



No DEDEAT Reference has been assigned to this project as this Draft Basic Assessment Report forms part of the Pre-Application process

BASIC ASSESSMENT REPORT

(For official use only)

File Reference Number:

Application Number:

Date Received:

Basic assessment report in terms of the Environmental Impact Assessment Regulations, 2014, promulgated in terms of the National Environmental Management Act, 1998(Act No. 107 of 1998), as amended.

Kindly note that:

1. This **basic assessment report** is a standard report that may be required by a competent authority in terms of the EIA Regulations, 2014 and is meant to streamline applications. Please make sure that it is the report used by the particular competent authority for the activity that is being applied for.
2. The report must be typed within the spaces provided in the form. The size of the spaces provided is not necessarily indicative of the amount of information to be provided. The report is in the form of a table that can extend itself as each space is filled with typing.
3. Where applicable **tick** the boxes that are applicable or **black out** the boxes that are not applicable in the report.
4. An incomplete report may be returned to the applicant for revision.
5. The use of "not applicable" in the report must be done with circumspection because if it is used in respect of material information that is required by the competent authority for assessing the application, it may result in the rejection of the application as provided for in the regulations.
6. This report must be handed in at offices of the relevant competent authority as determined by each authority.
7. No faxed or e-mailed reports will be accepted.
8. The report must be compiled by an independent environmental assessment practitioner (EAP).

9. Unless protected by law, all information in the report will become public information on receipt by the competent authority. Any interested and affected party should be provided with the information contained in this report on request, during any stage of the application process.

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10. A competent authority may require that for specified types of activities in defined situations only parts of this report need to be completed.

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SECTION A: ACTIVITY INFORMATION

Has a specialist been consulted to assist with the completion of this section?

YES	NO
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If YES, please complete form XX for each specialist thus appointed:

Any specialist reports must be contained in Appendix D.

1. ACTIVITY DESCRIPTION

Describe the activity, which is being applied for, in detail

Eco Route Environmental Consultancy has been appointed as independent environmental practitioners by the proponent, Kromme Enviro-Trust, to ensure the lawful construction of a boardwalk starting from Granny's Pool and ending at Main Beach, St Francis Bay, Eastern Cape. This Basic Assessment Report has been compiled in terms of the National Environmental Management Act (Act 107 of 1998).

Alternative 1 / Preferred Alternative

The proposed will be the construction of a wooden boardwalk which is approximately 395 metres in length and 1.2 metres wide, with a guardrail of 0.9 metres in height, and will have two fishing platforms included in the design. The boardwalk will begin at Granny's pool and end at Main Beach in St Francis Bay, and will be constructed above spring tide levels. Wooden staircases for Erf 1387, Erf 1282 and Erf 243 will be incorporated into the proposed boardwalk.

The boardwalk will be constructed within the littoral active zone and the high-water mark of the sea.

The proposed boardwalk falls within 100m from the high-water mark of the sea which indicates that the development occurs within the coastal protection zone. The proposed development would also occur in the littoral active zone as defined in the Integrated Coastal Management Act, 2008 (Act 24 of 2008) as: "any land forming part of, or adjacent to, the seashore that is- (b) characterised by dunes, beaches, sand bars...etc."

Alternative 2

The proposed will be the construction of a wooden boardwalk which is approximately 395 metres in length and 1.2 metres wide, with a guardrail of 0.9 metres in height. This alternative will **not** include two fishing platforms. The boardwalk will begin at Granny's pool and end at Main Beach in St Francis Bay. Wooden staircases for Erf 1387, Erf 1282 and Erf 243 will be incorporated into the proposed boardwalk.

The boardwalk will be constructed within the littoral active zone and the high-water mark of the sea.

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Figure 1: Locality map showing the proposed position of the boardwalk.

The following Listed Activities in terms of NEMA 2017 are triggered by the proposed development:

Listing Notice	Activity no.	Description of Activity
Listing Notice 1 – R327 Basic Assessment Report (BAR)	12	The development of— (ii) infrastructure or structures with a physical footprint of 100 square metres or more; where such development occurs— (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.
Listing Notice 1 – R327 Basic Assessment Report (BAR)	15	The development of structures in the coastal public property where the development footprint is bigger than 50 square meters.
Listing Notice 1 – R327 Basic Assessment Report (BAR)	17	Development— (iii) within the littoral active zone;

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		<p>(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;</p> <p>in respect of—</p> <p>(e) infrastructure or structures with a development footprint of 50 square metres or more.</p>
Listing Notice 1 – R327 Basic Assessment Report (BAR)	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 a watercourse.
Listing Notice 1 – R327 Basic Assessment Report (BAR)	19A	<p>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—</p> <p>(i) the seashore;</p> <p>(ii) the littoral active zone, an estuary or a distance of 100 metres inland of the high-water mark of the sea or an estuary, whichever distance is the greater</p>

Listing Notice	Activity no.	Description of Activity
Listing Notice 3 – R324 Basic Assessment Report (BAR)	12	<p>The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>(a) In Eastern Cape:</p> <p>(iii) Within the littoral active zone or 100 metres inland from high water mark of the sea or an estuary, whichever distance is the greater, excluding where such removal will occur behind the development setback line on erven in urban areas</p>
Listing Notice 3 – R324 Basic Assessment Report (BAR)	14	<p>The development of –</p> <p>(ii) Infrastructure or structures with a physical footprint of 10 square meters or more;</p>

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		<p>where such development occurs –</p> <p>(c) if no development setback line exists, within 32 meters of a watercourse, measured from the edge of the of a water course.</p> <p>(a) In Eastern Cape:</p> <p>i. Outside Urban Areas in -</p> <p>(hh) Areas within 10 kilometres from national parks or world heritage sites or 5 kilometres from any other protected area identified in terms of NEMPAA or from the core areas of a biosphere reserve, excluding disturbed areas; or</p> <p>(ii) Areas seawards of the development setback line or within 1 kilometre from the high-water mark of the sea if no such development setback line is determined.</p>
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2. FEASIBLE AND REASONABLE ALTERNATIVES

“alternatives”, in relation to a proposed activity, means different means of meeting the general purpose and requirements of the activity, which may include alternatives to—

- (a) the property on which or location where it is proposed to undertake the activity;
- (b) the type of activity to be undertaken;
- (c) the design or layout of the activity;
- (d) the technology to be used in the activity;
- (e) the operational aspects of the activity; and
- (f) the option of not implementing the activity.

