

Province of the EASTERN CAPE

ECONOMIC DEVELOPMENT,
ENVIRONMENTAL AFFAIRS AND TOURISM

CACADU REGION

P/Bag X5001 GREENACRES Port Elizabeth South Africa, 6057

Phone: +27 (041) 5085800 Fax: +27 (041) 5085865

Web: www.deaet.ecprov.gov.za

E-mail: Chuma.Gushu@deaet.ecape.gov.za

Mandela Bay Development Agency P. O Box 74 Port Elizabeth 6000 Reference

: Ecm1/LN1&3/M/11-103

Enquiries

: C. Gushu

Fax: 041 501 8311

Attention: Yonela Madyibi

APPLICATION FOR AUTHORISATION IN TERMS OF SECTION 24 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT 107 OF 1998 TO UNDERTAKE A LISTED ACTIVITY AS SCHEDULED IN THE ENVIRONMENTAL IMPACT ASSESSMENT REGULATIONS, 2010: PROPOSED LANDSCAPING AND REDEVELOPMENT OF THE SOUTHERN PORTION OF THE KINGS BEACH NODE ON THE NELSON MANDELA BAY BEACHFRONT (PHASE 2) WITHIN THE NELSON MANDELA BAY MUNICIPALITY

With reference to the above-mentioned application (Reference number: ECm1/LN1&3/11-103), please be advised that the Department has decided to grant authorisation. The Authorisation Notice and reasons for the decision are attached herewith.

In terms of Regulation 10(2) of the Environmental Impact Assessment Regulations, 2010, you are instructed to notify all registered interested and affected parties, in writing and within 12 (twelve) calendar days of the date of this letter, of the Department's decision in respect of your application.

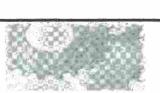
- 1. The written notification referred to above must -
 - 1.1 Specify the date on which the Authorisation was issued;
 - 1.2 Inform interested and affected parties of the appeal procedure provided for in Chapter 7 of the NEMA EIA Regulations, 2010; and
 - 1.3 Advise interested and affected parties that a copy of the Environmental Authorisation and reasons for the decision will be furnished on request.
- 2. Should you decide to appeal, you must serve a copy of your notice of intention to appeal on all registered interested and affected parties as well as a notice indicating where, and for what period, the appeal submission will be available for inspection.

Only appeals on environmental grounds can be considered. All appeals should be accompanied by relevant supporting documentation.











CHIEF DIRECTORATE: ENVIRONMENTAL AFFAIRS

- 3. Notice of intention to appeal against the decision contained in this Authorisation must be addressed in writing, to the MEC for Economic Development, Environmental Affairs & Tourism (hereinafter referred to as "the MEC") in terms of Regulation 60(1) of the NEMA EIA Regulations, 2010 and within twenty (20) days after the appellant has been notified in terms of Conditions 1 and 2 of the decision.
- 4. The address to which the **original** notice of intention to appeal must be mailed is outlined below. Please note that originals may also be delivered per hand or courier.

Department	Economic Development , Environmental Affairs & Tourism
Attention	General Manager: Environmental Affairs
Postal Address	Private Bag X0054, BHISHO, 5605
Hand delivery	Beacon Hill, Hockey Close, King Williamstown
In order to facilitate efficient administration of intention to appeal and any subsequent appearsubmitted as follows:	
General Manager: Environmental Affairs per fax:	[043] 605 7300
Manager: Mr. S. Gqalangile - Environmental Impact Management per fax:	[043] 605 7300
It is strongly recommended that electronic copies of all appeal documentation also be e-mailed	E-mail addresses will be supplied on request

In the event that an appeal is lodged with regard to this Authorisation, the listed activities described in this Authorisation may not commence prior to the resolution of the appeal and prior to the Department's written confirmation of compliance with all conditions that must be met before construction can commence, whichever event is the latter.

