



agriculture, rural development,
land & environmental affairs

MPUMALANGA PROVINCE
REPUBLIC OF SOUTH AFRICA

Samora Machel Building, No. 7 Government Boulevard, Riverside Park, Extension 2, Mbombela, 1200
Private Bag X 11219, 1200
Tel: +27 (013) 766 6067/8, Fax: +27 (013) 766 8295, Int Tel: +27 (13) 766 6067/8, Int Fax: +27 (13) 766 8295

Litiko Letekulima, Kufutfukiswa
Kwetlindzawo Tasemakhaya, Temhlaba
Netesimondzawo

Departement van Landbou,
Landelike Ontwikkeling,
Grond en Ongewing Sake

umNyango weZelimo
UkuThuthukiswa kweNdawo zemaKhaya,
iNarha neeNdaba zeBhoduluko

\Enquiries : T. Sithole
Telephone : 013 759 4077
Reference : 1/3/1/16/1E-213
NEAS : MPP/EIA/0000575/2019

Singita Sabi Sands (Pty) Ltd
P.O. Box 809
Hazyview
1242

Attention : Marc Alkema
Email : marc.a@singita.com

Dear Sir,

ENVIRONMENTAL AUTHORISATION FOR ACTIVITIES LISTED IN GOVERNMENT NOTICES R983 AND R985 (AS AMENDED) ASSOCIATED WITH THE DEVELOPMENT OF MULTIPLE PROJECTS ON THE FARMS RAVENSCOURT 257 KU AND CASTLETON 260 KU, SINGITA SABI SANDS, SABI SANDS GAME RESERVE, BUSHBUCKRIDGE LOCAL MUNICIPALITY

With reference to the abovementioned application, 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 the Environmental Impact Assessment Regulations, 2014 (as amended), you are instructed to notify all registered interested and affected parties in writing, and within 14 (fourteen) days of the date of this letter, of the Department's decision in respect of your application. Such notification must comply with the requirements of Regulation 4(2) and 4(3) and must draw the attention of registered interested and affected parties to the fact that an appeal may be lodged against the decision in terms of the National Appeal Regulations, 2014.

Your attention is drawn to the National Appeal Regulations, 2014, which regulate appeal procedures. Should you wish to appeal any aspect of the decision, you must, inter alia, lodge your appeal with the MEC, within 20 days of the date of receipt of this letter, by means of one of the following methods:

By facsimile: (013) 766 8295

By post: Private Bag x 11219
Nelspruit
1200

By hand: Samora Machel Building, No. 7 Government Boulevard
Riverside Park Extension 2
Nelspruit
1200

PH



Should you decide to appeal, you must also serve a copy of your appeal on all registered interested and affected parties and any organ of state with interest in the matter.

Yours faithfully,



MS. P.N. NTULI
ACTING CHIEF DIRECTOR: ENVIRONMENTAL AFFAIRS
DATE: 02/08/2019

cc: Kevan Zunckel
Emross Consulting (Pty) Ltd
Email: kevanzunckel@gmail.com



Samora Machel Building, No. 7 Government Boulevard, Riverside Park, Extension 2, Mbombela, 1200
Private Bag X 11219, 1200

Tel: +27 (013) 766 6067/8, Fax: +27 (013) 766 8295, Int Tel: +27 (13) 766 6067/8, Int Fax: +27 (13) 766 8295

Litiko Letekulima, Kutfutukiswa
Kwetindzawo Tasemakhaya, Temhlaba
Netesimondzawo

Departement van Landbou,
Landelike Ontwikkeling,
Grond en Ongewing Sake

umNyango weZelimo
UkuThuthukiswa kweNdawo zemaKhaya,
iNarha neeNdaba zeBhoduluko

Environmental Authorisation

Application number: 1/3/1/16/1E-213

Holder of Authorisation: Singita Sabi Sand (Pty) Ltd

NEAS reference number: MPP/EIA/0000575/2019

Location of activity: The farms Ravenscourt 257 KU and
Castleton 260 KU, Singita Sabi
Sands, Sabi Sands Game Reserve,
Bushbuckridge Local Municipality

PN

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 authorised to undertake the activity as specified below. Details regarding the basis on which the Department reached this decision are set out in Annexure 1.