Describe alternatives that are considered in this application. Alternatives should include a consideration of all possible means by which the purpose and need of the proposed activity could be accomplished in the specific instance taking account of the interest of the applicant in the activity. The no-go alternative must in all cases be included in the assessment phase as the baseline against which the impacts of the other alternatives are assessed. The determination of whether site or activity (including different processes etc.) or both is appropriate needs to be informed by the specific circumstances of the activity and its environment. After receipt of this report the competent authority may also request the applicant to assess additional alternatives that could possibly accomplish the purpose

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and need of the proposed activity if it is clear that realistic alternatives have not been considered to a reasonable extent.

Paragraphs 3 – 13 below should be completed for each alternative.

Alternatives

“Alternatives” are defined in the Regulations as different means of meeting the general purpose and requirements of the activity, which may include alternatives to: (a) the property on which or location where it is proposed to undertake the activity; (b) the type of activity to be undertaken; (c) the design or layout of the activity; (d) the technology to be used in the activity or process alternatives; (e) the operational aspects of the activity; and (f) the option of not implementing the activity.

At present the following alternative is being considered for this project:

- Fishing platforms will be excluded in the second alternative design of the boardwalk.

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3. ACTIVITY POSITION

Indicate the position of the activity using the latitude and longitude of the centre point of the site for each alternative site. The co-ordinates should be in degrees and decimal minutes. The minutes should have at least three decimals to ensure adequate accuracy. The projection that must be used in all cases is the WGS84 spheroid in a national or local projection.

List alternative sites if applicable.

Alternative: N/A

Alternative S1¹ (preferred or only site alternative)

Alternative S2 (if any)

Latitude (S):

Longitude (E):

In the case of linear activities:

Alternative:

Alternative S1 (preferred or only route alternative)

- Starting point of the activity
- Middle point of the activity
- End point of the activity

Alternative S2 (if any)

- Starting point of the activity
- Middle point of the activity
- End point of the activity

Alternative S3 (if any)

- Starting point of the activity
- Middle point of the activity
- End point of the activity

Latitude (S):

Longitude (E):

- 34°	169970'	24°	833503
- 34°	168488	24°	832396
- 34°	166877	24°	831801

For route alternatives that are longer than 500m, please provide an addendum with co-ordinates taken every 250 meters along the route for each alternative alignment.

¹ "Alternative S.." refer to site alternatives.



4. PHYSICAL SIZE OF THE ACTIVITY

Indicate the physical size of the preferred activity/technology as well as alternative activities/technologies (footprints):

Alternative:

- Alternative A1² (preferred activity alternative)
- Alternative A2 (if any)
- Alternative A3 (if any)

Size of the activity:

or, for linear activities:

Alternative:

- Alternative A1 (preferred activity alternative)
- Alternative A2 (if any)
- Alternative A3 (if any)

Length of the activity:

395 metres
395 metres

Indicate the size of the alternative sites or servitudes (within which the above footprints will occur):

Alternative:

- Alternative A1 (preferred activity alternative)
- Alternative A2 (if any) **There is only one site**
- Alternative A3 (if any)

Size of the site/servitude:

Approximately 474 m ² with two fishing platforms of approx. 97.61 m ² each.
Approximately 474 m ²

5. SITE ACCESS

Does ready access to the site exist?

YES	NO
N/A	

If NO, what is the distance over which a new access road will be built

Describe the type of access road planned:

N/A

Include the position of the access road on the site plan and required map, as well as an indication of the road in relation to the site.

² "Alternative A.." refer to activity, process, technology or other alternatives.

