The Municipal Manager: Kouga Municipality  
- C/O: The Director of Infrastructure Services  
P.O. Box 21  
Jeffrey’s Bay  
6330  
Fax: 042 200 8606  
E-mail: eddieo@kouga.gov.za

Attention: The Municipal Manager C/O Mr. Eddie Oosthuizen


With reference to the above-mentioned application (Reference number EC08/C/LN1&3/M/21-2015), please be advised that the Department has decided to grant authorisation. The Environmental Authorisation and reasons for the decision are attached herewith.

In terms of Regulation 4(2) of GN R. 982 of the Environmental Impact Assessment Regulations, 2014, you are instructed to notify all registered interested and affected parties, in writing and within fourteen (14) days of the date 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 Environmental Authorisation was issued;
   1.2 Inform interested and affected parties of the appeal procedure provided for in terms of the National Appeal Regulations, 2014, as contained in GN R. 993 of 08 December 2014; 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 submit your appeal to the appeal administrator, as indicated in the table contained in point 3 below, and serve a copy of the appeal to the applicant, if not the appellant, any registered interested and affected party and any organ of state with interest in the matter within twenty (20) days as described in Regulation 4 of the National Appeal Regulations, 2014.

"Innovation for Sustainable Development"
Only appeals on environmental grounds can be considered. All appeals should be accompanied by relevant supporting documentation.

3. The address to which the originals of any such an appeal and any other documents pertaining to the appeal must be mailed is outlined below. Please note that originals may also be delivered per hand or courier.

<table>
<thead>
<tr>
<th>Department</th>
<th>Economic Development, Environmental Affairs &amp; Tourism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attention</td>
<td>General Manager: Environmental Affairs</td>
</tr>
<tr>
<td>Postal Address</td>
<td>Private Bag X0054, BHISHO, 5605</td>
</tr>
<tr>
<td>Hand deliveries at:</td>
<td>Beacon Hill</td>
</tr>
<tr>
<td></td>
<td>Hockley Close</td>
</tr>
<tr>
<td></td>
<td>King William’s Town</td>
</tr>
<tr>
<td></td>
<td>5601</td>
</tr>
</tbody>
</table>

In order to facilitate efficient administration of appeals copies of the appeal and any subsequent appeal documentation must also be submitted as follows:

<table>
<thead>
<tr>
<th>General Manager: Environmental Affairs per fax:</th>
<th>[043] 605 7300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manager: Mr S. Gqalangle - Environmental Impact Management per fax:</td>
<td>[043] 605 7300</td>
</tr>
</tbody>
</table>

It is strongly recommended that electronic copies of all appeal documentation also be e-mailed E-mail addresses will be supplied on request.

---

DAYALAN GOVENDER
DEPUTY DIRECTOR: ENVIRONMENTAL AFFAIRS
CACADU REGION

DATE: 07/06/2016
Environmental Authorisation

<table>
<thead>
<tr>
<th>AUTHORISATION NOTICE REGISTER NUMBER</th>
<th>EC08/C/LN1&amp;3/M/21-2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAST AMENDED</td>
<td>Not applicable</td>
</tr>
<tr>
<td>HOLDER OF AUTHORISATION</td>
<td>Kouga Municipality</td>
</tr>
<tr>
<td>LOCATION OF ACTIVITY</td>
<td>Erven 720, 623, 2257, 185, 53, 184, and 625 on the St Francis Bay beachfront, within the Kouga Municipality</td>
</tr>
</tbody>
</table>

DEFINITIONS:

The following definitions are applicable to this Environmental Authorisation:

"EIA regulations" – These are the Environmental Impact Assessment Regulations 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.

"DEA - O & C" - The National Department of Environmental Affairs, Oceans and Coasts Directorate.


"AIS" - Alien Invasive Species.

"KM" - Kouga Municipality.

"AFBAR" - Amended Final Basic Assessment Report titled “The maintenance and management of the existing rock revetments & sandy beach backshore areas along the St Francis Bay beach coastline, incorporating Erven 720, 623, 2257, 185, 53, 184 & 625, zoned Public Open Space, within the Kouga Local Municipality; Sarah Baartman District of the Eastern Cape Province”, Final Basic Assessment Report dated 01 February 2016 compiled by Frank Silberbauer Consulting and received on 09 February 2016.

"CEMPr" - Construction Environmental Management Programme.

"OEMPr" - Operational Environmental Management Programme.
"Commencement" – Any physical activity on site that can be viewed as associated with the maintenance and management of the existing rock revetments & sandy beach backshore areas, including construction of new revetments in some areas, along the St Francis Bay beach coastline, incorporating Erven 720, 623, 2257, 185, 53, 184 & 625, 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, 2014 the Department hereby authorises the Kouga Municipality being the legal or natural person who has applied for this Authorisation, with the following contact details:

<table>
<thead>
<tr>
<th>Name</th>
<th>The Municipal Manager - Kouga Municipality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>P O Box 21, Jeffrey's Bay, 6330</td>
</tr>
<tr>
<td>Telephone</td>
<td>042 200 2200</td>
</tr>
<tr>
<td>Fax</td>
<td>042 200 8606</td>
</tr>
<tr>
<td>Contact Person</td>
<td>Mr Eddie Oosthuizen</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:eddieo@kouga.gov.za">eddieo@kouga.gov.za</a></td>
</tr>
</tbody>
</table>

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 activity entails construction, as well as repair and maintenance of rock revetments on the coastal zone at Erven 720, 623, 2257, 185, 53, 184, and 625 on the St Francis Bay beachfront within the Kouga Municipal area. The existing rock revetments, totalling a distance of 1.7 km along the St Francis Bay beach have over time been degraded and damaged and are in need of maintenance and in some areas, total upgrading.