2. Activities authorised

By virtue of the powers conferred on it by the National Environmental Management Act, 1998 (Act 107 of 1998) and the Environmental Impact Assessment Regulations 2014 (as amended), the Department hereby authorises:

Singita Sabi Sands (Pty) Ltd
P.O. Box 809
Hazyview
1242

Contact : Marc Alkema
Cell : 082 7146101
Fax : 013 7359851
Email : marc.a@singita.com

To undertake the following activities listed in Government Notices R983 and R985 of 4 December 2014 (as amended) associated with the development of multiple projects on the farms Ravenscourt 257 KU and Castleton 260 KU, Singita Sabi Sands, Sabi Sands Game Reserve, Bushbuckridge Local Municipality, at the co-ordinates referred to the table below (hereafter referred to as "the activity"):

Activity number	Activity Description	Extent to which Activity is Authorised Where activities authorised are in accordance with the locality plans dated 20 March 2019 (Figure 1) and 27 June 2019 (Figures 2-5) as included in the BAR dated June 2019																																			
GN R985 Activity 12	The clearance of an area of 300m ² 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 iii. 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 or proclamation in terms of NEMPAA.	<p>The clearance of not more than 4700m² of indigenous vegetation from a site measuring 5391ha for the purpose of developing a multiple projects as follows:</p> <p><u>Northern Water Pipeline and Ablutions at Bush Breakfast Site</u> - New ablutions at the Bush Breakfast site (10m²) at 24°47'3.95"S 31°25'3.85"E</p> <table border="1" data-bbox="639 1391 1466 1653"> <thead> <tr> <th>Development</th> <th>Start Point</th> <th>Mid- Point</th> <th>End- Point</th> </tr> </thead> <tbody> <tr> <td>Electricity water pipeline (75m)</td> <td>24°46'39.90"S 31°24'46.86"E</td> <td>24°46'39.70"S 31°24'47.12"E</td> <td>24°46'40.78"S 31°24'47.39"E</td> </tr> <tr> <td>Water pipeline (900m)</td> <td>24°46'40.78"S 31°24'47.39"E</td> <td>24°46'49.26"S 31°25'0.23"E</td> <td>24°47'1.46"S 31°25'6.21"E</td> </tr> <tr> <td>Water Pipeline (150m)</td> <td>24°47'1.46"S 31°25'6.21"E</td> <td>24°47'2.23"S 31°25'4.74"E</td> <td>24°47'3.95"S 31°25'3.85"E</td> </tr> </tbody> </table> <p><u>Fibre Optic Cable and Associated Electricity and Water Pipelines</u></p> <table border="1" data-bbox="639 1727 1466 1962"> <thead> <tr> <th>Development</th> <th>Start Point</th> <th>Mid- Point</th> <th>End- Point</th> </tr> </thead> <tbody> <tr> <td>Fibre Optic Cable (6.5km)</td> <td>24°47'13.92"S 31°25'34.06"E</td> <td>24°48'37.92"S 31°25'53.55"E</td> <td>24°49'55.05"S 31°26'31.21"E</td> </tr> <tr> <td>Electricity Cable (1.8km)</td> <td>24°47'19.05"S 31°25'35.66"E</td> <td>24°47'40.49"S 31°25'23.33"E</td> <td>24°48'9.39"S 31°25'21.35"E</td> </tr> <tr> <td>Water Pipeline (900m)</td> <td>24°47'40.94"S 31°25'18.58"E</td> <td>24°47'55.38"S 31°25'19.80"E</td> <td>24°48'9.39"S 31°25'21.35"E</td> </tr> </tbody> </table>				Development	Start Point	Mid- Point	End- Point	Electricity water pipeline (75m)	24°46'39.90"S 31°24'46.86"E	24°46'39.70"S 31°24'47.12"E	24°46'40.78"S 31°24'47.39"E	Water pipeline (900m)	24°46'40.78"S 31°24'47.39"E	24°46'49.26"S 31°25'0.23"E	24°47'1.46"S 31°25'6.21"E	Water Pipeline (150m)	24°47'1.46"S 31°25'6.21"E	24°47'2.23"S 31°25'4.74"E	24°47'3.95"S 31°25'3.85"E	Development	Start Point	Mid- Point	End- Point	Fibre Optic Cable (6.5km)	24°47'13.92"S 31°25'34.06"E	24°48'37.92"S 31°25'53.55"E	24°49'55.05"S 31°26'31.21"E	Electricity Cable (1.8km)	24°47'19.05"S 31°25'35.66"E	24°47'40.49"S 31°25'23.33"E	24°48'9.39"S 31°25'21.35"E	Water Pipeline (900m)	24°47'40.94"S 31°25'18.58"E	24°47'55.38"S 31°25'19.80"E	24°48'9.39"S 31°25'21.35"E
Development	Start Point	Mid- Point	End- Point																																		
Electricity water pipeline (75m)	24°46'39.90"S 31°24'46.86"E	24°46'39.70"S 31°24'47.12"E	24°46'40.78"S 31°24'47.39"E																																		
Water pipeline (900m)	24°46'40.78"S 31°24'47.39"E	24°46'49.26"S 31°25'0.23"E	24°47'1.46"S 31°25'6.21"E																																		
Water Pipeline (150m)	24°47'1.46"S 31°25'6.21"E	24°47'2.23"S 31°25'4.74"E	24°47'3.95"S 31°25'3.85"E																																		
Development	Start Point	Mid- Point	End- Point																																		
Fibre Optic Cable (6.5km)	24°47'13.92"S 31°25'34.06"E	24°48'37.92"S 31°25'53.55"E	24°49'55.05"S 31°26'31.21"E																																		
Electricity Cable (1.8km)	24°47'19.05"S 31°25'35.66"E	24°47'40.49"S 31°25'23.33"E	24°48'9.39"S 31°25'21.35"E																																		
Water Pipeline (900m)	24°47'40.94"S 31°25'18.58"E	24°47'55.38"S 31°25'19.80"E	24°48'9.39"S 31°25'21.35"E																																		