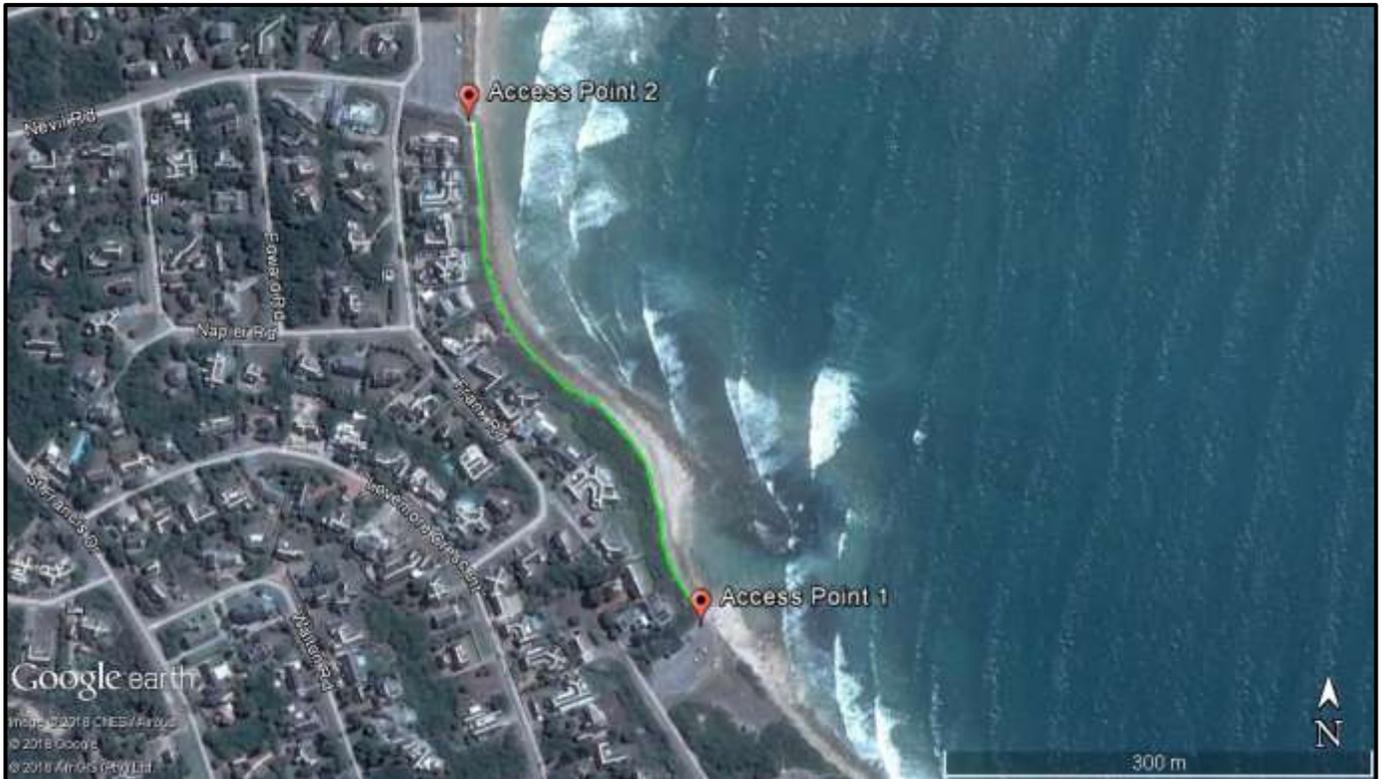


Figure 2: Locality map showing the access points of the boardwalk.

6. SITE OR ROUTE PLAN

A detailed site or route plan(s) must be prepared for each alternative site or alternative activity. It must be attached as Appendix A to this document.

The site or route plans must indicate the following:

- 6.1 the scale of the plan which must be at least a scale of 1:500;
- 6.2 the property boundaries and numbers of all the properties within 50 metres of the site;
- 6.3 the current land use as well as the land use zoning of each of the properties adjoining the site or sites;
- 6.4 the exact position of each element of the application as well as any other structures on the site;

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- 6.5 the position of services, including electricity supply cables (indicate above or underground), water supply pipelines, boreholes, street lights, sewage pipelines, storm water infrastructure and telecommunication infrastructure;
- 6.6 all trees and shrubs taller than 1.8 metres;
- 6.7 walls and fencing including details of the height and construction material;
- 6.8 servitudes indicating the purpose of the servitude;
- 6.9 sensitive environmental elements within 100 metres of the site or sites including (but not limited thereto):
 - rivers;
 - the 1:100 year flood line (where available or where it is required by DWA);
 - ridges;
 - cultural and historical features;
 - areas with indigenous vegetation (even if it is degraded or invested with alien species);
- 6.9 for gentle slopes the 1 metre contour intervals must be indicated on the plan and whenever the slope of the site exceeds 1:10, the 500mm contours must be indicated on the plan; and
- 6.10 the positions from where photographs of the site were taken.

7. **SITE PHOTOGRAPHS**

Colour photographs from the centre of the site must be taken in at least the eight major compass directions with a description of each photograph. Photographs must be attached under Appendix B to this form. It must be supplemented with additional photographs of relevant features on the site, if applicable.

8. **FACILITY ILLUSTRATION**

A detailed illustration of the activity must be provided at a scale of 1:200 as Appendix C for activities that include structures. The illustrations must be to scale and must represent a realistic image of the planned activity. The illustration must give a representative view of the activity.

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9. ACTIVITY MOTIVATION

9(a) Socio-economic value of the activity

What is the expected capital value of the activity on completion?

R850 000

What is the expected yearly income that will be generated by or as a result of the activity?

Nil

Will the activity contribute to service infrastructure?

YES NO

Is the activity a public amenity?

YES NO

How many new employment opportunities will be created in the development phase of the activity?

8

What is the expected value of the employment opportunities during the development phase?

R425 000

What percentage of this will accrue to previously disadvantaged individuals?

67%

How many permanent new employment opportunities will be created during the operational phase of the activity?

Nil

What is the expected current value of the employment opportunities during the first 10 years?

R200 000

What percentage of this will accrue to previously disadvantaged individuals?

80%

9(b) Need and desirability of the activity

Motivate and explain the need and desirability of the activity (including demand for the activity):

The following motivation has been provided by Kromme Enviro-Trust (Proponent) -

The boardwalk is required to:

- complete the coastal path from the Kromme River to the Cape St Francis lighthouse;

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- to link the coastal amenities of St Francis Bay;
- to provide safe passage for the community between the main swimming beach and the only paddling pool in St Francis Bay;
- to improve access for fishermen; and
- to protect the ecology of the coastal fringe.

There is a path along the entire stretch of coast from the Kromme River mouth to the Cape St Francis lighthouse, except for the few hundred metres between the St Francis Bay main beach and Granny's Pool. This stretch is boulder-strewn and rocky, very difficult to traverse even at low tide, and impassable at high tide.

The Two Harbours Walk from Port St Francis to Granny's Pool is a boardwalk for much of its length. Wherever the terrain is difficult it is logical to continue this amenity for the extra few hundred metres to main beach.

Many visitors, including the increasing number of Chokka Trail walkers, use the Two Harbours boardwalk and the access it provides to tourist amenities. Both visitors and residents will make use of the variety of amenities offered in the area by using the proposed walkway.