DAYALAN GOVENDER

DEPUTY DIRECTOR: ENVIRONMENTAL AFFAIRS

CACADU REGION

DATE: 38/07/25/72



PROVINCE OF THE EASTERN CAPE

CACADU REGION

Private Bag X5001, Greenacres, Port Elizabeth

South Africa, 6057

Phone: (041) 508 5800 Fax: (041) 508 5865

E-mail: Chuma.Gushu@deaet.ecape.gov.za

ECONOMIC DEVELOPMENT, ENVIRONMENTAL AFFAIRS AND TOURISM

Environmental Authorisation

AUTHORISATION NOTICE REGISTER NUMBER	ECm1/LN1&3/M/11-103
LAST AMENDED	Not applicable
HOLDER OF AUTHORISATION	Mandela Bay Development Agency
LOCATION OF ACTIVITY	The southern Portion of the Kings Beach Node on the Nelson Mandela Bay Southern Beachfront (Erf 1031, Erf 576, and Erf 575, Humewood) within the Nelson Mandela Bay Municipal Area.

DEFINITIONS:

The following definitions are applicable to this Environmental Authorisation:

"EIA regulations" – These are the Environmental Impact Assessment Regulations published in Government Notice R543 of 18 June 2010 in terms of Chapter 5 of the National Environmental Management Act, Act 107 of 1998.

"The Department" – The Department of Economic Development, Environmental Affairs and Tourism, Eastern Cape Province.

"Commencement" – Any physical activity on site that can be viewed as associated with the construction and repair of rock revetments on the coastal zone, inclusive of initial site preparation.

1. Decision

The Department is satisfied, on the basis of information available to it and subject to compliance with the conditions of this Environmental Authorisation that the applicant should be allowed to undertake the activity specified below. Details regarding the basis on which the Department reached this decision are set out in Section 4 of this Authorisation.

2. Activities and regulations for which authorisation has been granted
By virtue of the powers conferred on it by the National Environmental Management Act, Act
107 of 1998 and the Environmental Impact Assessment Regulations, 2010 the Department

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hereby authorises the Mandela Bay Development Agency being the legal or natural person who has applied for this Authorisation, with the following contact details:

Name	Mandela Bay Develop	ment Agency	D.
Address	P O Box 74, Port Elizabeth, 6000		
Telephone	041 501 8300	Fax	041 501 8311
Contact	Yonela Madyibi	E-mail	yonela.madyibi@mbda.co.za

To undertake the following activity (hereafter referred to as "the activity"), in terms of the scheduled activities or activities listed in the table below:

Detailed description of activity

The project entails phase 2 of the re-development and landscaping of the southern Portion of the Kings Beach Node of the Nelson Mandela Bay southern beachfront within the Nelson Mandela Bay Municipal Area. The project includes the following:

- The construction of two access boardwalks that will cross the dune system and associated rehabilitation of the dune;
- Construction of an artificial wetland of 2000m²; and
- Landscaping that will include the improvement of the stormwater management.
- Access to the site is through Marine Drive or Beach Road and the main parking area at Kings Beach.

parking are	ea at Kings Deach.
	Listed Activities
R 544 (16)	Construction or earth moving activities in the sea, an estuary, or within the littoral active zone or a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever is the greater, in respect of - i. fixed or floating jetties and slipways; ii. tidal pools; iii. embankments; iv. rock revetments or stabilising structures including stabilising walls; v. buildings of 50 square metres or more; or vi. infrastructure covering 50 square metres or more - but excluding a) if such construction or earth moving activities will occur behind a development setback line; or b) where such construction or earth moving activities will occur within the existing ports or harbours and the construction or earth moving activities will not increase the development footprint or throughput capacity of the port or harbour;

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	c) where such construction or earth moving activities is undertaken for purposes of maintenance of the facilities mentioned in (i)-(iv) above; or where such construction or earth moving activities is related to the construction of port or harbour, in which case activity 24 of Notice 545 of 2010 applies.
R 544 (17)	The planting of vegetation or placing of any material on dunes and exposed sand surfaces, within the littoral active zone for the purposes of preventing the free movement of sand, erosion or accretion, excluding where the planting of vegetation or placement of material relates to restoration and maintenance of indigenous coastal vegetation or placing of material will occur behind the development setback line.
R 544 (18)	The infilling or depositing of any material of more than 5 cubic metres into, or dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock from i. a watercourse; ii. the sea; iii. the seashore; iv. 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 greater-
	but excluding where such infilling, depositing, dredging, excavation, removal or moving i. is for maintenance purposes undertaken in accordance with a management plan agreed to by the relevant environmental authority; or ii. occurs behind the development setback line.
R 546 (12)	The clearance of an area of 300 square metres or more of vegetation where 75% or more of the vegetation cover constitutes indigenous vegetation: a) within the littoral active zone or 100m inland from high water mark of the sea or an estuary, whichever distance is the greatest, excluding where such removal will occur behind the development setback line on erven in urban areas.