There are also sandy beach areas totalling 1 km in length which have had no protection, and are now eroding to such an extent that infrastructure and buildings, both public and private, including the St Francis Bay Marina and the golf course are severely threatened by sea encroachment and storm surge damage. This will be Phase 1 of a two phase project, which is inclusive of repair and maintenance of existing rock revetments in the Public Open Space, as well as construction of new revetments along the sandy beach areas with no revetments currently, totalling approximately 1 km in length as described above. These activities will provide a short to medium term defence of the coastline of perhaps only 5 to 10 years, which, with correct maintenance could possibly be
extended. Phase 1 was assessed with two alternatives, rock revetments and GSC sand bags. This Environmental Authorisation authorises the use of rock revetment structures only, the reasons for which are set out in Section 5.2 of this Environmental Authorisation: Key Factors in making the decision.

The second phase will be subject to a separate environmental assessment and will focus on beach nourishment and installation of various alternatives to provide further protection and encourage sand accumulation on the beach by means such as groynes, off-shore reefs and/or additional revetments. This second phase will be an ultimate requirement to be undertaken by the Kouga Municipality, in order to ensure the integrity of the Coastal Public Property and Public Open Spaces of the St Francis Bay beachfront. The rock revetments as authorised in this Environmental Authorisation are only a temporary, intermediate solution.

Proposed revetment sections requiring repair and upgrades, as well as the sections for the unprotected sandy beach areas are given in Table 1 below, the zone numbers are indicated in Figure 1-2:

<table>
<thead>
<tr>
<th>ZONE</th>
<th>ZONE Description</th>
<th>Sandy Beach Revetment</th>
<th>Latitude &amp; Longitude</th>
<th>Sandy Beach Revetment</th>
<th>Latitude &amp; Longitude</th>
<th>Sandy Beach Revetment</th>
<th>ERF</th>
<th>Distance m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Spit Area</td>
<td>Sandy Beach</td>
<td>34°18'32.5&quot;S 24°50'27.55&quot;E</td>
<td>34°16'57.7&quot;S 24°50'19.77&quot;E</td>
<td>720</td>
<td>694</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Revetment - Aldabara</td>
<td>Revetment</td>
<td>34°15'11.7&quot;S 24°51'10.72&quot;E</td>
<td>34°15'16.74&quot;S 24°50'15.03&quot;E</td>
<td>720</td>
<td>317</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>POS Carpark Access Aldabara/Nohe Beach</td>
<td>Revetment</td>
<td>34°15'14.05&quot;S 24°50'15.03&quot;E</td>
<td>34°15'16.01&quot;S 24°50'13.88&quot;E</td>
<td>720</td>
<td>97</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Revetment Residential - Rautenbach</td>
<td>Revetment</td>
<td>34°15'16.52&quot;S 24°50'13.88&quot;E</td>
<td>34°15'21.05&quot;S 24°50'10.06&quot;E</td>
<td>720/533</td>
<td>291</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>POS Revetment Peter Crescent</td>
<td>Revetment</td>
<td>34°15'24.10&quot;S 24°50'6.00&quot;E</td>
<td>34°15'26.10&quot;S 24°50'16.19&quot;E</td>
<td>623</td>
<td>53</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Revetment Residential George Road</td>
<td>Revetment</td>
<td>34°15'25.60&quot;S 24°50'16.19&quot;E</td>
<td>34°15'29.35&quot;S 24°50'4.60&quot;E</td>
<td>623</td>
<td>181</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Golf course</td>
<td>Sandy Beach</td>
<td>34°15'25.22&quot;S 24°50'4.46&quot;E</td>
<td>34°15'32.06&quot;S 24°50'2.66&quot;E</td>
<td>255</td>
<td>95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Revetment Residential Ralph Road</td>
<td>Revetment</td>
<td>34°15'32.06&quot;S 24°50'2.30&quot;E</td>
<td>34°15'39.35&quot;S 24°49'50.01&quot;E</td>
<td>185</td>
<td>236</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>POS Revetment Ralph / Anne Ave / Carpark</td>
<td>Revetment</td>
<td>34°16'39.35&quot;S 24°49'55.01&quot;E</td>
<td>34°16'47.06&quot;S 24°49'55.93&quot;E</td>
<td>185</td>
<td>241</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Revetment Anne Ave south residential</td>
<td>Revetment</td>
<td>34°16'47.06&quot;S 24°49'55.93&quot;E</td>
<td>34°16'50.20&quot;S 24°49'54.73&quot;E</td>
<td>185/53</td>
<td>73</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>POS ERFS</td>
<td>Sandy Beach</td>
<td>34°16'49.20&quot;S 24°49'54.73&quot;E</td>
<td></td>
<td>53</td>
<td>58</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Hotel site</td>
<td>Sandy Beach</td>
<td>184</td>
<td>88</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>POS Mary Crescent north</td>
<td>Sandy Beach</td>
<td>184</td>
<td>13</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Residential Mary Crescent south</td>
<td>Sandy Beach</td>
<td>184</td>
<td>39</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>POS Mary Beach north</td>
<td>Sandy Beach</td>
<td>34°17'54.31&quot;S 24°49'54.12&quot;E</td>
<td>184</td>
<td>85</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>POS Mary Beach Neville road car park</td>
<td>Revetment</td>
<td>34°17'54.31&quot;S 24°49'54.12&quot;E</td>
<td>34°17'09.63&quot;S 24°49'54.05&quot;E</td>
<td>184/525</td>
<td>222</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Revetment Frank Road</td>
<td>Revetment</td>
<td>34°17'09.63&quot;S 24°49'54.05&quot;E</td>
<td>34°17'09.63&quot;S 24°49'54.05&quot;E</td>
<td>184/525</td>
<td>222</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Total Distance</td>
<td></td>
<td>34°18'32.5&quot;S 24°50'27.55&quot;E</td>
<td>34°17'09.63&quot;S 24°49'54.05&quot;E</td>
<td>Total 2738</td>
<td>Total 2738</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Total Revetment</td>
<td></td>
<td>Total 2738</td>
<td>Total 1715</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Total Sandy Beach</td>
<td></td>
<td>Total 2738</td>
<td>Total 1023</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 21     | POS with no protection                   | POS                   | 10'                  |
| 22     | Golf course                              | Golf course           | 95                   |
| 23     | Revetment Residential seaside            | Residential           | 1289                 |
| 24     | Revetment Residential seaside            | Residential           | 1289                 |
| 25     | Revetment Residential seaside            | Residential           | 1289                 |

