
**To:** Bryony van Niekerk  
**Subject:** Re: Notification of Full Scoping and Environmental Impact Assessment Process - Proposed Establishment of an Aquaculture Development Zone in Amatikulu, Kwazulu-Natal

Hello Bryony, I would obviously like to be kept informed.

Thanks

Guy Upfold  
**Amatikulu Aquarium Plants cc**  
Phone: 082 3333996  
Email: [guy@aquariumplants.co.za](mailto:guy@aquariumplants.co.za)

## Bryony van Niekerk

**From:** Frans Van Der Walt <frans@qs2000plus.co.za>  
**Sent:** 21 August 2017 11:56  
**To:** bryony@nuleafsa.co.za  
**Subject:** PROPOSED LAND-BASED AQUACULTURE DEVELOPMENT ZONE, AMATIKULU

Dear Bryony van Niekerk,

Further to the recent Notice in the media about the above project, I would appreciate if you could add me as Interested and Affected Party for the Public Participation process. Please can I also request all background information, locality details, etc. be forwarded ?

I look forward to hearing more and being involved in the EIA process going forward.

Regards,

**Frans van der Walt** (B.Sc (QS), Pr.QS (2167), PMAQS, MRICS)  
**QS2000 Plus** (Quantity Surveyors & Project Managers)

QS2000 is a Certified **BBBEE level 4 Contributor**.



**Contact numbers :** Tel : +27 (35) 753 4184 / 5, Fax : +27 (35) 753 4185, Cell : +27 82 4600 875  
**E-mail :** [frans@qs2000plus.co.za](mailto:frans@qs2000plus.co.za)  
**Postal :** P.O. Box 10376, MEERENSEE, 3901  
**Physical :** 22 Pompano Place, MEERENSEE, 3901  
**Website :** [www.qs2000plus.co.za](http://www.qs2000plus.co.za) **Skype :** fransvanderwalt



## Bryony van Niekerk

**From:** Wendy Forse <twiga@iafrica.com>  
**Sent:** 26 August 2017 13:21  
**To:** bryony@nuleafsa.co.za  
**Cc:** Neil Davies Evans; 'Doggy Kewley'; 'Mike Butler'; Theo Mostert; 'Balmer, Anne'; Daff Untiedt; 'Kim Steinberg'; 'Barbara Chedzey'  
**Subject:** Amatikulu Aquaculture development zone IAP registration

Hi Bryony

Please would you register the Mtunzini Conservancy as an Interested and Affected Party for this application for environmental authorisation for the Amatikulu Aquaculture Zone project.

Our chairperson is Neil Evans (see email address above) and I deal with the development and planning portfolio. It would be appreciated if you could send correspondence to my email address below with a cc to Neil Evans [EvansN@unizulu.ac.za](mailto:EvansN@unizulu.ac.za) and we will copy to the rest of the committee and membership.

Regards  
Wendy

Wendy Forse  
P.O. Box 611  
Mtunzini 3867  
Tel: 035 – 340 2586  
Cell: 082 722 3333  
Email: [twiga@iafrica.com](mailto:twiga@iafrica.com)

**Bryony van Niekerk**

**From:** Coastwatch <coastwatch@telkomsa.net>  
**Sent:** 02 September 2017 11:14  
**To:** bryony@nuleafsa.co.za  
**Subject:** Scoping and EIA Process - Proposed establishment of an Aquaculture Development Zone in Amatikulu

Dear Bryony

Would you kindly register COASTWATCH KZN as an I&AP in respect of the above project.

Kind regards  
(Mrs) Di Jones  
Co-Ordinator  
COASTATCH KZN

**APPENDIX E.3 Comments and response register**

No comments have been received to date.

Any comments on the Draft Scoping Report will be included and addressed in the Final Scoping Report.