At the locality defined in the Table below, and hereafter referred to as "the property":

District	Cacadu
Municipal Area	Mandela Bay Development Agency
Farm Name	N/A
Farm Number and Portion	N/A
Erf Number and Township Extension	Erf 1031, Erf 576 and Erf 575, Humewood
or Suburb	
Co-ordinates	33° 58' 23.17" S & 25° 38'4570" E
Physical address	The southern Portion of Kings Beach Node on the

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	Nelson Mandela Bay southern beachfront (Erl 1031, Erf 576 and Erf 575, Humewood), within the Nelson Mandela Bay Municipality.
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This Environmental Authorisation is granted subject to the conditions set out below.

3. Conditions

The Department of Economic Development, Environmental Affairs and Tourism may from time to time review this Environmental Authorisation and on good grounds and after written notice to the holder thereof, suspend or amend such Environmental Authorisation.

3.1. Duration of authorisation

- 3.1.1. Construction of the boardwalks and artificial wetland as authorised in this Environmental Authorisation must commence within a period of 12 (twelve) months from the date of issue of this Authorisation. If commencement of the activity does not occur within this period, this Environmental Authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken.
- 3.1.2. Construction to be completed within 12 (twelve) months of commencement.
- 3.1.3. Conditions relating to the operation of the project are valid in perpetuity.

3.2. Standard conditions

- 3.2.1. Authorisation is subject to the conditions contained in this Environmental Authorisation which conditions form part of the Environmental Authorisation and are binding on the holder thereof.
- 3.2.2. This Environmental Authorisation applies only to the activities and property described therein.
- 3.2.3. This Environmental Authorisation does not negate the holder thereof of his/her responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity, specifically, amongst others, the National Water Act (No. 36 of 1998), and the National Environmental Management: Integrated Coastal Management Act (No. 24 of 2008).
- 3.2.4. The holder of this Environmental Authorisation shall be responsible for ensuring compliance with the conditions by any person acting on his or her behalf, including but not limited to, an agent, sub-contractor, employee or person rendering a service to the holder of this Environmental Authorisation.
- 3.2.5. Should any environmental damage be detected, that in the opinion of this Department, is the result of the development, then the applicant shall be required to make good that damage to the satisfaction of the said authority at his/her own expense.
- 3.2.6. In the event of any dispute as to what constitutes environmental damage, this Department's opinion will prevail.
- 3.2.7. Any changes to, or deviations from, the project description set out in this Environmental Authorisation must be approved, in writing, by the Department

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before such changes or deviations may be effected. In assessing whether to grant such approval or not, the Department may request such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder of this Environmental Authorisation to apply for further authorisation in terms of the regulations.

- 3.2.8. This Environmental Authorisation is issued to the applicant described above. Should the applicant wish to transfer this Environmental Authorisation to another person (whether legal or natural), then written notification of such proposed transfer must be sent to this Department a reasonable time before such transfer is proposed to take place. The Department will then consider the request and inform the applicant in writing as to whether the transfer is approved or not. Transfer may only take place if the Department has approved the transfer and issued such written approval. Conditions established in this Environmental Authorisation must be made known to and are binding on the new owner/developer.
- 3.2.9. This Environmental Authorisation must be made available to any interested and affected party who has registered their interest in the proposed development. The applicant is responsible for ensuring that a copy of this Environmental Authorisation is given to any such interested and affected party within 12 (twelve) days of receiving this Environmental Authorisation.
- 3.2.10. The Authorisation must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorisation who works or undertakes work at the property.
- 3.2.11. Where any of the applicant's contact details change, including the name of the responsible person, the physical or postal address and/or telephonic details, the applicant must notify the Department as soon as the new details become known to the applicant.
- 3.2.12. In all cases, the holder of the Environmental Authorisation must notify the Department, in writing, within 30 days if a condition of this Authorisation is not adhered to. Any notification in terms of this condition must be accompanied by reasons for the non-compliance.
- 3.2.13. Non-compliance with a condition of this Environmental Authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, Act 107 of 1998 and the regulations.