**TABLE 1 – Zones listed in order, with description, content, co-ordinates, Erven and length of zone. At the bottom summary 21 to 22 by characteristic.**

The figure on the following page indicates the areas where there is currently no protection and where the above proposed revetment structure, Section C, will be implemented, i.e. in zones 1 and 7 of the figure below, Figure 1-2.
Figure 1-2: Existing Shoreline Protection to St Francis Bay (Frank Silberbauer Consulting).
An engineering company, PRDW Consulting Port and Coastal Engineers, was appointed to design the rock revetments for repairs, upgrades and the new construction of revetments needed. The following three figures indicate the three different structures needed at different areas of the beach.

Fig. 7.1 applies to areas with significant damage like the hole at Anne Avenue and the damage at the parking area in front of Aldabara Run.

Fig. 7.2 applies to most of the existing rock revetments. Where slopes are flatter than 1:1.5 the armour rock size may be reduced. A proper geotextile filter will be required underneath the existing revetment the loss of fine sand under wave and tidal action.
Fig. 7.3 applies to the protection of the sand spit and golf course dune, which have had no protection structures to date.

As per the engineer's report, this section, Revetment Section C, allows for 2 metres of erosion of sand from the existing beach level, as these areas are currently approximately 2m above MSL (Mean Sea Level), which is predicted to occur down to 0 m above MSL in the next 10 years. In terms of wave overtopping, a crest level above +4 m MSL would keep the mean wave overtopping rate below 101/s/m which is suitable for the structure provided the crest is covered with vegetation (grass as a minimum).

Section D showed an alternative for GSC (geosynthetic sand containers) bags but has not been included here as this option has not been authorised as part of this Environmental Authorisation.

Where revetments are terminated, it is important to tie ends back into dunes to prevent further erosion by waves wrapping around the ends of the revetment and eroding sand from behind the revetment. Conditions of this Environmental Authorisation will require such to be incorporated into the CEMPPr.

**Site Access:**

Site access is proposed to be gained in the following ways, as per the Figure below and Table 1 on page 3:

1. Access for zones 1 to 4, is proposed to be obtained from the parking lot at Aldabara Run, along the top of the revetments and to extend down to the beach at the area where sandbags were placed (approximately 371 metres in length);
2. An existing access point to the beach at Aldabara Run has been practically destroyed by wave action but a temporary access is proposed to be constructed to allow movement of materials onto the zones described above, whereafter this access point will be replaced by the required revetments at this point;
3. The George Road access to beach is proposed serve zones 1 to 4 at low spring tide, and
adjacent Zones 5 to 7 and parts of 8 at low tide. Upgrading will be necessary to take the required loads.

4. From Ralph Road on to the top of the existing rock revetments until Erf 76, a distance of 80 metres, to service zones 8 and 9;

5. Anne Avenue would need repairs to enable access onto the beach to service zones 8 and 9 at low spring tide and zones 10 to 15 if used as a loop route;

6. Mary Crescent directly on to the beach to service zones 11 to 15, as well as 16 at low tide.

All access roads will be temporary and rehabilitated on completion of the works, except for those required for ongoing maintenance, e.g. the Spit (zone 1) and zones 11 to 15.

All of these proposals will be dealt with in terms of **conditions of this Environmental Authorisation** which will require a detailed Access Management Plan.

Possible routing for rocks/materials through St Francis Bay to the designated access points:

1. Links Circle to Aldabara carpark – 2.43km
2. Ditto as above to George Ave. carpark – 1.7km
3. Aldabara carpark to sandbags – 371m
4. Homestead Ave. to Anne Ave. carpark – 1.67km
5. Ditto as above to Mary Crescent – 1.67km
6. Anne Ave to Ralph Rd Revet. – 192m

**Listed Activities**

| R 983 - 15 | The development of structures in the in the coastal public property where the development footprint is bigger than 50 square metres. |
| R 983 - 17 | Development -  
(iii) within the littoral active zone;  
(v) if no development setback exists, within a distance of 100 metres inland of the high water mark of the sea or an estuary, whichever is the greater; |
In respect of -
(c) embankments;
(d) rock revetments or stabilizing structures including stabilizing walls.