Summary of main issues raised by I&APs	Summary of response from EAP

## APPENDIX E.4 List of Registered Interested and Affected Parties

Name	Organisation/Department	Contact Number	Email
<b>Authorities</b>			
Sizwe Khuzwayo	Mandeni Local Municipality-Economic Development Director	324 568 283	<a href="mailto:sizwe.khuzwayo@mandeni.gov.za">sizwe.khuzwayo@mandeni.gov.za</a>
Temba Mjuza	Mandeni Local Municipality-Economic Development	324 568 283	<a href="mailto:themba.mjuza@mandeni.gov.za">themba.mjuza@mandeni.gov.za</a>
Nonjabulo Ngwane	Mandeni Local Municipality	737 444 159	<a href="mailto:nonjabulo.ngwane@mandeni.gov.za">nonjabulo.ngwane@mandeni.gov.za</a>
Patience Sibisi	Mandeni Local Municipality		<a href="mailto:patience.sibisi@mandeni.gov.za">patience.sibisi@mandeni.gov.za</a>
Nokuthula Fakude	Mandeni Local Municipality		<a href="mailto:nokuthula.fakude@mandeni.gov.za">nokuthula.fakude@mandeni.gov.za</a>
Mr Mzimela			<a href="mailto:mzimelah@unizulu.ac.za">mzimelah@unizulu.ac.za</a>
Masupha Mathenjwa	iLembe District Municipality: Environmental Officer	032 946 2711/ 082 218 4737	<a href="mailto:masupha.mathenjwa@ilembe.gov.za">masupha.mathenjwa@ilembe.gov.za</a>
Nonhlanhla Gamede	iLembe District Municipality: Municipal Manager	324379501	<a href="mailto:nonhlanhla.gamede@ilembe.gov.za">nonhlanhla.gamede@ilembe.gov.za</a>
Gerald Dlamini	illembe District Municipality: Agriculture Director	0324377800 0824547321	<a href="mailto:gerald.dlamini@kzndard.gov.za">gerald.dlamini@kzndard.gov.za</a>
Renelle Karen Pillay	DWS	313362742	<a href="mailto:pillayr@dws.gov.za">pillayr@dws.gov.za</a>
Dr Jonas Mphepya	DEA: Oceans and Coasts-Conservation	+27 21 405 9429	<a href="mailto:imphepya@environment.gov.za">imphepya@environment.gov.za</a>
Mr Lisolomzi Fikizolo	DEA: Oceans and Coasts-Specialist Monitoring Services	+ 27 21 819 2575	<a href="mailto:Lfikizolo@environment.gov.za">Lfikizolo@environment.gov.za</a>
Mr Ashley Naidoo	DEA: Oceans and Coastsal Research	+27 21 819 5001	<a href="mailto:anaidoo@environment.gov.za">anaidoo@environment.gov.za</a>
Musiwalo Makhuvha	Department of Economic Development, Tourism and Environmental (KZN Oceans Economy)	0332642793	<a href="mailto:MakhuvhaM@kznded.gov.za">MakhuvhaM@kznded.gov.za</a>
Mustaq Hoosen	(KZN Dept of Agriculture & Rural Development) Directorate: Investment & Donor Fund Management Cedara (Livestock/Old Agrilek Building)	Mobile: 0828124745 Office: 033 3559476	<a href="mailto:Mustaq.Hoosen@kzndard.gov.za">Mustaq.Hoosen@kzndard.gov.za</a>
Thutula Sinxoto	Department economics development environment and tourism	0728575690 0332642624	<a href="mailto:sinxotot@kznded.gov.za">sinxotot@kznded.gov.za</a>
Theo Van Rooyen	Department Agriculture and Rural Development - Director responsible for aquaculture	0825701983	<a href="mailto:Theo.vanrooyen@kzndard.gov.za">Theo.vanrooyen@kzndard.gov.za</a>