3.3. Project - specific conditions

- 3.3.1. Fourteen days written notice must be given to the Department that the activity will commence. Commencement for the purposes of this condition includes site preparation. The notice must include a date on which it is anticipated that the activity will commence.
- 3.3.2. The construction of the boardwalks and the artificial wetland must be in accordance with the specifications contained in the drawings dated 13.12.2011 and 15.12.2011 respectively, drawn by Earthworks Landscape Architects and attached as Appendix C to the Basic Assessment Report compiled by CEN Integrated Environmental Management Unit, titled: "Final Basic Assessment Report: Re-development and landscaping of the Southern Portion of the kings

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- Beach Node of the Nelson Mandela bay southern beachfront (phase 2)" dated April 2012.
- 3.3.3. Stormwater control measures and adequate drainage measures must be incorporated into the design to minimise any form of erosion and contamination of the stormwater by making use of stormwater detention and retention structures.
- 3.3.4. Further to Condition 3.3.3, the stormwater management plan for the construction and operational phases of the activity attached as Appendix D of the Basic Assessment Report titled: "Final Basic Assessment Report: Re-development and landscaping of the southern portion of the Kings Beach Node of the Nelson Mandela Bay southern beachfront (phase 2)" dated April 2012, must be implemented.
- 3.3.5. A Construction Environmental Management Programme (CEMP) submitted as Appendix F of the Basic Assessment Report is hereby approved by DEDEAT and is to be implemented during the construction phase of the project together with the conditions contained in this Environmental Authorisation.
- 3.3.6. Further to Condition 3.3.5, the following general principles of environmental management to be implemented during the construction phase of the project if not specifically contained within the CEMP:
 - 3.3.6.1. No cement/concrete mixing to take place on the soil surface. Cement mixers to be placed on large trays to prevent accidental spills from coming into contact with the soil surface:
 - 3.3.6.2. Concomitant to Condition 3.3.6.1, any cement mixing must take place above the high-water mark, and spills into the ground must be prevented and emergency contingency plans must be put in place:
 - 3.3.6.3. Generators and fuel supply needed during construction must be placed on trays, which rest on clean sand. Once construction has been completed, this sand must be removed from site and disposed of at a suitably registered waste disposal site;
 - 3.3.6.4. Any substrate contaminated by the spillage of hydrocarbons or other pollutants to be removed from the site and disposed of at a suitably registered waste disposal site;
 - 3.3.6.5. No servicing of vehicles and other machinery to take place on site and no fuel or other hazardous material to be stored on site:
 - 3.3.6.6. All excess construction material and any waste generated during construction must be removed from site on an on-going basis and disposed of at a suitably registered waste disposal site;
 - 3.3.6.7. The contractor must provide adequate waste disposal and sanitation facilities and must ensure that these facilities are properly used and maintained:
 - 3.3.6.8. Clear stipulations as to who is responsible and accountable for what actions; and
 - 3.3.6.9. Sufficient erosion control measures must be stipulated and adhered to.
- 3.3.7. Mandela Bay Development Agency will be held liable in the event of non-compliance with any condition of this Authorisation Notice or any stipulation of the CEMP by any contractor associated with this activity.