Granny's Pool is the only rock pool in St Francis Bay where members of the community from toddlers to the elderly, including the less able can paddle and swim. However, because there is no direct access to the pool from main beach, bathers are required to travel a longer route to gain access to the pool. Walking is at present too difficult and unsafe. The boardwalk will provide safe passage and enable people to move back and forth easily between the two swimming spots.

Fishermen use this stretch of coast constantly, because of its proximity and the abundance of fish present in the area. They too must contend with the rocky terrain and the impassability at high tide. The preferred alternative design of the boardwalk is proposed to include two fishing bays to accommodate the fishermen's needs. There is public awareness of the litter caused by local fisherman. The proposed boardwalk will have sufficient waste disposal bins that will be bolted to the boardwalk at regular intervals. The provision of these waste bins will expectantly reduce the waste that is currently being thrown into the sea.

In addition, fishermen and walkers making their way along the existing fringe at the edge of the rocks create erosion of the sandy soil and destroy plant growth, gradually weakening the landforms. The boardwalk will, to some extent, protect the coastal fringe.

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Indicate any benefits that the activity will have for society in general:

N/A

Indicate any benefits that the activity will have for the local communities where the activity will be located:

The public will have safe and direct access from Granny's Pool to main beach with the proposed boardwalk. In addition, construction of the boardwalk will provide temporary employment for the local community.

10. APPLICABLE LEGISLATION, POLICIES AND/OR GUIDELINES

List all legislation, policies and/or guidelines of any sphere of government that are applicable to the application as contemplated in the EIA regulations, if applicable:

LEGISLATION	ADMINISTERING AUTHORITY	TYPE Permit/ license/ authorisation/comment / relevant consideration (e.g. rezoning or consent use, building plan approval)	DATE (if already obtained):
CONSTITUTION OF THE REPUBLIC OF SOUTH AFRICA. (ACT 108 OF 1996)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	RELEVANT CONSIDERATION	N/A
ENVIRONMENTAL CONSERVATION ACT (ACT 73 OF 1989)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	RELEVANT CONSIDERATION	N/A
NATIONAL ENVIRONMENTAL MANAGEMENT ACT (ACT 107 OF 1998)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	AUTHORIZATION	In process

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NATIONAL ENVIRONMENTAL MANAGEMENT AMENDMENT ACT (ACT 62 OF 2008)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	AUTHORIZATION	In Process
NATIONAL ENVIRONMENTAL MANAGEMENT: BIODIVERSITY ACT (ACT NO 10 OF 2004)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	COMMENT/ RELEVANT CONSIDERATION	N/A
NATIONAL ENVIRONMENTAL MANAGEMENT: INTEGRATED COASTAL MANAGEMENT ACT (ACT NO 24 OF 2008)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	RELEVANT CONSIDERATION	N/A
NATIONAL ENVIRONMENTAL MANAGEMENT: PROTECTED AREAS ACT (ACT 57 OF 2003)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	RELEVANT CONSIDERATION	N/A
SEA SHORE ACT (ACT 21 OF 1935)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	RELEVANT CONSIDERATION	N/A
CONSERVATION OF AGRICULTURAL RESOURCES ACT (ACT 43 OF 1983)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	RELEVANT CONSIDERATION	N/A

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	<u>Dept. of Agriculture Jurisdiction</u>		
NATIONAL HERITAGE RESOURCES ACT (ACT 25 OF 1999)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities.	RELEVANT CONSIDERATION	N/A
OCCUPATIONAL HEALTH AND SAFETY ACT (ACT 85 OF 1993)	Department of Environmental Affairs, Republic of South Africa. All State and Provincial Departments as well as Local Authorities that have been identified as relevant Competent Authorities. <u>Dept. of Health Jurisdiction</u>	RELEVANT CONSIDERATION	N/A

11. WASTE, EFFLUENT, EMISSION AND NOISE MANAGEMENT

11(a) Solid waste management

Will the activity produce solid construction waste during the construction/initiation phase?

YES	NO
-----	----

If yes, what estimated quantity will be produced per month?

<0.5m ³

How will the construction solid waste be disposed of (describe)?

Construction solid waste will be separated accordingly and either re-used or recycled.

Where will the construction solid waste be disposed of (describe)?

Waste will be disposed of at the nearest registered waste collection facility.

Will the activity produce solid waste during its operational phase?

YES	NO
-----	----

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If yes, what estimated quantity will be produced per month?

Amount cannot be estimated as this is a public amenity.

How will the solid waste be disposed of (describe)?

Four (4) solid waste bins and four (4) waste tubes will be placed and bolted into the boardwalk at regular intervals.

Where will the solid waste be disposed if it does not feed into a municipal waste stream (describe)?

Solid waste will be collected and disposed of by Kouga Municipality's waste collection services.

If the solid waste (construction or operational phases) will not be disposed of in a registered landfill site or be taken up in a municipal waste stream, then the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Can any part of the solid waste be classified as hazardous in terms of the relevant legislation?

YES	NO
-----	----

If yes, inform the competent authority and request a change to an application for scoping and EIA.

Is the activity that is being applied for a solid waste handling or treatment facility?

YES	NO
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If yes, then the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

11(b) Liquid effluent

Will the activity produce effluent, other than normal sewage, that will be disposed of in a municipal sewage system?

YES	NO
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If yes, what estimated quantity will be produced per month?

N/A	
YES	NO

Will the activity produce any effluent that will be treated and/or disposed of on site?

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If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

Will the activity produce effluent that will be treated and/or disposed of at another facility?

YES	NO
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If yes, provide the particulars of the facility: N/A

Facility name:

Contact person:

Postal address:

Postal code:

Telephone:

Cell:

E-mail:

Fax:

Describe the measures that will be taken to ensure the optimal reuse or recycling of waste water, if any:

N/A

11(c) Emissions into the atmosphere

Will the activity release emissions into the atmosphere?