		<p><u>Ebony and Boulders Lodges</u> -Expansion of staff recreation facility (20m²) at 24°47'16.92" S31°25'22.68"E - Staff ablutions (44m²) at 24°47'13.80"S 31°25'32.16"E - New gym and boardwalk (216m²) at 24°47'18.84"S 31°25'37.98"E - New boma at Boulders Lodge (180m²) at 24°47'13.50"S 31°25'41.76"E</p> <p><u>Castleton Camp</u> - Road realignment (200m): Start point 24°49'56.25"S 31°26'31.99"E; Mid-point 24°49'58.70"S 31°26'33.96"E; End point 24°49'59.50"S 31°26'37.11" - New evaporation pond (900m²) at 24°49'43.63" S31°26'19.56"E - New treatment rooms (40m²) at 24°49'55.21"S31°26'35.51"E - Extension of existing gym and new yoga platform (56m²) at 24°49'55.20"S31°26'33.68"E - Staff swimming pool and braai area (60m²) at 24°49'56.60"S 31°26'33.42"E</p>
GN R983 Activity 19	The infilling or depositing of any material of more than 10m ³ , or the dredging excavation, removal and moving of soil, sand, shells, shell grit, pebbles or rock of more than 10m ³ from the watercourse	
GN R985 Activity 14	The development of infrastructure or structures with a physical footprint of 10m ² or more; where such development occurs (a) within a watercourse; (b) in front of a development setback; or (c) if no development setback has been adopted, within 32m of a watercourse, measured from the edge of a watercourse. I. Outside urban areas: (aa) A protected area identified in terms of NEMPAA, excluding conservancies	<ul style="list-style-type: none"> - The construction of water pipelines and fibre optic cable infrastructure across 4 watercourses as follows: <ol style="list-style-type: none"> 1 - 24°48'38.24"S 31°25'53.56"E 2 - 24°48'50.90"S 31°25'55.29"E 3 - 24°49'37.97"S 31°26'7.03"E 4 - 24°47'3.95"S 31°25'3.85"E - The installation of gabions within a watercourse to prevent erosion where trenching for water pipelines, electricity cables and fibre optic cables cross a watercourses.

The granting of this environmental authorisation is subject to the conditions set out below.

3. Conditions of Authorisation

Scope of authorisation

- 3.1. Authorisation of the activity is subject to the conditions contained in this authorisation, which form part of the environmental authorisation and are binding on the holder of the authorisation.