R 983 - 18
The planting of vegetation or placing of any material on dunes or exposed sand surfaces of more than 10 square metres, within the littoral active zone, for the purposes of preventing the free movement of sand, erosion or accretion.

R 983 - 19
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 from
(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 the distance is greater -

but excluding where such infilling, depositing, dredging, excavation, removal or moving -
(a) will occur behind a development setback;
(b) is for maintenance purposes undertaken in accordance with a maintenance management plan; or
(c) falls within the ambit of Activity 21 in this Notice, in which case that activity applies.

R 983 - 54
The expansion of facilities -
(iii) within the littoral active zone; or
(v) if no development setback exists, within a distance of 100 metres inland of the high water mark of the sea or an estuary, whichever is the greater;

In respect of -
(c) embankments;
(d) rock revetments or stabilizing structures including stabilizing walls.

R 983 - 55
Expansion -
(iii) within the littoral active zone; or
(v) if no development setback exists, within a distance of 100 metres inland of the high water mark of the sea or an estuary, whichever is the greater;

In respect of -
(c) inter- and sub-tidal structures for entrapment of sand;
(d) breakwater structures.

R 985 - 4
The development of a road wider than 4 metres with a reserve less than 13.5 metres.
(b) In Eastern Cape:
   iii. In urban areas
      (aa) Areas zoned for use as public open space.

R 985 - 12

The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance is required for maintenance purposes undertaken in accordance with a maintenance management plan.

(a) In Eastern Cape:
   iii. Within the littoral active zone or 100 metres inland from the 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 erven in urban areas;
   iv. On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation or had an equivalent zoning.

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

<table>
<thead>
<tr>
<th>District</th>
<th>Sarah Baartman</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Area</td>
<td>Kouga Municipal Area</td>
</tr>
<tr>
<td>Farm Name</td>
<td>N/A</td>
</tr>
<tr>
<td>Farm Number and Portion</td>
<td>N/A</td>
</tr>
<tr>
<td>Erf Number and Township Extension or Suburb</td>
<td>Erven 720, 623, 2257, 185, 53, 184, and 625 on the St Francis Bay beachfront</td>
</tr>
<tr>
<td>Co-ordinates</td>
<td>As per Table 1 included above in Section 2 - Description of the Activity (page 3)</td>
</tr>
<tr>
<td>Physical address</td>
<td>Erven 720, 623, 2257, 185, 53, 184, and 625 on the St Francis Bay beachfront within the Kouga Municipal area</td>
</tr>
</tbody>
</table>

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. Phase 1 of the repair, maintenance and construction of rock revetments as authorised and described in Section 2 of this Environmental Authorisation must commence within a period of 24 (twenty four) 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 of each successive phase to commence immediately upon the completion of the previous phase, and all construction must be completed within 24 (twenty four) months of commencement.

3.1.3. Extension of the Environmental Authorisation may be applied for in writing at least 3 (three) months prior to the expiry thereof as required in Regulation 28(1) of the 2014 EIA Regulations. If no request for extension is received at least three months prior to the expiry of this Environmental Authorisation, it may result in the lapsing of the Environmental Authorisation.

3.1.4. On receipt of any such application for extension, the Department reserves the right to request such information as it may deem necessary to consider the application for extension which may include but not limited to:

3.1.4.1. An updated CEMP; and

3.1.4.2. Such public participation process as may be deemed necessary at the time of the application for extension.

3.1.5. 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 Environmental Management: Integrated Coastal Management Act (No. 24 of 2008), especially as it relates to ORV permits should they be required.

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 Department at the applicant’s 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 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. If transfer of the Environmental Authorisation is granted, the new holder of the Environmental Authorisation must accept the responsibility of adherence to the conditions of this Environmental Authorisation. Conditions established in this Environmental Authorisation must be made known to, correctly understood and an acknowledgement in writing must be submitted to the Department within 7 days of such transfer taking place. All conditions are binding on the new authorisation holder.

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 including the neighbouring landowners within 14 (fourteen) days of receiving this Environmental Authorisation.

3.2.10. This Environmental Authorisation or a certified copy thereof, must be kept on site at all times during construction. Such 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 site.

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 Kouga Municipality must take responsibility for appointing the following persons:
3.3.2.1. An Environmental Control Officer (ECO) who must be stationed on-site whilst construction and later rehabilitation is being implemented to oversee the implementation and adherence to all the conditions contained in this Environmental Authorisation, provisions of the CEMPr and all contractors/sub-contractors method statements, as well as the OEMPm. The ECO must draw up a table of all conditions of the Environmental Authorisation and provisions of all other documents as described, especially any pre-commencement conditions that must be adhered to, in order to ensure that all requirements of the Environmental Authorisation are met;

3.3.2.2. A suitably qualified land surveyor to be appointed in conjunction with a suitably qualified engineer. These individuals must ensure that the profiles of all revetments are in accordance with those proposed after detailed inspection and design drawings are completed, as per the requirements in the Engineering Specialist Report by PRDW Consulting Port and Coastal Engineers dated 13 July 2015;

3.3.2.3. It is imperative that only a suitably qualified and competent contractor with a proven track record in coastal protection construction is appointed and suitable construction supervision is maintained by the engineer, and overseen by the ECO. The Department requires that such contractors are not appointed or employed by private individuals or any other outside parties. The Kouga Municipality will be held liable in the event of non-compliance with any condition of this Environmental Authorisation or any stipulation of the CEMPr by any contractor or sub-contractor associated with construction, repair and maintenance activities associated with the implementation of this project. All appointed contractors and/or sub-contractors are to submit a detailed timetable of construction activities and the proposed inspection timetables by both the ECO and the appointed engineer;

3.3.2.4. A suitably qualified Rehabilitation Specialist; and

3.3.2.5. Once the above appointments are finalised, full contact details, qualifications and references of all these persons/companies are to be submitted to the Department for endorsement prior to the commencement of any construction/repair/maintenance works on site.