Muzi Mdamba	Department of Agriculture and Environmental Affairs	Tel: 0357806844 Fax: 035 789 8211 Cell: 082 8222 582	<a href="mailto:Muzi.Mdamba@kzndae.gov.za">Muzi.Mdamba@kzndae.gov.za</a>
Muziwandile Mdamba	KZN EDTEA		<a href="mailto:muziwandile.mdamba@kznedtea.gov.za">muziwandile.mdamba@kznedtea.gov.za</a>
	Department of Trade and Investment, KZN		-
	Department of Trade and Industry	313 342 560	-
Hester Roodt	Amafa/ Heritage KZN	333 946 543	<a href="mailto:phoarchaeology@amafapmb.co.za">phoarchaeology@amafapmb.co.za</a>
<b>Stakeholders</b>			
Mr Ntuli	Spokesperson Macambini Traditional Council	0820553196	<a href="mailto:mathabapmt@gmail.com">mathabapmt@gmail.com</a>
Sicelo Makhathini	official Ingonyama Trust Board	0724461304; 0338469923	<a href="mailto:MakhathiniS@ingonyamatrust.org.za">MakhathiniS@ingonyamatrust.org.za</a>
Fikisiwe Madlopha	CEO Ingonyama Trust Board		<a href="mailto:pa2ceo@ingonyamatrust.org.za">pa2ceo@ingonyamatrust.org.za</a> <a href="mailto:MadlophaF@ingonyamatrust.org.za">MadlophaF@ingonyamatrust.org.za</a>
Guy Upfold	Amatikulu Aquarium Plants cc – Ornamental Fishfarm	0823333996	<a href="mailto:guy@aquariumplants.co.za">guy@aquariumplants.co.za</a>
Bheki Ngema	Ornamental Farmer amatikulu	0734576202	
Matthew Myburgh	Amatikulu Pet Products/ The Hatchery	0823374572	<a href="mailto:matthew@amatikulu.co.za">matthew@amatikulu.co.za</a>
Louis Kruger	Amatikulu Pet Products	0350040016	
S Ndlovu	Community Leader	0786645877	
FD Sthole	Community Leader	0733468751	
MM Mthembu	Community Leader	0733355251	
J Sibiya	Community Leader	0713497569	
M Cele	Community Leader	0836193896	
M Shelembe	Community Leader	0720261629	
Nomsa Dube-Ncube	Department of Cooperative Governance and Traditional Affairs	332645500 0716500000	<a href="mailto:mecpa@kzncogta.gov.za">mecpa@kzncogta.gov.za</a>
	Enterprise iLembe		
Ms. Dinesree Thambu	Ezemvelo KZN Wildlife- Acting Coordinator for IEM - Planning Division	033 845 1999	<a href="mailto:dinesree.thambu@kznwildlife.com">dinesree.thambu@kznwildlife.com</a>
	Dokodweni Beach Camp	071 250 9626	<a href="mailto:dokodwenibeachcamp@gmail.com">dokodwenibeachcamp@gmail.com</a>
	WESSA Blueflag Beaches	082 337 1273	<a href="mailto:blueflag@wessa.co.za">blueflag@wessa.co.za</a>
Frans van der Walt	QS2000 Quantity Surveyors	035 753 4184/ 082 460 0875	<a href="mailto:frans@qs2000plus.co.za">frans@qs2000plus.co.za</a>
Di Jones	CoastWatch KZN		<a href="mailto:coastwatch@telkomsa.net">coastwatch@telkomsa.net</a>
Wendy Forse	Mtunzini Conservancy	035 340 2586	<a href="mailto:twiga@iafrica.com">twiga@iafrica.com</a>
Neil Evans	Mtunzini Conservancy	035 340 2586	<a href="mailto:evansn@unizulu.ac.za">evansn@unizulu.ac.za</a>



Bethuel Sithole	Amatikulu Kob	083 267 1580	<a href="mailto:bethuelsitholem@gmail.com">bethuelsitholem@gmail.com</a>
Neil Stallard	Zini Fish Farms	082 893 8252	<a href="mailto:neil@zinifishfarms.co.za">neil@zinifishfarms.co.za</a>
Lucina Sinclair	KZN Aquaculture Working Group		<a href="mailto:sinclairl@ada-kzn.co.za">sinclairl@ada-kzn.co.za</a>
	Registered		

## APPENDIX E.5 Correspondence and Minutes of Meetings

Two (2) pre-application authority meetings were held in March 2018; one on 5<sup>th</sup> March 2018 in Cape Town and one on 12<sup>th</sup> March 2018 in KwaZulu Natal.



# agriculture, forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

**BRANCH: FISHERIES MANAGEMENT**  
**AMATHIKULU AQUACULTURE DEVELOPMENT ZONE EIA**  
**PRE-APPLICATION MEETING**  
**Date: Monday, 05 March 2018, Time: 12:00 –14:00, Venue: DAFF Offices in CT,**  
**Chairperson: Etienne Hinrichsen**  
**MINUTES**