PH

- 3.2. Commencement for the purposes of all conditions of this authorisation means the start of any physical implementation in furtherance of the activity, including site preparation, clearance of vegetation, and any other action on the site.
- 3.3. The holder of the authorisation must ensure compliance with these 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 the authorisation.
- 3.4. The activity which is authorised may only be carried out at the property indicated above.
- 3.5. Any changes to, or deviations from, the project description set out in this 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 the authorisation to apply for further authorisation in terms of the regulations.
- 3.6. In the event that the impacts exceed the significance as predicted in the basic assessment report, the authorisation may be suspended and/or withdrawn after proper procedures have been followed.
- 3.7. In the event of any dispute concerning the significance of a particular impact, the opinion of the Department in respect of its significance will prevail.
- 3.8. The Department may change or amend any of the conditions of this authorisation if, in the opinion of the Department, it is environmentally justified.
- 3.9. This activity must commence within a period of five (5) years from the date of issue. If commencement of the activity does not occur within that period, the authorisation lapses and a new application for environmental authorisation must be made in order for the activity to be undertaken, unless the holder of this environmental authorisation has lodged a valid application to amend the validity period of this authorisation before this authorisation lapses, in which case, this authorisation will remain valid. However, the activity, including site preparation, may not commence prior to the amendment application being decided.
- 3.10. This environmental authorisation is granted for a period of twenty (20) years from the date of authorisation.
- 3.11. The holder of this authorisation is responsible for compliance with the provisions for Duty of Care and Remediation of Environmental Damage contained in Section 28 of the National Environmental Management Act, 1998 (Act 107 of 1998).
- 3.12. This authorisation does not negate the holder of the authorisation's responsibility to comply with any other statutory requirements that may be applicable to the undertaking of the activity, including, *inter alia*, the National Forests Act, 1998 (Act 84 of 1998), and the National Water Act, 1998 (Act No. 36 of 1998).

Appeal of authorisation

- 3.13. The applicant must, in writing, within fourteen days of the date of the decision on the application ensure that-
 - a) All registered interested and affected parties are provided with access to the decision and the reasons for such decision; and
 - b) The attention of all registered interested and affected parties is drawn to the fact that an appeal may be lodged against the decision in terms of the National Appeal Regulations 2014, if such appeal is available in the circumstances of the decision;
 - c) The decision includes the complete environmental authorisation granted or refused.


Management and monitoring of the activity

- 3.14. The Environmental Management Programme (EMPr) dated 28 June 2019 submitted as part of the basic assessment report dated 30 June 2019 is hereby approved, and must be implemented and adhered to throughout the lifecycle of the activity.
- 3.15. Before construction activities may commence, plant species of conservation importance (endemic, protected, Red Data) must be identified and marked, and may not be disturbed, or, where required, the relevant permits for their relocation or removal must be obtained from the relevant authority.