3.3.3. Any non-compliance in terms of Condition 3.3.2 must be reported to DEDEAT immediately. Provision for penalties and fines is to be made by the ECO for any non-compliance or transgressions, and all contractors and subcontractors are to be held liable, in conjunction with the Kouga Municipality, and will be required to rectify any damages to the environment on site.

3.3.4. The Construction Environmental Management Programme (CEMPr) contained in the consultant’s AFBAR as Appendix H1 must be amended to include the following:

3.3.4.1. Any references to the alternatives of GSC bags must be removed, as only rock revetments are authorised in this Environmental Authorisation;

3.3.4.2. Specific management of the construction of each phase of the project, divided into its relevant components, particularly the following:

3.3.4.2.1. An Access Management Plan to be drafted in conjunction with the appointed engineers and the contractor appointed in terms of
Conditions 3.3.2.3 and 3.3.2.4. Such plan must indicate, but is not limited to, the following:

3.3.4.2.1.1. Phase-specific access arrangements for each Phase and erosion protection measures for each Phase;

3.3.4.2.1.2. Order in which work on each phase is to be undertaken, whether it is for repair, maintenance or new construction in the order of importance, i.e. starting point at the area deemed most susceptible to further extreme damage, the following phase to be constructed etc. Phases must be done one at a time;

3.3.4.2.1.3. Specific description of how the trucks required, bearing in mind the weight of rock to be carried and the weight and size of such vehicles, will be accommodated both on top of the spit and the beach areas; and

3.3.4.2.1.4. Specific details regarding construction of the temporary access points, as well as construction of roads (especially on the Spit area) and those needed for any access required for future maintenance including a full description of measures to be taken for such vehicles to access points via the beach for construction, repair or maintenance.

3.3.4.3. Engineering input on the design of the areas where revetments are terminated and the ends are tied back into the dunes, including a detailed description of the efficacy of such design preventing scouring of sand from behind the revetment.

3.3.4.4. All mitigation measures contained in both the consultant's AFBAR and the Engineering Specialist Report by PRDW Consulting Port and Coastal Engineers dated 13 July 2015, especially considering Section 7 of the engineering report, as well as Section 8, the Conclusions and Recommendations of this report, which applies to Condition 3.3.4.3 above.

3.3.4.5. Contractors (and sub-contractor's) method statements are to be submitted to the Department prior to the commencement of any works on site, as well as the ECO’s comments on the construction method statements, as well as the ECO's own method statements for controlling impacts and implementing mitigation measures as presented in the consultant’s AFBAR and the CEMPr. Such method statements are to be specific to each phase and also specifically address access as per the Access Management Plan included in Condition 3.3.4.2.1 above.

3.3.4.6. Comment from the National Department of Environmental Affairs, Oceans and Coasts Directorate, included in the AFBAR in Appendix F, titled "PPP Correspondence Post September 2015", to be incorporated into the CEMPr which comments indicated the following and must be adhered to:

3.3.4.6.1. Safety signage must be erected on site;

3.3.4.6.2. Temporary storage areas must be properly demarcated to ensure public safety and to ensure that access to the coastal public property is not hindered; and
3.3.4.6.3. The use of vehicles on the beach during construction by the applicant’s appointed contractor, and the applicant being an organ of state, constitutes a permissible use and no permit or exemption will be required, but only if such vehicle use meets the criteria of Regulation 3(1)(a)(vi) or 3(1)(d) in terms of the Control of Use of Vehicles in the Coastal Area Regulations. Confirmation from DEA-O & C of the adherence of the vehicles proposed to these criteria must be forwarded to the Department prior to commencement of construction, or, alternatively, should they not adhere to these criteria, an ORV permit must be obtained for the use of these vehicles on the beach.

3.3.4.7. Appropriate measures must be put in place to ensure that the structure does not constitute a hazard to users of the coastal zone in the vicinity of the structure;

3.3.4.8. The upper slope of the fore-dune must not be destabilised, and existing natural vegetation must be retained and the growth of additional natural vegetation encouraged. This must be done in conjunction with the rehabilitation plan for all disturbed areas, as included in the Condition 3.3.18;

3.3.4.9. Applicable conditions contained in this Environmental Authorisation;

3.3.4.10. General principles of environmental management as applicable to construction activities including environmental best practice, erosion prevention and control, minimization of dust, etc. as indicated in Condition 3.3.11 below;

3.3.4.11. Clear stipulations as to who is responsible and accountable for what actions; and

3.3.4.12. A general code of conduct for any contractor that might be carrying out any work on the development sites, including a fine system for any non-compliances committed by such contractor’s and/or sub-contractors, as stipulated in Condition 3.3.3.

3.3.5. Disturbance of the beach environment during project implementation must be minimised, and any disturbed areas appropriately rehabilitated. This includes disturbance due to the use of heavy plant machinery or vehicles accessing the Spit or the beach, as well as that caused by the transgressions of illegal commencement by Mr Leithbridge and Mr Nell, as referenced in the Minutes of the Meeting between DEDEAT, the St Francis Bay Riparian Homeowners Association and the EAP, Mr Frank Silberbauer on 27 May 2015, and as noted in the Compliance Notices with Reference Numbers CROB#5/02/2015 and CROB#6/02/2015 respectively.