No.	Item	Responsibility
1.	<b>Opening &amp; Welcome</b>	
	The chairperson welcomed all.	
2.	<b>Present &amp; Apologies</b>	
	<p><b>Present:</b></p> <ol style="list-style-type: none"> <li>1. Etienne Hinrichsen (EH)</li> <li>2. Bryony van Niekerk (BvN)</li> <li>3. Michelle Pistorius (MP)</li> <li>4. Kishan Sankar (KS)</li> <li>5. Belemane Sem (BS)</li> <li>6. Millicent Solomons (MS)</li> <li>7. Maxhiba Jezile (MJ)</li> <li>8. Andrea Bernatzedder (AB)</li> <li>9. Funanani Ditinti (FD)</li> <li>10. Makhale Andani (MA)</li> <li>11. Zimkita Magangana (ZM)</li> <li>12. Zimasa Jika (ZJ)</li> </ol> <p><b>Apologies:</b></p> <ol style="list-style-type: none"> <li>1.</li> </ol>	
3.	<b>Finalisation of agenda</b>	ALL
	Agenda was adopted.	
4.	<b>Matters arising</b>	
4.1	<p>EH and BvN gave a brief presentation on the proposed project in terms of the background, layout, water abstraction and discharge methods, specialist findings and issues identified. The floor was then opened for discussion:</p> <p><u>Alternatives:</u></p> <p><b>MS-</b> This seems to be a very sensitive site. Have any alternative been considered?</p>	

	<p><b>EH-</b> No alternatives have been proposed as of yet, however, we are aware that this needs to be looked into. An alternative site just to the north of the proposed site has undergone a desktop review. It has very similar environmental sensitivities bar for the estuary.</p> <p><b>MS-</b> I think this site needs to be looked at in detail.</p> <p><b>BS-</b> There is a document which details all of the areas identified for ADZ. This site was chosen because it was/is already a fish farm. We can provide motivation for why there is only one site and no alternatives.</p> <p><b>MS-</b> Must note that this EIA may be refused.</p> <p><u>Site:</u></p> <p><b>AB-</b> This site is the only area along the coast which is not protected.</p> <p><u>Estuary:</u></p> <p><b>BS-</b> Why can't we discharge into the estuary?</p> <p><b>EH-</b> It's a closed estuary. Estuary is in good condition and the Ecologist recommends that this isn't done.</p> <p><b>BS-</b> We can apply for a dredging license to open the estuary permanently.</p> <p><u>Setback line:</u></p> <p><b>MS-</b> The local municipality must deal with the decision of the setback line. DEA will accept what they say in this regard (in terms of development in front of the setback line). What are the tradeoffs? I'm concerned about how the adoption of the development setback line will impact on the EIA process. If you are proposeing to develop in front of the setback line, compensation must be looked at and incorporate offsets (as a last resort) into the planning process.</p> <p><b>KS-</b> Maintenance of the dunes could be a mitigation measure.</p> <p><b>FD-</b> Why was the setback line placed there? What is the reasoning behind it?</p> <p><u>Species:</u></p> <p><b>FD-</b> What species will be farmed?</p> <p><b>EH-</b> Baramundi, Tilapia, sea cucumbers, Catfish</p>	
--	--	--



# agriculture, forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

**BRANCH: FISHERIES MANAGEMENT**  
**AMATIKULU AQUACULTURE DEVELOPMENT ZONE: EIA**  
**PRE-APPLICATION MEETING**  
 Date: Monday, 12 March 2018, Time: 10:00 –12:00, Venue: EDTEA Offices in  
 Stanger KZN,  
 Chairperson: Etienne Hinrichsen  
**MINUTES**

No.	Item	Responsibility
<b>1.</b>	<b>Opening &amp; Welcome</b>	
	The chairperson welcomed all.	
<b>2.</b>	<b>Present &amp; Apologies</b>	
	<p><b>Present:</b></p> <ol style="list-style-type: none"> <li>1. Etienne Hinrichsen (EH)</li> <li>2. Bryony van Niekerk (BvN)</li> <li>3. Omar Parak (OP)</li> <li>4. Irene Hatton (IH)</li> <li>5. Kashrina Sookraj (KAS)</li> <li>6. Santosh Bachoo (SB)</li> <li>7. Nombulelo Zungu (NZ)</li> <li>8. Simon Bundy (SBu)</li> <li>9. Michelle Pistorius (MP)</li> <li>10. Kishan Sankar (KIS)</li> <li>11. Linda Sibiya (LS)</li> <li>12. Masuphe Matheywe (MM)</li> <li>13. Thandeka Thusi (TT)</li> <li>14. Langalakhe Msomi (LM)</li> </ol> <p><b>Apologies:</b></p> <ol style="list-style-type: none"> <li>1. Malcolm Moses (MM)</li> </ol>	
<b>3.</b>	<b>Finalisation of agenda</b>	ALL
	Agenda was adopted.	
<b>4.</b>	<b>Matters arising</b>	
4.1	EH and BvN gave a brief presentation on the proposed project in terms of the background, layout, water abstraction and discharge methods, specialist findings and issues identified. The floor was then opened for discussion:	