- 3.16. Plant species of conservation concern that are identified for relocation must be relocated to areas of similar habitat that will not be transformed, unless otherwise stipulated by the relevant permitting authority. Such species must be monitored and managed until such time that they have, in consultation with the ECO, been determined to be successfully re-established.
- 3.17. The disturbance of nests or breeding activities of birds, reptiles, or any other wildlife, is strictly prohibited.
- 3.18. All vertebrates, including slow moving reptiles and smaller mammals, must be allowed to move unharmed, or be assisted and relocated in consultation with the Environmental Control Officer.
- 3.19. The applicant must appoint an independent Environmental Control Officer (ECO) that will have the responsibility of monitoring and reporting on compliance with the conditions of this environmental authorisation as well as monitoring and reporting on the implementation of the approved EMPr:
 - 3.19.1. The ECO must be appointed before the commencement of construction and the Department must be notified of such an appointment for communication purposes.
 - 3.19.2. The ECO must oversee the identification, and relocation or removal of plant species of conservation importance.
 - 3.19.3. The ECO must, prior to any site clearing activities, oversee the identification and marking of trees that may not be removed.
 - 3.19.4. The ECO must oversee faunal search and rescue prior to and during site clearing activities.
 - 3.19.5. The ECO must oversee all surveying and demarcation activities.
 - 3.19.6. The ECO must monitor contractors' entry into sensitive habitat.
 - 3.19.7. The ECO must monitor the restriction of construction to designated areas.
 - 3.19.8. The ECO must oversee the implementation of an alien plant control program.
 - 3.19.9. The ECO must oversee and monitor the success of all rehabilitation activities.
 - 3.19.10. During the construction phase, the ECO must submit monthly compliance reports to the Department in writing and copy the applicant with such reports. Where applicable, the ECO may negotiate the required frequency for the submission of reports with the Department, which must be agreed to in writing by the Department. The reports must include a description of all activities on site, problems identified, transgressions noted and remedial action implemented. All reports must reflect the Department's reference number of the project on the cover page.
 - 3.19.11. The ECO must maintain the following on site:
 - A site diary
 - Copies of all reports submitted to the Department
 - A complaints register of all public complaints and the remedies applied to such complaints
 - 3.19.12. The ECO must remain employed until all rehabilitation measures as well as site clean-up are completed and the site is handed over to the applicant by the contractor for operation.
- 3.20. The holder of the authorisation must submit an environmental compliance audit report to the Department within 30 days of completion of the construction phase. The environmental audit report must indicate the date of the audit, the name of the auditor and the outcome of the audit in terms of compliance with the conditions of this authorisation as well as the requirements of the EMPr.
- 3.21. The Department retains the right to monitor and/ or inspect the proposed project throughout its lifecycle.

Commissioning and operation of the activity

- 3.22. At least fourteen (14) days written notice must be given to the Department that the activity will commence. The notice must include a date on which it is anticipated that the activity will commence, and must include the name and contact details of the appointed ECO.
- 3.23. The placement of any fencing on site must be finalised in consultation with the ECO. 

- 3.24. Construction personnel must be made aware of the sensitivity of the area and their movements must be limited to the construction areas only and must be enforced in terms of the contracts of appointment.
- 3.25. Only areas designated in consultation with the ECO may be used for the storage of materials, machinery and equipment, construction camps, temporary ablution, site offices and stockpiling of topsoil. Such areas may not be located in close proximity to steep areas, or within 50m from the edge of any wetland, dam or watercourse, or within the riparian zone of any watercourse.
- 3.26. The development may not impede any drainage line or wetland area.
- 3.27. Construction activities within 32m of any watercourse may only take place during low flow periods.
- 3.28. The current flow regime of watercourses may not be altered.
- 3.29. Lowering the base level and increasing the gradient in any wetland or watercourse is prohibited.
- 3.30. The quality of water downstream may not deteriorate as a result of construction activities.
- 3.31. No activity adjacent to watercourses or riparian zones may impede the free movement of riverine biota by the construction of any barrier that inhibits the continuity of the corridor function.
- 3.32. The storage and handling of fuel, lubricants, paint, tar, bitumen binders and other chemicals must be in especially demarcated impervious and bunded areas.
- 3.33. The mixing of cement, asphalt, chemicals or other noxious materials must be undertaken in designated areas on an impermeable layer such as a concrete slab or in a container suitable for this.
- 3.34. Construction vehicles and equipment must be checked and maintained regularly to ensure that there is no environmental contamination as a result of oil, fuel or hydraulic fluid leakages.
- 3.35. Pollution due to improper storage or handling of construction materials or any hazardous substances is prohibited.
- 3.36. In the event that ablution facilities are required during construction, dry chemical toilet facilities, or evaporative or eco-loo's, must be provided on site at a ratio of 1:15 for construction staff, but may not be located within 100m from any watercourse or wetland, and may not cause pollution.
- 3.37. Chemical toilets must be maintained and cleaned regularly and effluent must be disposed of off-site into an approved municipal sewage system.
- 3.38. When excavating holes and trenches, top soils and sub soils must be kept separate in order to facilitate the replacement of soils in the right order following construction.
- 3.39. Topsoil must be stockpiled at a height not exceeding 1.5m at a pre-designated location for use during rehabilitation and landscaping.
- 3.40. Topsoil stockpiles may not have slopes steeper than 1:2.5, and may not be compacted in any way or stockpiled for a period longer than 6 months.
- 3.41. Dust control mechanisms must be in place and must be implemented throughout the lifecycle of the project.
- 3.42. Increased runoff due to vegetation clearance and/ or soil compaction must be managed, and steps must be taken to ensure that storm water does not lead to bank instability and excessive levels of silt entering any watercourse.
- 3.43. Soils that become compacted through the activities of the development must be loosened to an appropriate depth to allow seed germination.
- 3.44. No surface storm water generated as a result of the development may be channeled directly into any wetland or watercourse. All surface runoff generated during both construction and operation phases must be managed prior to entering any natural drainage system or wetland so as not to impact on the natural hydrology and morphology of the watercourse.
- 3.45. Surface water rich in sediments and other pollutants must be prevented from entering watercourses and wetlands, and mechanisms for dissipating water energy must be implemented at the inception of the construction phase to prevent erosion.

