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# ENVIRONMENTAL MONITORING REPORT

## FOR THE

# HARTENBOS LANDGOED PHASE 2 DEVELOPMENT ON A PORTION OF THE REMAINDER OF THE FARM VAALEVALLEY 219, MOSSEL BAY

**PREPARED FOR:** Hartenbos Landgoed Phase 2 (Pty) Ltd

**DATE:** 12<sup>th</sup> December 2019

**REPORT NR:** EMR/HBLG/MSB/04/19

**DEADP REF NR** EG12/2/1 – AM18 – Farm Valle Valley 219/10 (5382)

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## PROJECT DETAILS

**TITLE:** Hartenbos Landgoed Phase 2 Development on a Portion of the Remainder of the Farm VaaleValley 219, Mossel Bay

**LOCATION:** Mossel Bay, Western Cape

**ENVIRONMENTAL CONSULTANCY:** Sharples Environmental Services cc.

**REPORT REVIEWER** Mr. J. Sharples

**PRIMARY ECO** Mr. M. Bennett

**EXPERTISE:** Michael studied at the University of Cape Town completing a Bachelor of Science degree majoring in Environmental and Geographic Sciences and Ocean and Atmospheric Science. Michael joined SES in 2014.

**SECONDARY ECO & AUTHOR** Mr. T. Fortuin.

**EXPERTISE:** Tiaan studied at the North West University completing a Bachelor of Science degree majoring in Environmental and Biological Sciences. Tiaan joined SES in 2018.

**CLIENT:** Hartenbos Landgoed Phase 2 (Pty) Ltd

**REPORT CLASSIFICATION:** Environmental Monitoring Report

**SES REFERENCE NUMBER:** EMR/HBLG/MSB/04/19

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| Section |                     |
|---------|---------------------|
| 1       | <b>Introduction</b> |

*Sharples Environmental Services cc (SES)* has been appointed by *Hartenbos Landgoed Phase 2 (Pty) Ltd (client)*, as the Environmental Control Officer (ECO) to monitor the construction activities on site for the development on a portion of the remainder of the Farm VaaleValley 219, Mossel Bay.

SES has been appointed to undertake three monitoring visits per month for the duration of the contract period, to ensure that environmental degradation is kept to a minimum. This monitoring report has been compiled to indicate compliance with the Environmental Management Plan (EMP) prepared by SES, dated March 2008. The monitoring site inspection for this report was undertaken on the 10<sup>th</sup> December 2019.

| Section |                                             |
|---------|---------------------------------------------|
| 2       | <b>Locality and Description of Activity</b> |

The proposed development is located between the towns of Hartenbos in the southwest and Klein Brak River in the northeast and between the railway line which runs along the coastline in the southeast and the N2 National Road in the north-west. Please refer to Figure 1 for the location of the site.

The proposed development consists of the following:

- 1265 residential erven (zoned Residential I)
- Five townhouse erven (zoned Residential III that includes 150 social housing units, a multipurpose community centre and a 300m<sup>2</sup> split zoned Business II site located on Portion 1302)
- An open space network and recreation area (zoned open space II) and a 3500m<sup>2</sup> split zoned business II site (located on portion 1306),
- A road network and associated infrastructure

Access will be from the Main Road 344 through the culvert under the N2 national road, which will be upgraded to four lanes.



Figure 1: Google Earth Image depicting the development site

Images 1 to 6 show the progression of construction activities to date (10<sup>th</sup> December 2019). Construction activities will temporarily stop on site for the December holiday break and recommence in January 2020.



**Image 1: As understood by the operator the sand was excavated and transported to a different location**



**Image 2: New road network within the development site**



**Image 3: New road network within the development site**



**Image 4: New installed sewerage cesspit and valve chamber**



**Image 5: New installed storm water culvert**



**Image 6: New installed powerlines within the development site**

To our understanding no permits have been obtained from Heritage Western Cape as stipulated in the Impact Assessment Report conducted by MAPCRM cc. Refer to Figure 3 for the location of the archaeological findings from the Heritage Report compiled for the assessment of this development which have been overlain on a Google Earth Image of the site in addition to the most recent Site Development Plan.