YES	NO
-----	----

If yes, is it controlled by any legislation of any sphere of government?

YES	NO
-----	----

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the emissions in terms of type and concentration:

The activity will not produce emissions.

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11(d) Generation of noise

Will the activity generate noise?

YES	NO
YES	NO

If yes, is it controlled by any legislation of any sphere of government?

If yes, the applicant should consult with the competent authority to determine whether it is necessary to change to an application for scoping and EIA.

If no, describe the noise in terms of type and level:

Noise from the public will be generated with the use of the proposed boardwalk.

12. WATER USE

Please indicate the source(s) of water that will be used for the activity by ticking the appropriate box(es)

municipal	water board	groundwater	river, stream, dam or lake	Other-	the activity will not use water
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If water is to be extracted from groundwater, river, stream, dam, lake or any other natural feature, please indicate N/A

the volume that will be extracted per month:

N/A
YES NO

Does the activity require a water use permit from the Department of Water Affairs?

If yes, please submit the necessary application to the Department of Water Affairs and attach proof thereof to this application if it has been submitted.

13. ENERGY EFFICIENCY

Describe the design measures, if any, that have been taken to ensure that the activity is energy efficient:

N/A

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Describe how alternative energy sources have been taken into account or been built into the design of the activity, if any:

N/A

SECTION B: SITE/AREA/PROPERTY DESCRIPTION

Important notes:

- For linear activities (pipelines, etc) as well as activities that cover very large sites, it may be necessary to complete this section for each part of the site that has a significantly different environment. In such cases please complete copies of Section C and indicate the area, which is covered by each copy No. on the Site Plan.

Section C Copy No. (e.g. A):

1

- Paragraphs 1 - 6 below must be completed for each alternative. **There is only one site, therefore only one copy of this section has been completed.**

- Has a specialist been consulted to assist with the completion of this section?

YES

NO

If YES, please complete form XX for each specialist thus appointed:

All specialist reports must be contained in Appendix D.

1. GRADIENT OF THE SITE

Indicate the general gradient of the site.

Alternative S1:

Flat	1:50 – 1:20	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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Alternative S2 (if any): N/A

Flat	1:50 – 1:20	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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Alternative S3 (if any): N/A

Flat	1:50 – 1:20	1:20 – 1:15	1:15 – 1:10	1:10 – 1:7,5	1:7,5 – 1:5	Steeper than 1:5
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2. LOCATION IN LANDSCAPE

Indicate the landform(s) that best describes the site:

- 2.1 Ridgeline
- 2.2 Plateau
- 2.3 Side slope of hill/mountain
- 2.4 Closed valley
- 2.5 Open valley
- 2.6 Plain
- 2.7 Undulating plain / low hills
- 2.8 Dune**
- 2.9 Seafront**

3. GROUNDWATER, SOIL AND GEOLOGICAL STABILITY OF THE SITE

Is the site(s) located on any of the following (tick the appropriate boxes)?

	Alternative S1:		Alternative S2 (if any): N/A		Alternative S3 (if any): N/A	
Shallow water table (less than 1.5m deep)	YES	NO	YES	NO	YES	NO
Dolomite, sinkhole or doline areas	YES	NO	YES	NO	YES	NO
Seasonally wet soils (often close to water bodies)	YES	NO	YES	NO	YES	NO

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Unstable rocky slopes or steep slopes with loose soil

Dispersive soils (soils that dissolve in water)

Soils with high clay content (clay fraction more than 40%)

Any other unstable soil or geological feature **Sea Dunes**

An area sensitive to erosion

YES	NO

YES	NO

YES	NO

If you are unsure about any of the above or if you are concerned that any of the above aspects may be an issue of concern in the application, an appropriate specialist should be appointed to assist in the completion of this section. (Information in respect of the above will often be available as part of the project information or at the planning sections of local authorities. Where it exists, the 1:50 000 scale Regional Geotechnical Maps prepared by the Council for Geo Science may also be consulted).

4. GROUNDCOVER

Indicate the types of groundcover present on the site:

- 4.1 Natural veld – good condition ^E
- 4.2 Natural veld – scattered aliens ^E
- 4.3 Natural veld with heavy alien infestation ^E
- 4.4 Veld dominated by alien species ^E
- 4.5 Gardens
- 4.6 Sport field
- 4.7 Cultivated land
- 4.8 Paved surface
- 4.9 Building or other structure
- 4.10 Bare soil

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The location of all identified rare or endangered species or other elements should be accurately indicated on the site plan(s).

Natural veld — good condition ^E	Natural veld with scattered aliens ^E	Natural veld with heavy alien infestation ^E	Veld dominated by alien species ^E	Gardens	Dunes
Sport field	Cultivated land	Paved surface	Building or other structure	Bare soil	Boulders

If any of the boxes marked with an “E” is ticked, please consult an appropriate specialist to assist in the completion of this section if the environmental assessment practitioner doesn’t have the necessary expertise.