	<p><u>Alternatives:</u></p> <p><b>OP-</b> Have any alternatives been proposed? From the information presented, it appears that the site has several potential fatal flaws. The option of layout alternatives should also be explored. Additionally, the socio-economic viability of the project needs to be overtly substantiated. Aquaculture projects have been tried along the KZN coastline before and have, on the whole, not been very successful.</p> <p><b>EH-</b> No alternatives have been proposed as of yet, however, we are aware that this needs to be looked into.</p> <p><u>Site:</u></p> <p><b>IH-</b> Why is the project constrained to this site? Is there a reason you can't move the site 50m to the west? If this was done, then the site becomes viable and the ecological sensitives are avoided.</p> <p><b>EH-</b> The proposed site is owned by the Tribal Authority. As far as we are aware, the land to the north is privately owned. This would have to be verified. There are no ancestral graves or heritage concerns pertaining to the current site.</p> <p><u>Application:</u></p> <p><b>NZ-</b> Will an integrated application be submitted (waste license application together with the EIA application)?</p> <p><b>EH-</b> No, a standard Application process will be submitted. We do not know the quantities or types of waste that will be generated at this stage. Therefore, it will be the responsibility of the Developer to apply for a waste license.</p> <p><u>Estuary:</u></p> <p><b>OP-</b> Abstraction and discharging into the estuary is a problem. The Amatikulu estuary is classified as a temporarily open/closed estuary (TOCE). If the system comes down in flood, the mouth will most likely open further south than where the proposed pipelines lie. Therefore, the pump will have no water to pump and will run dry. The Provincial Department will not readily support the abstraction from and subsequent discharge into the estuary.</p> <p><b>SB-</b> The abstraction from the estuary will also be an issue for the Amatikulu Nature Reserve.</p> <p><b>EH-</b> From this point of the view, the estuary is then a red flag.</p> <p><b>SB-</b> Definitely, the estuary abstraction and discharge option is no good.</p>	
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	<p><b>KIS-</b> There have been discussions from our side regarding possibly applying to permanently open the mouth of the estuary in order to abstract seawater.</p> <p><b>SB-</b> That is definitely not an option. The estuary is in pristine condition, the water quality is exceptional and opening the mouth will change the nature of the ecosystem. The effluent discharges could also have an impact on the wildlife, such as crocodiles, upstream.</p> <p><b>OP-</b> Agree with SB. Opening of the estuary mouth will not be supported by EDTEA's Coastal Management Unit.</p> <p><b>IH-</b> In agreement with SB and OP. Do not support the manipulation of the mouth.</p> <p><b>KIS-</b> Is there an Estuary Management Plan for the Amatikulu Estuary?</p> <p><b>SB-</b> Currently there is no estuary management plan. At this point, due to the shifting nature of the mouth, a joint management plan would be required. The mouth used to be located within the Amatikulu Nature Reserve and is the meeting point of the Nyoni and Amatikulu Rivers.</p> <p><b>OP-</b> The estuary would likely form part of the proposed Operation Phakisa Thukela Marine Protected Area (MPA).</p> <p><b>OP-</b> Has an estuarine specialist study been conducted? This study would be able to tell you everything that you need to know re the estuary and the sensitivity thereof. If you are planning on including the option of abstraction from and discharge into the estuary, then the Province would require an estuarine study to be undertaken by a suitably qualified estuarine specialist.</p> <p><b>EH-</b> This study has not been done as of yet. However, if we remove the option of the estuary then that specialist study may not be necessary?</p> <p><b>OP-</b> Correct – this would be motivation provided for no estuarine specialist study being required.</p> <p><u>Wetland:</u></p> <p><b>MM-</b> A wetland, ecological system has been created. How can this be dealt with. Do we retain the wetland or not?</p> <p><b>EH-</b> Is the site so sensitive that it must be retained? It's a man-made system.</p> <p><b>NZ-</b> Need to assess the functionality of the wetland to determine the process.</p> <p><b>SBU-</b> If you had to cut the water emanating from the existing aquaculture project to the wetland, the dune would take over the area. The wetland would cease to exist.</p>	
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<p><u>Water Availability:</u></p> <p><b>OP-</b> Where are the 3 boreholes located on site? What would happen to the freshwater tunnels if the aquifer ran dry? Do you have the volumes of water that the boreholes can supply?</p> <p><b>IH-</b> Do not know the exact locations offhand of the boreholes. Do not know the current volumes of water that the boreholes provide.</p> <p>SB: Saline intrusion could pose a challenge.</p> <p><b>OP-</b> A contingency plan needs to be thought of and be provided in the assessment as there is a critical assumption that the freshwater supply to the aquaculture project will solely be derived from the boreholes.</p> <p><u>Setback line:</u></p> <p><b>OP-</b> Risk lines for the KZN coast have recently been drafted, and in terms of that, the ecological setback line that SBu has proposed does not look too bad. SBu has actually been conservative and this approach is supported.</p> <p><b>IH-</b> The site is a critical linkage line, therefore I am much happier with SBu line than the draft risk lines. Best to keep that wide linkage corridor.</p> <p><b>OP-</b> Important to note that draft risk lines haven't taken into account the extreme erosion that has occurred in the area over the last few years. I am also happy with SBu lines. It should however be noted that the current risk lines will inform coastal management lines, for which SBu has already proposed a setback buffer.</p> <p><b>KIS-</b> Aquaculture is one of the few activities that can occur behind the setback line due to the nature of the activity. Strict mitigation must just be in proposed.</p> <p><b>OP-</b> We would like to see that a more risk averse approach to development along the coastline be taken as opposed to solely relying on the draft provincial risk lines (of which the related "setback" is still to be determined. Province is still developing a management line. SBu has developed a setback line behind which the development footprint is confined. The province doesn't have a setback determination as yet – merely the risk line. The related shapefiles will be made available to SBu.</p> <p><u>Species:</u></p> <p><b>SB:</b> Will any exotic species be brought in? This would be a concern. We also have a policy of no bottom fishing. Harvesting of broodstock from the coast could also be potentially be an issue. Also to note, there is a snail infestation currently in the area.</p> <p><b>IH-</b> The report needs to be worded in such a way that no inappropriate</p>	
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species are included at all.