Figure 3: Site map indicating areas of heritage interest

| Section<br>5                       |             | COMPLIANCE WITH EA and EMPr                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                    | Complied    | Comments/Observations                                                                                                     | Action to be taken                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b><u>SITE CAMP</u></b>            | Yes/Part/No |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ablution facilities                | Partial     | A chemical toilet was noted near the site camp.                                                                           | Two chemical toilets must be provided for the labourers on site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Integrated Waste Management system | No          | No integrated waste manage approach has been adopted on site to date (10 <sup>th</sup> December 2019).                    | As stated within the approved EMPr dated March 2008, a waste management approach should be adopted and implemented on site. Non – biodegradable refuse such as glass bottles, plastic bags, metal scrap etc. must be stored in a container at a collecting point and collected on a regular basis and disposed of at an appropriate recognized disposal facility. No refuse must be dumped within the development site for extended periods of time, unless inside waste collection receptacles. Adequate waste receptacles, bins, and skips should be available for the collection and removal of waste. Where recycling facilities are available, recycling bins for various categories should be implemented. |
| Demarcation and No-Go Areas        | Yes         | The site camp has been fenced off along its perimeter with appropriate signage in place.                                  | The demarcation of the site must be maintained for the duration of the project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Housekeeping                       | Yes         | The housekeeping within the site camp was in a good condition.                                                            | The housekeeping must be maintained for the duration of the project.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b><u>SITE</u></b>                 |             |                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Site access and haulage routes     | Yes         | Access to the site is gained from the MR344 through the culvert under the N2 national road and the existing road network. | Operators are sticking to the haul routes therefore no action is required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Staff Accommodation                | Yes         | A designated eating area has been provided for the labourers on site.                                                     | No action required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Fire prevention                    | N/A         | No open fires were observed on site                                                                                       | Any fire that is needed must be attended at all times and only be undertaken in suitable areas designated by the ECO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Excavations and Earthworks         | No          | During the site inspection we noted that an excavated area was not demarcated.                                            | Construction areas must be demarcated to avoid spreading of construction activities into the sensitive areas.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

| Section<br><b>5</b>                                             |                 | <b>COMPLIANCE WITH EA and EMPr</b>                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                 | <b>Complied</b> | <b>Comments/Observations</b>                                                                                                                                   | <b>Action to be taken</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Management of Faunal movement                                   | Yes             | To our understanding no animals have been harmed.                                                                                                              | Measures as specified within Chapter 21 of the approved EMPr must be strictly adhered to.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Demarcation and No-Go Areas                                     | No              | No sensitive areas have been demarcated or marked within the development site. No adequate signage which is both informative and cautionary was noted on site. | As stated within the approved EMPr dated March 2008, all sensitive areas, which must not be disturbed, must be demarcated using with a 1.2m high fence constructed of shade cloth netting, staked at regular intervals of between two and three meters. Furthermore, where a fence is considered impractical No – go signs should be erected at frequent intervals along the edge of the no – go areas. Informative and cautionary signage should be put in place. Please refer to page 14 of the approved EMPr. |
| Ablution facilities                                             | Partial         | A chemical toilet was provided for the labourers on site.                                                                                                      | Two chemical toilets must be provided for the labourers on site.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Housekeeping                                                    | Partial         | The general housekeeping of the site was in a good condition. Building rubble and mostly removed branches were stored on site (Images 7 to 12).                | The building rubble must be removed from site and disposed of at an appropriate registered facility.                                                                                                                                                                                                                                                                                                                                                                                                             |
| Integrated Waste Management System                              | No              | No integrated waste management system has been adopted on site.                                                                                                | As stated within the approved EMPr dated March 2008, a waste management approach should be adopted and implemented on site. Non – biodegradable refuse such as glass bottles, plastic bags, metal scrap etc. must be stored in a container at a collecting point and collected on a regular basis and disposed of at an appropriate recognized disposal facility. No refuse must be dumped within the development site for extended periods of time, unless inside waste collection receptacles.                 |
| Topsoil and subsoil management<br>Stockpiles and lay-down areas | No              | No stockpiles were demarcated on site (Images 13 and 14).                                                                                                      | Topsoil and subsoil which has been removed must be stored separately and left in that position for the duration until rehabilitation ventures. Please refer to page 22 of the approved EMPr. In addition, no stockpiles must be mixed with foreign material.                                                                                                                                                                                                                                                     |