3.3.6. Further to Condition 3.3.5, vehicular usage during project implementation must be curtailed to what is absolutely necessary, and the applicant is to be mindful of the general duty of care provision as articulated in Section 2 of the National Regulations for Control of Vehicles in the Coastal Zone (Government Notice No. 1399 of 21 December 2001). Cognizance must also be taken of tides and time needed for travel on the beach.

3.3.7. Vehicles must travel at a slow speed at all times and drive below the spring high water mark to encourage removal of all vehicular tracks along the beach between tidal cycles.

3.3.8. 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.
3.3.9. Packing of rock material must take place in a manner which prevents, as far as possible, portions thereof becoming detached from the structure and entering the beach, estuary and / or surf zones. Such must be in accordance with the engineering specifications.

3.3.10. Furthermore, the packing of rock material and the design of the structure must be done in a manner which prevents the formation of coves and scouring into the estuary or any sandy beach areas by ensuring that where revetments are terminated, the ends are tied back into the dunes in such a way as to prevent waves wrapping around the ends of the revetments and eroding sand from behind the revetment. This must be in accordance with the required engineering input for the application of the design sections, transitions and allowing for stormwater run-off.

3.3.11. General principles of environmental management as included in Condition 3.3.4.10 must be adhered to, including, amongst others, the following:

3.3.11.1. No cement/concrete mixing to take place on the soil surface should it be required. Cement mixers to be placed on large trays to prevent accidental spills from coming into contact with the soil/sand surface;

3.3.11.2. Concomitant to Condition 3.3.11.1, any cement mixing must take place above the high-water mark, preferably on an already tarred surface such as one of the car parks, and any wash water or spills onto the beach, into the estuary or the sea must be prevented at all costs and suitable emergency contingency plans must be put in place;

3.3.11.3. Silt curtains are to be utilised in all phases of construction to prevent any destabilized sediment from entering the estuarine channel of the Marina, the Kromme Estuary or the sea;

3.3.11.4. Generators and fuel supply, if 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 registered waste disposal site;

3.3.11.5. Any substrate contaminated by the spillage of hydrocarbons or other pollutants to be removed from the site and disposed of at a registered waste disposal site;

3.3.11.6. No servicing of vehicles and other machinery to take place on site and no fuel or other hazardous material to be stored on site;

3.3.11.7. 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;

3.3.11.8. The contractor must provide adequate waste disposal and sanitation facilities and must ensure that these facilities are properly used and maintained; and

3.3.11.9. Sufficient erosion control measures must be stipulated and adhered to.

3.3.12. The Kouga Municipality will be held liable in the event of non-compliance with any condition of this Authorisation Notice or any stipulation of the CEMPr by any contractor associated with this activity.

3.3.13. Non-compliance with any stipulation in the CEMPr or conditions of this Environmental Authorisation will be regarded as non-compliance in terms of this Environmental Authorisation.
3.3.14. 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.

3.3.15. Rock material which needs to be imported to the site for construction of the wall is to be obtained from a bona fide source, and must be compatible in appearance with rock used for existing protection structures in the vicinity.

3.3.16. The South African Heritage Resources Agency (SAHRA) must be contacted immediately should any archaeological findings be discovered during the course of the development.

3.3.17. All alien invasive species (AIS) 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.

3.3.18. A Rehabilitation Plan to be drafted and submitted to the Department for approval prior to the commencement of construction, by a suitably qualified Rehabilitation Specialist for all disturbed areas, inclusive of the areas where transgressions occurred, as referenced in Condition 3.3.5, as well as erosion control measures, with the exception of those areas required for continued access for management and maintenance of the revetment structures. 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.

3.3.19. The following auditing to be undertaken by the appointed ECO:

3.3.19.1. A pre-construction audit of the current state of all areas included in this Environmental Authorisation;

3.3.19.2. A monthly audit to be done by the ECO;

3.3.19.3. A quarterly inspection being undertaken by DEDEAT together with the ECO;

3.3.19.4. A post-construction audit, which also specifically addresses the rehabilitation undertaken to be conducted by the ECO once construction is completed;

3.3.19.5. All audit reports submitted to DEDEAT by the ECO are to include photographic records for each of the construction sites for each Phase.

4. **Project-specific conditions relation to the operational management and maintenance of the rock revetments**

4.1. The OEMPr as contained in the consultant’s AFBAR in Appendix H1, Section D, must be amended and submitted for approval by the Department within 3 (three) months from the date of signature of this Environmental Authorisation. The OEMPr must be implemented for the duration of the lifespan of the project. The OEMPr must be regarded as a working document to allow for information gained during the monitoring of activities on site to inform any changes necessary to the OEMPr. Should any changes be required, such must be submitted to the Department for approval prior to the implementation of such changes.