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- 3.3.8. An Environmental Control Officer (ECO) must be appointed and stationed on site to oversee the implementation of the CEMP as well as adherence to the conditions contained in this Environmental Authorisation.
- 3.3.9. Non-compliance with any stipulation in the EMP will be regarded as non-compliance in terms of this Environmental Authorisation.
- 3.3.10. All construction activities to be restricted to normal working hours being 08:00 to 17:00 on weekdays. No construction to take place on weekends and public holidays.
- 3.3.11. A permit for use of vehicles on the beach during construction must be obtained from the national Department of Environmental Affairs, Oceans and Coast Branch, prior to the commencement of construction.
- 3.3.12. Disturbance of the Beach environment during project implementation must be minimised and any disturbed areas appropriately rehabilitated.
- 3.3.13. The development footprint must be clearly demarcated and all construction activities must be strictly confined to within such demarcated area.
- 3.3.14. All reasonable measures are to be taken to ensure the safety of the general public on the beach during construction, inclusive of the restriction of access to the construction area and warning signage explaining possible dangers of construction areas.
- 3.3.15. No blanket clearing of vegetation should take place on site and removal of indigenous vegetation must be avoided and appropriately rehabilitated as soon as construction is complete.
- 3.3.16. All alien invasive species that may occur on site are to be removed in a progressive manner, and any such species colonising disturbed ground are to be removed before reaching the seed formation stage.
- 3.3.17. All areas disturbed as a result of construction to be rehabilitated to a condition equivalent or better than that prior to construction, and dunes are to be rehabilitated with indigenous vegetation specific to the area in a progressive manner.
- 3.3.18. Appropriate measures must be put in place to ensure that the structures do not constitute a hazard to users of the coastal zone in the vicinity of the structures.
- 3.3.19. The structures must be maintained in a manner which ensures its continued functionality, integrity and satisfactory appearance.
- 3.3.20. No waste must be buried on site. The waste material and rubble resulting from construction activities must be removed from the site and disposed of at a registered landfill site.
- 3.3.21. This office must be timeously notified should the applicant intend to remove any part of the structures.
- 3.3.22. Should the structures sustain damage as a result of storm action or any other event, it must be restored to its original state within six (6) months.
- 3.3.23. The upper slope of the fore-dune must not be destabilised, and the existing natural vegetation must be retained and the growth of additional natural vegetation encouraged.
- 3.3.24. The South African Heritage Resources Agency (SAHRA) must be contacted immediately should any archaeological findings be discovered during the course of the development.

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- 3.3.25. A post-construction Environmental Audit to be conducted by the ECO once construction is completed. The audit is to include pre-construction, during construction and post-construction photographic records for each of the construction sites.
- 3.3.26. An environmental aftercare period of six (6) months to be maintained to ensure that construction around the beach has been adequately rehabilitated and that no post-construction residual effects are present.
- 3.3.27. Monitoring of the boardwalks and artificial wetland to be undertaken quarterly to ensure better management of the dunes closer to the beach area. If any erosion is detected, measures are to be in place to enable remediation of and prevention of further erosion.
- 3.3.28. Before decommissioning takes place, a detailed report dealing with environmental impact management during decommissioning must be drawn up and submitted to the Department for approval.

4. Reasons for Decision

4.1. Information considered in making the decision

In reaching its decision, the Department took, *inter alia*, the following into consideration:

- 4.1.1. The information contained in the following documentation:
 - Completed application form dated 31 October 2011 and received on the same date;
 - Completed Draft Basic Assessment Report compiled by CEN Integrated Environmental Management Unit titled, "Draft Basic Assessment Report: Re-development and landscaping of the southern portion of the Kings Beach Node on the Nelson Mandela Bay southern beachfront (phase 2) ", dated February 2012; and
 - Completed Final Basic Assessment Report compiled by CEN Integrated Environmental Management Unit titled, " Draft Basic Assessment Report: Re-development and landscaping of the southern portion of the Kings Beach Node on the Nelson Mandela Bay southern beachfront (phase 2)", dated April 2012.
- 4.1.2. Observations made during a site visit conducted on 12 July 2012 by Ms Chuma Gushu, Ms Ndileka Mjacu and Mr. Andries Struwig from this Department and Belinda Clark representing CEN Integrated Environmental Management Unit.
- 4.1.3. The EIA regulations of 2010 and the objectives and requirements of relevant legislation, policies and guidelines, including Section 2 of the National Environmental Management Act, Act 107 of 1998.