| Section<br>5                                                                                                                                                                                                                    | COMPLIANCE WITH EA and EMPr |                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                 | Complied                    | Comments/Observations                                                                                                                                                                     | Action to be taken                                                                                                                                                                                                                                                               |
| Concrete Management                                                                                                                                                                                                             | Partial                     | Concrete building rubble was noted to a small extent within the development site (Image 15).                                                                                              | The concrete rubble must be removed from the ground and disposed of at an appropriate registered facility.                                                                                                                                                                       |
| <b><u>GENERAL</u></b><br>Environmental Awareness Training                                                                                                                                                                       | Yes                         | Environmental Awareness Training were undertaken on the 30 July 2019 with 12 labourers in attendance and on the 28 <sup>th</sup> November 2019 with 35 labourers in attendance.           | Additional Environmental Awareness Training will be undertaken as required on site.                                                                                                                                                                                              |
| Erosion Control and Stormwater Management                                                                                                                                                                                       | No                          | Erosion was noted on site to a small extent (Image 16).                                                                                                                                   | The erosion gullies must be rehabilitated and further erosion must be mitigated. Silt fences/traps must be installed to trap sediment.                                                                                                                                           |
| Rehabilitation                                                                                                                                                                                                                  | Yes                         | As noted during the site inspection, the contractor was rehabilitating the disturbed areas with indigenous vegetation harvested from within the development footprint (Images 17 and 18). | Final rehabilitation and landscaping must be undertaken once construction activities have concluded on site. Completed areas must be rehabilitated as soon as practically possible by implementing the rehabilitation mitigation measures as specified within the approved EMPr. |
| Search and Rescue                                                                                                                                                                                                               | No                          | No search and rescue were undertaken before clearing activities.                                                                                                                          | Search and Rescue should have been undertaken by a qualified ecologist and botanist.                                                                                                                                                                                             |
| Written notice to DEADP                                                                                                                                                                                                         | Partial                     | One week's notice was given to Department of Environmental Affairs after construction already commenced on site.                                                                          | The one week's notice was sent to DEADP on the 26 July 2019.                                                                                                                                                                                                                     |
| The mitigation/rehabilitation measures and recommendations as detailed in the Environmental Impact Report dated 5 September 2008 compiled by Sharples Environmental Services, must be adopted and implemented                   | Partially                   | The contractor has complied partially with measures and recommendations of the Environmental Impact report.                                                                               | The contractor is responsible for full compliance with the Environmental Impact Report.                                                                                                                                                                                          |
| With reference to layout plan no. HB/C/204/9 dated February 2009, the following erven must be removed from the proposed development: 1019 to 1053 and the two parking areas for 50 and 70 cars, These are to be included in the | Uncertain                   | Confirmation needs to be obtained from the applicant.                                                                                                                                     | No confirmation have been received by the applicant.                                                                                                                                                                                                                             |

| Section<br>5                                                                                                                                                                                                                                                                                                                                                                                                                                                             | COMPLIANCE WITH EA and EMPr |                                                                  |                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------------------------------|------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Complied                    | Comments/Observations                                            | Action to be taken                 |
| <p>open space network.<br/>An amended layout plan depicting these changes must be submitted to the Department for approval prior to commencement of construction activities.</p>                                                                                                                                                                                                                                                                                         |                             |                                                                  |                                    |
| <p>Only single storey dwellings (6m height restriction from natural ground level) must be constructed on the following erven indicated on layout plan NB/C/204/9 dated February 2009:<br/>1 &amp; 2; 84 to 107; 523 to 544; 880 to 887; 1054 to 1087; 1287 to 1290; 1009 to 1018; 1253 to 1269; 1245 to 1247; 1284 to 1300; 1226 to 1228; 545 to 611; 656 to 681; 643 to 655 and 548 to 567.</p>                                                                         | N/A                         | Only services are being constructed at this stage                | No action required.                |
| <p>A fire break or buffer of at least 10m must be maintained between erf boundaries and the existing edge of the natural vegetation. All buildings must be set back at least 10m from the edge of the natural vegetation. This 10m buffer must not be bulldozed but the grass in this area must be regularly cut. A 20m buffer must be provided for all erven located closest to the N2 Highway. This buffer may also serve as an access for fire fighting vehicles.</p> | N/A at this stage           | The condition will be brought to the attention of the developer. | No feedback has been received yet. |
| <p>The following Resource Conservation Measures must be implemented:</p> <ul style="list-style-type: none"> <li>Rainwater from roofs must be collected and stored in rainwater tanks. No taps linked to piped, potable water may be installed outside buildings. Any</li> </ul>                                                                                                                                                                                          | N/A                         | No housing units have been constructed yet.                      | No action required.                |