Operation:

**OP-** Will the operation be a public-private partnership or solely government driven? There is also the assumption that the developer will go with what has been authorized. Many times there are amendments etc. - will a potential investor be 100% satisfied with the proposed layout and infrastructure that would have been applied for?

**KIS-** The developer will have to be happy with what is authorized in the EA and fall in line.

**SB-** Will this proposed operation be in competition with the other aquaculture facilities in the area such as Umlalazi or will it be a joint venture per se? This project obviously has government backing so has an advantage.

**KIS-** DAFF is not in the business of putting other aquaculture operations out of business. They are in talks with other operations in KZN.

Other issues:

**SB-** Will the movement of the sand and the seawater abstraction pipeline not be an issue?

**Sbu-** This would be an issue, I would recommend that the pipeline be placed in the rip current located north of the site.

**OP:** Any pipeline to sea/estuary for abstraction/discharge will likely require a lease from Province (EDTEA) in terms of the Sea Shore Act. The site may also be bound by Admiralty Reserve on the seaward (eastern) side.

**MP:** DAFF has experience with lease-related matters from an aquaculture project implemented in the Eastern Cape.

**EH-** Where is the blue flag beach?

Blue flag beach is up to the mouth of the estuary

**OP-** Access to the blue flag beach is a challenge.

**MM-** Access is a challenge; you basically have to cross the estuary to access the beach. Plan is to move the beach access to the north. However, this would have to be planned, budgeted and managed accordingly.

**MM-** This EIA process should align with the tourism planning that is currently happening in the area. A local area based plan has been developed for the area as well. We, as the local municipality, have been battling to manage this area environmentally for some time\_- there is veld burning and cattle

	<p>grazing. Need to manage this area down the line in terms of the MPA and this project.</p> <p><b>IH-</b> There has been mention of a waterpark in the past?</p> <p><b>MM-</b> There is also a map of the area indicating where all proposed activities are to be taking place. The town planner has it.</p> <p><b>OP-</b> There is a proposed new public [boat] launch site just to the north of the proposed site. This could pose public access implications for the proposed facility.</p> <p><b>MM-</b> The launch site is going ahead but it is more north of the proposed site. However, the most viable access route to the proposed launch site has yet to be determined.</p>	
<b>5</b>	<b>Way Forward</b>	
	<p>OP to send SBu draft risk lines.</p> <p>MM to provide local area development plan and map indicating all proposed tourism facilities in the area.</p>	

**APPENDIX E.6 Draft Scoping Report:**

**Proof of notification & invitation to comment (Stakeholders and Compliance Organizations)**

To be included in the Final Scoping Report. This submission is a draft.