pr

- 3.46. Scouring, erosion or sedimentation of all watercourses and wetlands must be prevented, and the stability of watercourses may not be detrimentally affected.
- 3.47. The removal of material may not destabilize watercourse banks.
- 3.48. It is the responsibility of the holder of the authorisation to rectify any source of pollution from their undertaking and to take appropriate measures to prevent any pollution of surface or underground water.
- 3.49. All disturbed areas must be fully rehabilitated and protected from erosion. Rehabilitation measures must be aimed at the prevention of soil erosion and the re-establishment of indigenous vegetation.
- 3.50. No construction material or any other waste material may be dumped into any watercourse or surrounding area.
- 3.51. All general waste generated on the site must be disposed of in a registered landfill site or as directed by any other relevant authority.
- 3.52. Painting or permanent marking of natural features is prohibited.
- 3.53. Construction personnel must be sensitized to the requirements of the South African Heritage Resources Act. Should any material of cultural or archaeological significance be encountered during construction, all activities must cease immediately and the South African Heritage Resources Agency (SAHRA) must be informed accordingly.
- 3.54. Complaints received from the public during the construction and operational phases of the activity must be attended to as soon as possible and addressed to the satisfaction of all concerned.

General

- 3.55. A copy of this authorisation must be kept at the property where the activity will be undertaken. The authorisation must be produced to any authorised official of the Department who requests to see it and must be made available for inspection by any employee or agent of the holder of the authorisation who works or undertakes work at the property.
- 3.56. 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.
- 3.57. Non-compliance with a condition of this authorisation may result in criminal prosecution or other actions provided for in the National Environmental Management Act, 1998 and the regulations.
- 3.58. National government, provincial government, local authorities or committees appointed in terms of the conditions of this authorisation or any other public authority shall not be held responsible for any damages or losses suffered by the applicant or his successor in title in any instance where construction or operation subsequent to construction be temporarily or permanently stopped for reasons of non-compliance by the applicant with the conditions of authorisation as set out in this document or any other subsequent document emanating from these conditions of authorisation.

ENVIRONMENTAL AUTHORISATION APPROVED BY:



MS. P.N. NTULI

ACTING CHIEF DIRECTOR: ENVIRONMENTAL AFFAIRS

DATE: 02/08/2019

Annexure 1: Reasons for the Decision

1. Background

- 1.1 The applicant, Singita Sabi Sands (Pty) Ltd, applied for authorisation to carry out the following activities listed in Government Notices R983 and R985 of 4 December 2014 (as amended) associated with the development of multiple projects on the farms Ravenscourt 257 KU and Castleton 260 KU, Singita Sabi Sands, Sabi Sands Game Reserve, Bushbuckridge Local Municipality, at the co-ordinates referred to the table below:

Activity number	Activity Description	Extent to which Activity is Authorised Where activities authorised are in accordance with the locality plans dated 20 March 2019 (Figure 1) and 27 June 2019 (Figures 2-5) as included in the BAR dated June 2019																																
GN R985 Activity 12	The clearance of an area of 300m ² 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 iii. 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 or proclamation in terms of NEMPAA.	<p>The clearance of not more than 4700m² of indigenous vegetation from a site measuring 5391ha for the purpose of developing a multiple projects as follows:</p> <p>Northern Water Pipeline and Ablutions at Bush Breakfast Site - New ablutions at the Bush Breakfast site (10m²) at 24°47'3.95"S 31°25'3.85"E</p> <table border="1" data-bbox="692 860 1490 1189"> <thead> <tr> <th>Development</th> <th>Start Point</th> <th>Mid- Point</th> <th>End- Point</th> </tr> </thead> <tbody> <tr> <td>Electricity and water pipeline (75m)</td> <td>24°46'39.90"S 31°24'46.86"E</td> <td>24°46'39.70"S 31°24'47.12"E</td> <td>24°46'40.78"S 31°24'47.39"E</td> </tr> <tr> <td>Water pipeline (900m)</td> <td>24°46'40.78"S 31°24'47.39"E</td> <td>24°46'49.26"S 31°25'0.23"E</td> <td>24°47'1.46"S 31°25'6.21"E</td> </tr> <tr> <td>Water Pipeline (150m)</td> <td>24°47'1.46"S 31°25'6.21"E</td> <td>24°47'2.23"S 31°25'4.74"E</td> <td>24°47'3.95"S 31°25'3.85"E</td> </tr> </tbody> </table> <p>Fibre Optic Cable and Associated Electricity and Water Pipelines</p> <table border="1" data-bbox="692 1305 1490 1597"> <thead> <tr> <th>Development</th> <th>Start Point</th> <th>Mid- Point</th> <th>End- Point</th> </tr> </thead> <tbody> <tr> <td>Fibre Optic Cable (6.5km)</td> <td>24°47'13.92"S 31°25'34.06"E</td> <td>24°48'37.92"S 31°25'53.55"E</td> <td>24°49'55.05"S 31°26'31.21"E</td> </tr> <tr> <td>Electricity Cable (1.8km)</td> <td>24°47'19.05"S 31°25'35.66"E</td> <td>24°47'40.49"S 31°25'23.33"E</td> <td>24°48'9.39"S 31°25'21.35"E</td> </tr> <tr> <td>Water Pipeline (900m)</td> <td>24°47'40.94"S 31°25'18.58"E</td> <td>24°47'55.38"S 31°25'19.80"E</td> <td>24°48'9.39"S 31°25'21.35"E</td> </tr> </tbody> </table> <p>Ebony and Boulders Lodges - Expansion of staff recreation facility (20m²) at 24°47'16.92" S31°25'22.68"E - Staff ablutions (44m²) at 24°47'13.80"S 31°25'32.16"E - New gym and boardwalk (216m²) at 24°47'18.84"S 31°25'37.98"E - New boma at Boulders Lodge (180m²) at 24°47'13.50"S 31°25'41.76"E</p> <p>Castleton Camp - Road realignment (200m): Start point 24°49'56.25"S 31°26'31.99"E; Mid-point 24°49'58.70"S 31°26'33.96"E; End point</p>	Development	Start Point	Mid- Point	End- Point	Electricity and water pipeline (75m)	24°46'39.90"S 31°24'46.86"E	24°46'39.70"S 31°24'47.12"E	24°46'40.78"S 31°24'47.39"E	Water pipeline (900m)	24°46'40.78"S 31°24'47.39"E	24°46'49.26"S 31°25'0.23"E	24°47'1.46"S 31°25'6.21"E	Water Pipeline (150m)	24°47'1.46"S 31°25'6.21"E	24°47'2.23"S 31°25'4.74"E	24°47'3.95"S 31°25'3.85"E	Development	Start Point	Mid- Point	End- Point	Fibre Optic Cable (6.5km)	24°47'13.92"S 31°25'34.06"E	24°48'37.92"S 31°25'53.55"E	24°49'55.05"S 31°26'31.21"E	Electricity Cable (1.8km)	24°47'19.05"S 31°25'35.66"E	24°47'40.49"S 31°25'23.33"E	24°48'9.39"S 31°25'21.35"E	Water Pipeline (900m)	24°47'40.94"S 31°25'18.58"E	24°47'55.38"S 31°25'19.80"E	24°48'9.39"S 31°25'21.35"E
Development	Start Point	Mid- Point	End- Point																															
Electricity and water pipeline (75m)	24°46'39.90"S 31°24'46.86"E	24°46'39.70"S 31°24'47.12"E	24°46'40.78"S 31°24'47.39"E																															
Water pipeline (900m)	24°46'40.78"S 31°24'47.39"E	24°46'49.26"S 31°25'0.23"E	24°47'1.46"S 31°25'6.21"E																															
Water Pipeline (150m)	24°47'1.46"S 31°25'6.21"E	24°47'2.23"S 31°25'4.74"E	24°47'3.95"S 31°25'3.85"E																															
Development	Start Point	Mid- Point	End- Point																															
Fibre Optic Cable (6.5km)	24°47'13.92"S 31°25'34.06"E	24°48'37.92"S 31°25'53.55"E	24°49'55.05"S 31°26'31.21"E																															
Electricity Cable (1.8km)	24°47'19.05"S 31°25'35.66"E	24°47'40.49"S 31°25'23.33"E	24°48'9.39"S 31°25'21.35"E																															
Water Pipeline (900m)	24°47'40.94"S 31°25'18.58"E	24°47'55.38"S 31°25'19.80"E	24°48'9.39"S 31°25'21.35"E																															