5. LAND USE CHARACTER OF SURROUNDING AREA

Indicate land uses and/or prominent features that currently occur within a 500m radius of the site and give description of how this influences the application or may be impacted upon by the application:

5.1 Natural area

5.2 Low density residential

5.3 Medium density residential

5.4 High density residential

5.5 Informal residential

5.6 Retail commercial & warehousing

5.7 Light industrial

5.8 Medium industrial ^{AN}

5.9 Heavy industrial ^{AN}

5.10 Power station

5.11 Office/consulting room

5.12 Military or police base/station/compound

5.13 Spoil heap or slimes dam^A

5.14 Quarry, sand or borrow pit

5.15 Dam or reservoir

5.16 Hospital/medical centre

5.17 School

5.18 Tertiary education facility

5.19 Church

5.20 Old age home

5.21 Sewage treatment plant^A

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5.22 Train station or shunting yard ^N

5.23 Railway line ^N

5.24 Major road (4 lanes or more) ^N

5.25 Airport ^N

5.26 Harbour

5.27 Sport facilities

5.28 Golf course

5.29 Polo fields

5.30 Filling station ^H

5.31 Landfill or waste treatment site

5.32 Plantation

5.33 Agriculture

5.34 River, stream or wetland

5.35 Nature conservation area – Seal Bay Local Authority Nature Reserve

5.36 Mountain, koppie or ridge

5.37 Museum

5.38 Historical building

5.39 Protected Area

5.40 Graveyard

5.41 Archaeological site

5.42 Other land uses (describe)

If any of the boxes marked with an "N" are ticked, how will this impact / be impacted upon by the proposed activity.

N/A

If any of the boxes marked with an "An" are ticked, how will this impact / be impacted upon by the proposed activity.

If YES, specify and explain:

N/A

If any of the boxes marked with an "H" are ticked, how will this impact / be impacted upon by the proposed activity.

If YES, specify and explain:

N/A

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6. CULTURAL/HISTORICAL FEATURES

Are there any signs of culturally or historically significant elements, as defined in section 2 of the National Heritage Resources Act, 1999, (Act No. 25 of 1999), including Archaeological or palaeontological sites, on or close (within 20m) to the site?	YES	NO
	Uncertain	
If YES, explain:	N/A	
If uncertain, conduct a specialist investigation by a recognised specialist in the field to establish whether there is such a feature(s) present on or close to the site.		
Briefly explain the findings of the specialist:	N/A	
Will any building or structure older than 60 years be affected in any way?	YES	NO
Is it necessary to apply for a permit in terms of the National Heritage Resources Act, 1999 (Act 25 of 1999)?	YES	NO
If yes, please submit or, make sure that the applicant or a specialist submits the necessary application to SAHRA or the relevant provincial heritage agency and attach proof thereof to this application if such application has been made.		

SECTION C: PUBLIC PARTICIPATION

1. ADVERTISEMENT

The person conducting a public participation process must take into account any guidelines applicable to public participation as contemplated in section 24J of the Act and must give notice to all potential interested and affected parties of the application which is subjected to public participation by—

- (a) fixing a notice board (of a size at least 60cm by 42cm; and must display the required information in lettering and in a format as may be determined by the competent authority) at a place conspicuous to the public at the boundary or on the fence of—
 - (i) the site where the activity to which the application relates is or is to be undertaken; and
 - (ii) any alternative site mentioned in the application;

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- (b) giving written notice to—
 - (i) the owner or person in control of that land if the applicant is not the owner or person in control of the land;
 - (ii) the occupiers of the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
 - (iii) owners and occupiers of land adjacent to the site where the activity is or is to be undertaken or to any alternative site where the activity is to be undertaken;
 - (iv) the municipal councillor of the ward in which the site or alternative site is situated and any organisation of ratepayers that represent the community in the area;
 - (v) the municipality which has jurisdiction in the area;
 - (vi) any organ of state having jurisdiction in respect of any aspect of the activity; and
 - (vii) any other party as required by the competent authority;
- (c) placing an advertisement in—
 - (i) one local newspaper; or
 - (ii) any official *Gazette* that is published specifically for the purpose of providing public notice of applications or other submissions made in terms of these Regulations;
- (d) placing an advertisement in at least one provincial newspaper or national newspaper, if the activity has or may have an impact that extends beyond the boundaries of the metropolitan or local municipality in which it is or will be undertaken: Provided that this paragraph need not be complied with if an advertisement has been placed in an official *Gazette* referred to in subregulation 54(c)(ii); and
- (e) using reasonable alternative methods, as agreed to by the competent authority, in those instances where a person is desiring of but unable to participate in the process due to—
 - (i) illiteracy;
 - (ii) disability; or
 - (iii) any other disadvantage.

2. CONTENT OF ADVERTISEMENTS AND NOTICES

A notice board, advertisement or notices must:

- (a) indicate the details of the application which is subjected to public participation; and
- (b) state—
 - (i) that the application has been submitted to the competent authority in terms of these Regulations, as the case may be;
 - (ii) whether basic assessment or scoping procedures are being applied to the application, in the case of an application for environmental authorisation;

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- (iii) the nature and location of the activity to which the application relates;
- (iv) where further information on the application or activity can be obtained; and
- (iv) the manner in which and the person to whom representations in respect of the application may be made.

3. PLACEMENT OF ADVERTISEMENTS AND NOTICES

Where the proposed activity may have impacts that extend beyond the municipal area where it is located, a notice must be placed in at least one provincial newspaper or national newspaper, indicating that an application will be submitted to the competent authority in terms of these regulations, the nature and location of the activity, where further information on the proposed activity can be obtained and the manner in which representations in respect of the application can be made, unless a notice has been placed in any *Gazette* that is published specifically for the purpose of providing notice to the public of applications made in terms of the EIA regulations.

Advertisements and notices must make provision for all alternatives.

4. DETERMINATION OF APPROPRIATE MEASURES

The practitioner must ensure that the public participation is adequate and must determine whether a public meeting or any other additional measure is appropriate or not based on the particular nature of each case. Special attention should be given to the involvement of local community structures such as Ward Committees, ratepayers associations and traditional authorities where appropriate. Please note that public concerns that emerge at a later stage that should have been addressed may cause the competent authority to withdraw any authorisation it may have issued if it becomes apparent that the public participation process was inadequate.