4.2. The OEMPr must include, amongst others:

4.2.1. A Rehabilitation Aftercare Plan drafted by a suitably qualified Rehabilitation Specialist for all disturbed areas, inclusive of the areas where transgressions occurred, as referenced in Condition 3.3.5, as well as erosion control measures, with the exception of those areas required for continued access for management and maintenance of the revetment structures. The Rehabilitation Aftercare Plan
must be implemented and monitored monthly by the appointed independent ECO for a period of 1 year from the date of completion of the Rehabilitation Plan undertaken in terms of Condition 3.3.18 of this Environmental Authorisation;

4.2.2. Specific provision, including financial provision, for continuous monitoring, management and maintenance of the revetments and repairs to any damages due to storm surges or extreme weather and tidal events, inclusive of method statements for such;

4.2.3. Specific plans for the provision by the Kouga Municipality in terms of Section 20 (a) to (j) of the ICM Act, Act No 24 of 2008, as amended, including financial provision, for the proposed Phase 2 of the proposal which will focus on beach nourishment and installation of various alternatives to provide further protection and encourage sand accumulation on the beach by means such as groynes, offshore reefs and/or additional revetments. Such plans, as indicated by the EAP must be in place and the required Environmental Assessment under way within 3 (three) years from the date of this Environmental Authorisation;

4.2.4. Specific provision, including financial provision, for continuous monitoring and maintenance of the areas that were disturbed specifically for the success of rehabilitation measures, as well as signs of erosion, including measures to rehabilitate any such erosion that may be found;

4.2.5. A Maintenance Plan for any infilling or removal of material that may be required for the maintenance of the revetments, and any future rehabilitation of areas disturbed during the construction activity. Such Maintenance Plan to make provision for individual maintenance events for which a specific method statement for that specific maintenance event is submitted to DEDEAT immediately subsequent to the event for approval prior to the commencement of such maintenance works. Such maintenance works are to be overseen by an independent ECO, as included in Condition 3.3.2.1;

4.2.6. Should the structures sustain damage as a result of storm action or any other event, it must be restored to its original state within 90 (ninety) days, in accordance with all approved method statements in terms of the approved CEMP and Condition 4.25 above;

4.2.7. Monitoring of alien vegetation re-growth in all disturbed areas on site and provision for consistent eradication measures;

4.2.8. Provision of educational boards regarding dune sensitivity, the rehabilitation of the dune and spit areas as well as waste management and littering, as well as education regarding the requirements of the NEMA and the ICM Act for any activities in the coastal zone.

4.3. The Kouga Municipality must take responsibility for appointing any of the contractors or sub-contractors for any maintenance required. The Department requires that such contractors are not appointed or employed by private individuals or any other outside parties. The Kouga Municipality will be held liable in the event of non-compliance with any condition of this Environmental Authorisation or any stipulation of the OEMP by any contractor or sub-contractor associated with maintenance activities associated with the implementation of any maintenance works required.
4.4. A fine system for any transgressions of the OEMPr and this Environmental Authorisation to be implemented by the Kouga Municipality and their appointed ECO for any maintenance works.

4.5. Notwithstanding the provisions of any of these conditions, all recommendations, guidelines and standard conditions contained in the consultant’s AFBAR must be adhered to.

4.6. The revetments must be maintained in a manner which ensures continued functionality, integrity and satisfactory appearance.

4.7. This Department reserves the right to require that parts of/the entire revetment structures, be decommissioned and removed.

4.8. This office must be timeously notified should the applicant intend to remove any part of the structure.

4.9. Monitoring of the revetments to be undertaken monthly to ensure that no scouring is occurring beyond any of the revetments, as well as monitoring of rehabilitation efforts and alien invasive floral species control. If any erosion is detected, measures, as included in the maintenance and management plans must be enacted within two weeks of the observation of such erosion such that further erosion is curtailed as soon as possible.

4.10. Should decommissioning takes place, a detailed report dealing with environmental impact management during decommissioning must be drawn up and submitted to the Department for approval.

5. Reasons for Decision

5.1. Information considered in making the decision

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

5.1.1. The information contained in the following documentation:

5.1.1.1. Completed application form dated 02 July 2015 and received on 01 September 2015;

5.1.1.2. Minutes of the meeting held on 27 May 2015 regarding the transgressions of the illegal commencement by Mr Leithbridge and Mr Nell, between DEDEAT, the St Francis Bay Riparian Homeowners Association and the EAP, Mr Frank Silberbauer indicating the Key Resolutions of this meeting;

5.1.1.3. The Compliance Notice with Reference Number CROB#6/02/2015 dated 31 March 2015, as referred to in the letter from the St Francis Bay Riparian Homeowners Association signed by John Robson (undated), which indicates the progress made in terms of the requirements of the Compliance Notice;

5.1.1.4. The letter from the Kouga Municipality dated 01 July 2015 regarding the Compliance Notices issued, with Reference Numbers CROB#05/02/2015 (Beach Area) and CROB#6/02/2015 (Spit), confirming all interactions, discussions and actions undertaken by the Kouga Municipality;
5.1.1.5. The Extension to submit the AFBAR dated 20 November 2015; and
5.1.1.6. The completed AFBAR compiled by Frank Silberbauer dated 01 February 2016 and received on 09 February 2016.

5.1.2. Observations made during a site visit conducted on 27 October 2015 by Ms Nicole Gerber, Mr Dayalain Govender and Mr Andries Struwig from this Department together with Mr F. Silberbauer of Frank Silberbauer Consulting. Officials from DEA O & C were also present as well as the KM, St Francis Bay Resident's Association and the Riparian Homeowners Association.

5.1.3. The EIA Regulations of 2014 and the objectives and requirements of relevant legislation, policies and guidelines, including Section 2 of the National Environmental Management Act, Act 107 of 1998.

5.2. Key factors considered in making the decision

5.2.1. A previous Environmental Authorisation was issued on 26 August 2011 which lapsed due to lack of funding. The scope of this Environmental Authorisation is however of a greater scale due to the continued erosion of the beach at St Francis Bay and damage caused to existing revetments due to storm surge events. It also includes previously unprotected areas of sandy beach for new rock revetment construction.