		<p>24°49'59.50"S 31°26'37.11"</p> <ul style="list-style-type: none"> - New evaporation pond (900m²) at 24°49'43.63" S31°26'19.56"E - New treatment rooms (40m²) at 24°49'55.21"S31°26'35.51"E - Extension of existing gym and new yoga platform (56m²) at 24°49'55.20"S31°26'33.68"E - Staff swimming pool and braai area (60m²) at 24°49'56.60"S 31°26'33.42"E
GN R983 Activity 19	The infilling or depositing of any material of more than 10m ³ , or the dredging excavation, removal and moving of soil, sand, shells, shell grit, pebbles or rock of more than 10m ³ from the watercourse	
GN R985 Activity 14	The development of infrastructure or structures with a physical footprint of 10m ² or more; where such development occurs (a) within a watercourse; (b) in front of a development setback; or (c) if no development setback has been adopted, within 32m of a watercourse, measured from the edge of a watercourse. I. Outside urban areas: (aa) A protected area identified in terms of NEMPAA, excluding conservancies	<ul style="list-style-type: none"> - The construction of water pipelines and fibre optic cable infrastructure across 4 watercourses as follows: <ul style="list-style-type: none"> 1 - 24°48'38.24"S 31°25'53.56"E 2 - 24°48'50.90"S 31°25'55.29"E 3 - 24°49'37.97"S 31°26'7.03"E 4 - 24°47'3.95"S 31°25'3.85"E - The installation of gabions within a watercourse to prevent erosion where trenching for water pipelines, electricity cables and fibre optic cables cross a watercourses.

- 1.2 The applicant appointed the following Environmental Assessment Practitioner (EAP) to undertake a basic assessment process:

Emross Consulting (Pty) Ltd
7 Annthia Road
Hilton
3245

Contact person : Mr. Kevan Zunckel
Cell : 082 929 4270
Email : kevanzunckel@gmail.com

2. Information considered in making the decision.

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

- a) The information contained in the application form received by the Department on 27 May 2019.
- b) The information contained in the basic assessment report dated June 2019 and the environmental management programme dated June 2019, which were submitted to this Department on 04 July 2019.
- c) The comments received from interested and affected parties as included in the basic assessment report.
- d) The objective and requirements of relevant legislation, policies and guidelines, including Section 2 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Mpumalanga Biodiversity Sector Plan.

3. Key factors considered in making the decision.

All information presented to the Department was taken into account in the Department's consideration of the application. A summary of the issues which, in the Department's view, were of the most significance is set out below:

- a) Sustainability
- b) Need and desirability
- c) Bio-physical impact

4. Findings

After consideration of the information and factors listed above, the Department made the following findings:

- a) According to the basic assessment report, the development proposal is considered to be environmentally, economically and socially sustainable.
- b) Mitigation measures and recommendations outlined in the basic assessment report and environmental management programme prepared for the activity are appropriate and practical for implementation, and it is anticipated that they will reduce the significance of potential impacts
- c) According to the basic assessment report, no threats to species or habitat were identified that cannot be adequately mitigated.

In view of the above, 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, 1998 (Act No. 107 of 1998) and that any potentially detrimental environmental impacts resulting from the proposed activity can be mitigated to acceptable levels. The application is accordingly granted.

JN