5. COMMENTS AND RESPONSE REPORT

The practitioner must record all comments and respond to each comment of the public before the application is submitted. The comments and responses must be captured in a comments and response report as prescribed in the EIA regulations and be attached to this application. The comments and response report must be attached under Appendix E. *A Comments and Response report will be compiled from the comments received during this public participation. Comments received from the BID have been attached to this Basic Assessment Report.*

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6. AUTHORITY PARTICIPATION

Authorities are key interested and affected parties in each application and no decision on any application will be made before the relevant local authority is provided with the opportunity to give input. The planning and the environmental sections of the local authority must be informed of the application at least 30 (thirty) calendar days before the submission of the application.

List of authorities informed:

Authority/Organ of State	Contact person (Title, Name and Surname)	Tel No.	Fax No	e-mail	Postal address
Eastern Cape Department of Economic Development, Environmental Affairs and Tourism: Environmental Impact Management, Cacadu Region	Andries Struwig	041 508 5840	041 508 5865	Andries.Struwig@dedea.gov.za	Private Bag X5001, Greenacres, South Africa, 6057
Eastern Cape Department of Agriculture, Forestry and Fisheries	Mr Lumkile Ngada				Private Bag X0040, Bisho 5605
Eastern Cape Parks and Tourism Agency	Shanè October	043 492 0719		Shane.October@ecpta.co.za	17-25 Oxford Street, East London CBD, 5201
Eastern Cape Provincial Heritage Resources Authority	Sello Mokhanya	043 745 0888		smokhanya@ecphra.org.za	Corner Scholl and Amalinda Drive East London 5247
Sarah Baartman District Municipality: Infrastructure and Planning	Naleli Williams	041 508 7095		nawilliams@cacadu.co.za	PO Box 318 Port Elizabeth 6000
Kouga Municipality: Infrastructure, Planning and Development	Mr Eddie Oosthuizen	042 200 8500		egomez@kouga.gov.za	PO Box 21 Jeffreys Bay 6330
Kouga Municipality: Town Planning	St Francis Bay- Anne Bezuidenhout	042 200 2255		abezuidenhout@kouga.gov.za	PO Box 137 St Francis Bay 6312

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Kouga Municipality Ward 12 Councillor	Mr B. Rheeder			benrheeder@telko msa.net	46 St Francis Bay Drive St Francis Bay 6312
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List of authorities from whom comments have been received:

No comments from authorities have been received at this stage.

7. CONSULTATION WITH OTHER STAKEHOLDERS

Note that, for linear activities, or where deviation from the public participation requirements may be appropriate, the person conducting the public participation process may deviate from the requirements of that subregulation to the extent and in the manner as may be agreed to by the competent authority.

Any stakeholder that has a direct interest in the site or property, such as servitude holders and service providers, should be informed of the application at least 30 (thirty) calendar days before the submission of the application and be provided with the opportunity to comment.

Has any comment been received from stakeholders?

YES NO

If "YES", briefly describe the feedback below (also attach copies of any correspondence to and from the stakeholders to this application):

Comments were received by Interested and Affected Parties only.

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SECTION D: IMPACT ASSESSMENT

The assessment of impacts must adhere to the minimum requirements in the EIA Regulations, 2017, and should take applicable official guidelines into account. The issues raised by interested and affected parties should also be addressed in the assessment of impacts.

1. ISSUES RAISED BY INTERESTED AND AFFECTED PARTIES

List the main issues raised by interested and affected parties.

- 1) Litter produced by the local fisherman – resulting in pollution of the sea and surrounding areas, and health hazards to both human and aquatic life.
- 2) Security – providing a boardwalk would increase accessibility for criminal activities currently being experienced in the area.
- 3) Maintenance and monitoring of the boardwalk.
- 4) Waste collection frequency.
- 5) Increased erosion of the coastal fringe due to the construction of the boardwalk.
- 6) The boardwalk would further limit access to Granny's Pool.
- 7) Relevance of the boardwalk – most of the public visit Main Beach and Granny's Pool with umbrellas etc. for a day visit and do not move from one beach to the other, and this stretch of the beach does not have an abundance of fish for fishermen.

Response from the practitioner to the issues raised by the interested and affected parties (A full response must be given in the Comments and Response Report that must be attached to this report):

- 1) The supply of waste bins along the boardwalk would expectantly reduce the amount of waste being thrown into the sea and surrounds.
- 2) Back railings, lockable gates, signage, and security companies to patrol the boardwalk would all be measures put in place to keep criminal activity at bay. However, this is not guaranteed to reduce criminal activity.

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- 3) Kromme Enviro-Trust will conduct monthly monitoring and maintenance will be conducted when necessary.
- 4) Waste will be collected by the Kouga Municipality on a weekly basis.
- 5) The boardwalk is designed to be raised above the dune to keep foot traffic off the dune, however, erecting a man-made structure into the dune may cause it to become unstable and erode during severe storms and sprint tides.
- 6) The boardwalk would provide safe passage between Granny's Pool and Main Beach as the boardwalk will be elevated above the height of spring tides, therefore, making this stretch of beach accessible at all tides.
- 7) As the boardwalk is proposed to be 395 metres long, it provides a scenic and convenient walk between Granny's Pool and Main Beach. The preferred design will include two fishing platforms that will allow fishermen to cast their lines further out into the sea.

2.IMPACTS THAT MAY RESULT FROM THE PLANNING AND DESIGN, CONSTRUCTION, OPERATIONAL, DECOMMISSIONING AND CLOSURE PHASES AS WELL AS PROPOSED MANAGEMENT OF IDENTIFIED IMPACTS AND PROPOSED MITIGATION MEASURES

List the potential direct, indirect and cumulative property/activity/design/technology/operational alternative related impacts (as appropriate) that are likely to occur as a result of the planning and design phase, construction phase, operational phase, decommissioning and closure phase, including impacts relating to the choice of site/activity/technology alternatives as well as the mitigation measures that may eliminate or reduce the potential impacts listed.