5.2.2. St Francis Bay beach continues to experience a state of on-going erosion. Such erosion constitutes a threat to coastal public property, municipal infrastructure such as the ablution facilities and paved parking areas in the Public Open Space areas, as well as near-shore properties and the St Francis Marina. All authorised revetment structures will occur within Public Open Space areas and the Kouga Municipality is ultimately therefore the applicant and the responsible party to ensure the implementation of all conditions of this Environmental Authorisation, the CEMPPr and OEMPPr in order to arrest this erosion and protect infrastructure in Public Open Space as well as Coastal Public Property.

5.2.3. DEA's Oceans and Coasts Directorate have commented on the proposed protection structures and have also recommended the use of rock revetments rather than the GSC bags. Their comments have also been included in the conditions of this Environmental Authorisation.

5.2.4. The rehabilitation measures provided for in this Environmental Authorisation, also address the transgressions undertaken by Mr Leithbridge and Mr Nel, and such rehabilitation will be undertaken as part of this Environmental Authorisation.

5.2.5. The Department has granted authorisation for the rock revetments based on the information provided by the EAP as well as the specialist engineering report by PRDW dated July 2015, which indicates that GSC's are less robust, have a reduced lifespan and less certain design guidelines, require more stringent construction quality control and have the potential for vandalism. The source of sand required for the filling of these bags was also not certain, and the relative cost was higher than rock revetments. This coastline experiences especially rough seas and storm surges due to prevailing winds and a previous attempt at installing sand bags was seen to be hopelessly inadequate as they had practically
collapsed. The Department has granted this Environmental Authorisation with the understanding that these revetment structures are of a short term nature and are only an intermediate solution. This is Phase 1 of the protection of the coastline along the St Francis Bay beachfront, and provisions have been made in Condition 4.2.3 of this Environmental Authorisation for plans for Phase 2 to be in process within a reasonable time period, to allow for funding provision and legislative requirements in terms of a further Environmental Authorisation. The Department will not entertain another application that does not address a long term solution, only one which will provide for beach nourishment and the prevention of the further loss of coastal public property and public open space. The Department deems it imperative that the Kouga Municipality begin with such plans as soon as possible such that Condition 4.2.3 can be fulfilled in the time frame given.

5.2.6. 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.

5.2.7. Provision is made in this Authorisation for the lifelong monitoring of the revetments and remediation of any negative environmental impacts, such as scouring behind the revetments.

5.2.8. Any vegetation disturbed will be rehabilitated and in so doing will ensure the stability of the dunes.

5.2.9. Adequate measures will be in place to ensure the safety of the public during construction.

5.2.10. The project has been advertised and no objections were lodged against the proposed activity. All comments were noted and the EAP addressed them to the satisfaction of the Department and have been included in the conditions of this Environmental Authorisation.

5.2.11. 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.
6. Appeal of authorisation

In terms of Regulation 4(2) of GN R. 982 of the Environmental Impact Assessment Regulations, 2014, you are instructed to notify all registered interested and affected parties, in writing and within fourteen (14) days of the date of the Department’s decision in respect of your application.

6.1. The written notification referred to above must -
6.1.1. Specify the date on which the Refusal Notice was issued;
6.1.2. Inform interested and affected parties of the appeal procedure provided for in terms of the National Appeal Regulations, 2014, as contained in GN R. 993 of 04 December 2014, and
6.1.3. Advise interested and affected parties that a copy of the Refusal Notice and reasons for the decision will be furnished on request.

6.2. Should you decide to appeal, you must submit your appeal to the appeal administrator, as indicated in the table contained in point 6.3 below, and serve a copy of the appeal to the applicant, any registered interested and affected party and any organ of state with interest in the matter within twenty (20) days as described in Regulation 4 of the National Appeal Regulations, 2014.

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

6.3. The address to which the *originals* of any such an appeal and any other documents pertaining to the appeal must be mailed is outlined below. Please note that originals may also be delivered per hand or courier.

<table>
<thead>
<tr>
<th>Department</th>
<th>Economic Development, Environmental Affairs &amp; Tourism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attention</td>
<td>General Manager: Environmental Affairs</td>
</tr>
<tr>
<td>Postal Address</td>
<td>Private Bag X0054, BHISHO, 5605</td>
</tr>
<tr>
<td>Hand deliveries at:</td>
<td>Beacon Hill</td>
</tr>
<tr>
<td></td>
<td>Hockley Close</td>
</tr>
<tr>
<td></td>
<td>King William’s Town</td>
</tr>
<tr>
<td></td>
<td>5601</td>
</tr>
</tbody>
</table>

In order to facilitate efficient administration of appeals *copies* of the appeal and any subsequent appeal documentation must also be submitted as follows:

<table>
<thead>
<tr>
<th>General Manager: Environmental Affairs per fax:</th>
<th>[043] 605 7300</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manager: Mr S. Gqalangile - Environmental Impact Management per fax:</td>
<td>[043] 605 7300</td>
</tr>
</tbody>
</table>

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 Environmental Authorisation, no listed activities as described in this Environmental Authorisation may 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.

NICOLE GERBER  
ENVIRONMENTAL OFFICER: EIM  
CACADU REGION  
DATE: 01/06/2016

DAYALAN GOVENDER  
DEPUTY DIRECTOR: ENVIRONMENTAL AFFAIRS  
CACADU REGION  
DATE: 01/06/2016