4.2. Key factors considered in making the decision

- 4.2.1. Kings Beach was identified as having a high level of activity and entertainment with a variety of facilities especially for children. The proposed development will promote utilization of the area as it will result in improvement of the recreational area which will create opportunities for local communities, improved safety and aesthetics and improved accessibility to the beach through the construction of boardwalks.
- 4.2.2. In addition, this project will also aid in protection of dunes as access to beach will be through boardwalks and not over dunes and dune vegetation.
- 4.2.3. The site is not part of any critical biodiversity area and therefore the long term impacts on ecological connectivity or biodiversity processes are not expected to be significant
- 4.2.4. Conditions contained within this Environmental Authorisation will ensure that implementation of this activity will not result in significant negative impacts on the biophysical environment as the proposed activity is aimed at protecting the area from erosion and floods which might take place.
- 4.2.5. Further to 4.2.4, the proposed artificial wetland will attenuate and filter stormwater and minimise erosion.
- 4.2.6. Provision is made in this Authorisation for the lifelong monitoring of the boardwalks and the artificial wetland and remediation of any negative environmental impacts.
- 4.2.7. Any vegetation disturbed will be rehabilitated and in so doing will ensure the stability of the dunes
- 4.2.8. Adequate measures will be in place to ensure the safety of the public during construction.
- 4.2.9. The project has been advertised and no objections were lodged against the proposed activity.
- 4.2.10. In general the environmental process followed is deemed to be satisfactory. It is the opinion of the Department that the information at hand is sufficient and adequate to make an informed decision. In this regard the Department is satisfied that, subject to compliance with the conditions contained in the Environmental Authorisation, the proposed activity will not conflict with the general objectives of integrated environmental management laid down in Chapter 5 of the National Environmental Management Act, Act 107 of 1998, and that any potentially detrimental environmental impacts resulting from the proposed activities can be mitigated to acceptable levels.

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5. Appeal of authorisation

- 5.1. In terms of Regulation 10(2) of the Environmental Impact Assessment Regulations, 2010, you are instructed to notify all registered interested and affected parties, in writing and within 12 (twelve) calendar days of the date of this letter, of the Department's decision in respect of your application.
- 5.2. The written notification referred to in Condition 5.1 above must -
 - 5.2.1. Specify the date on which the Authorisation was issued;
 - 5.2.2. Inform interested and affected parties of the appeal procedure provided for in Chapter 7 of the NEMA EIA Regulations, 2010; and
 - 5.2.3. Advise interested and affected parties that a copy of the Environmental Authorisation and reasons for the decision will be furnished on request.
- 5.3. Notice of intention to appeal against the decision contained in this Authorisation must be addressed in writing, to the MEC for Economic Development, Environmental Affairs & Tourism (hereinafter referred to as "the MEC") in terms of Regulation 60(1) of the NEMA EIA Regulations, 2010 and within 20 (twenty) days after the appellant has been notified in terms of Conditions 5.1 and 5.2, of the decision.
- 5.4. The address to which the **original** copies of any such a notice of intention to appeal must be mailed is outlined below. Please note that originals may also be delivered per hand or courier.

Department	Economic Development, Environmental Affairs & Tourism
Attention	General Manager: Environmental Affairs
Postal Address	Private Bag X0054, BHISHO, 5605
By Hand	Beacon Hill, Hockey Close, King Williams Town
In order to facilitate efficient administration of appeals <u>copies</u> of the notice of intention to appeal and any subsequent appeal documentation must also be submitted as follows:	
Manager: Mr S. Gqalangile - Environmental Affairs per fax:	[043] 605 7300
It is strongly recommended that electronic copies of all appeal documentation also be e-mailed	E-mail addresses will be supplied on request

CHIEF DIRECTORATE: ENVIRONMENTAL AFFAIRS

In the event that an appeal is lodged with regard to this Authorisation, the listed activities described in this Authorisation may not commence prior to the resolution of the appeal and prior to the Department's written confirmation of compliance with all conditions that must be met before construction can commence, whichever event is the latter.

CHUMA GUSHU

ENVIRONMENTAL OFFICER: EIM

CACADU REGION

DATE: 30 JULY 2012

DAYALAN GOVENDER

DEPUTY DIRECTOR: ENVIRONMENTAL AFFAIRS

CACADU REGION

DATE: 30/07/20/2