Activity	Impact summary	Significance	Proposed mitigation
Alternative 1 (preferred alternative)			
	Direct impacts:		
	Pollution of the sea and surrounding areas	High	<p>The supply of waste bins along the boardwalk would expectantly reduce the amount of waste being thrown into the sea and surrounds.</p> <p>Waste will be collected by the Kouga Municipality on a weekly basis.</p>

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Activity	Impact summary	Significance	Proposed mitigation
	Disturbance to fauna and flora during construction	Medium	No animals may be caught, trapped, killed, injured or hunted. All disturbed flora must be rehabilitated once construction has ended.
	Increased crime and vandalism	High	Back railings, lockable gates, signage, and security companies assigned to patrol the boardwalk would all be measures put in place to keep criminal activity at bay. However, this is not guaranteed to reduce criminal activity.
	Noise – public noise	Moderate	No mitigation measures exist to reduce public noise experienced during the day.
	Reduced privacy to neighbouring properties	Low - Medium	No mitigation measure exists.
	Access – from Granny’s Pool to Main Beach	Low - Medium	N/A
	Empowerment of the local community members living in the area relating to temporary employment opportunities	High	Use existing social structures and communication channels to ensure social representation.
Indirect impacts:			
	Health and safety hazards posed to surfers and aquatic life - Litter and pollution of the sea and surrounding areas	High	The supply of waste bins along the boardwalk would expectantly reduce the amount of waste being thrown into the sea and surrounds. Waste will be collected by the Kouga Municipality on a weekly basis.

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Activity	Impact summary	Significance	Proposed mitigation
	Dilapidation of structure due to infrequent maintenance	High	Monitoring must be conducted once a month and all maintenance must be conducted timeously.
	Instability and erosion of dune due to disturbed flora	Medium - High	Mitigation is limited to rehabilitating disturbed flora only where possible.
Cumulative impacts:			
	Pollution	High	The supply of waste bins along the boardwalk would expectantly reduce the amount of waste being thrown into the sea and surrounds.
	Criminal Activity	High	Back railings, lockable gates, signage, and security companies assigned to patrol the boardwalk would all be measures put in place to keep criminal activity at bay. However, this is not guaranteed to reduce criminal activity.
	Disturbance of flora	Medium - High	Mitigation is limited to rehabilitating disturbed flora only where possible.
Alternative 2			
This alternative will have the same impacts that are associated with the preferred alternative.			
No-go option			
The area will remain as is and no construction will occur. All coastal erosion will be due to natural occurrences and not man-made.			

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3. ENVIRONMENTAL IMPACT STATEMENT

Taking the assessment of potential impacts into account, please provide an environmental impact statement that summarises the impact that the proposed activity and its alternatives may have on the environment after the management and mitigation of impacts have been taken into account, with specific reference to types of impact, duration of impacts, likelihood of potential impacts actually occurring and the significance of impacts.

Alternative A (preferred alternative)

Litter and Pollution

The supply of waste bins along the boardwalk would expectantly reduce the amount of waste being thrown into the sea and surrounds.

As it is world knowledge that our oceans contain excessive amounts of waste, this mitigation measure will not be as successful as we would like it to be. Litter and pollution will still be a problem experienced in the study area as past experiences indicate that people cannot be relied on to utilise waste bins.

Security

Back railings, lockable gates, signage, and security companies to patrol the boardwalk would all be measures put in place to keep criminal activity at bay. However, these measures cannot guarantee that crime will not still be a problem experienced due to the construction of a boardwalk.

Monitoring and Maintenance

Kromme Enviro-Trust will conduct monthly monitoring and maintenance will be conducted when necessary.

Regular maintenance of the boardwalk cannot be guaranteed due to the unknown extent at which maintenance may be needed and the costs involved in continuously maintaining the boardwalk.

The strength of spring tides must be taken into consideration when constructing the boardwalk. Local knowledge of previous damage to wooden staircases in the study area must be acknowledged.

Access and Dune Stability

The boardwalk is designed to be raised above the dune to keep foot traffic off the dune, however, erecting a man-made structure into the dune may cause it to become unstable and erode during severe

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storms and spring tides. This could increase the rate at which coastal retreat is occurring, and thus pose a threat to neighbouring properties.

Alternative B

This alternative will have the same impacts that are associated with the preferred alternative as fishermen will utilise the boardwalk regardless of the presence or absence of fishing platforms.

Alternative C

N/A

No-go alternative (compulsory)

The property would remain as is and no construction would occur.



SECTION E. RECOMMENDATIONS OF PRACTITIONER

Is the information contained in this report and the documentation attached hereto sufficient to make a decision in respect of the activity applied for (in the view of the environmental assessment practitioner)?

YES	NO
YES	NO

Is an EMPr attached?

The EMPr must be attached as Appendix F.

If “NO”, indicate the aspects that should be assessed further as part of a Scoping and EIA process before a decision can be made (list the aspects that require further assessment):

N/A

If “YES”, please list any recommended conditions, including mitigation measures that should be considered for inclusion in any authorisation that may be granted by the competent authority in respect of the application:

Should Environmental Authorisation be granted for the proposed boardwalk, the following conditions should be considered and form part of the authorisation:

- Waste levels must be monitored, and waste collection frequency will have to be adjusted accordingly.
- The boardwalk should not be constructed on the dune.
- Criminals must not be able to mount back rails or lockable gates. The use of spikes should be considered.
- Frequent monitoring and maintenance of the boardwalk must be conducted.

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SECTION F: APPENDICES

The following appendixes must be attached as appropriate:

Appendix A: Site plan(s)

Appendix B: Photographs

Appendix C: Facility illustration(s)

Appendix D: Specialist reports - **None**

Appendix E: Public Participation

Appendix F: Environmental Management Programme (EMPr)

Appendix G: Other Information - **None**