| Section<br>5                                                                                                                                                                                                                                                                                                                                    | COMPLIANCE WITH EA and EMPr |                                                                                                                                                                                 |                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                 | Complied                    | Comments/Observations                                                                                                                                                           | Action to be taken                                                                                                              |
| <p>water used in gardens or outside buildings must only be collected rainwater.</p> <ul style="list-style-type: none"> <li>• All buildings must be fitted with water saving devices such as low flow showerheads and double flush toilets.</li> <li>• All residential dwellings must be fitted with and use solar hot water systems.</li> </ul> |                             |                                                                                                                                                                                 |                                                                                                                                 |
| Chapter 12 of the Operational Management Plan have been expanded as per the approved EA                                                                                                                                                                                                                                                         | Yes                         | The requested inclusions are contained within the operational Management Plan.                                                                                                  | No action required.                                                                                                             |
| Establishment of Environmental Liaison committee                                                                                                                                                                                                                                                                                                | Partial                     | A newspaper advert was placed in a local paper to invite the members, however no requests to join were received.                                                                | Compliance was still undertaken as necessary.                                                                                   |
| Discovery and Protection of Heritage resources                                                                                                                                                                                                                                                                                                  | No                          | No permits were obtained from Heritage Western Cape as stipulated in the Impact Report by MAPCARM cc dated 28 September 2005.                                                   | No archaeological remains were to be found according to our knowledge. Permits can still be obtained from Heritage Western Cape |
| Recommended Alternative                                                                                                                                                                                                                                                                                                                         | Yes                         | The recommended alternative was approved by the Department of Environmental Affairs and Development Planning.                                                                   | No action required.                                                                                                             |
| Nature area                                                                                                                                                                                                                                                                                                                                     | Yes                         | No new roads were noted within the nature area.                                                                                                                                 | Not applicable at this stage.                                                                                                   |
| Fire Management Programme                                                                                                                                                                                                                                                                                                                       | Yes                         | A Fire Management Programme has been developed however it has not been approved by CapeNature or the local and District Fire Chiefs.                                            | This is in process.                                                                                                             |
| CapeNature's Stewardship Programme                                                                                                                                                                                                                                                                                                              | No                          | The applicant must approach CapeNature with a request to enter into some form of agreement or contract in terms of CapeNature's Stewardship programme.                          | As to our knowledge no form of agreement has yet been undertaken with CapeNature so far.                                        |
| Invasive Alien Vegetation                                                                                                                                                                                                                                                                                                                       | N/A                         | Initial clearing of all alien invasive vegetation must take place within 24 months after commencement of construction activities. Follow up clearing of invasive plants must be | The developer has 2 years to comply with this condition.                                                                        |

| Section<br>5                                                                                                                             | COMPLIANCE WITH EA and EMPr |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
|                                                                                                                                          | Complied                    | Comments/Observations                                                                                                                                                                                                                                                                                                                                                                                                                     | Action to be taken                                                            |
|                                                                                                                                          |                             | done annually.                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                               |
| Stormwater Management Plan                                                                                                               | Uncertain                   | A stormwater management plan must be prepared and approved by the Mossel Bay Municipality. Hard surfaces must be limited or reduced where possible. Measures must be implemented to slow down the flow of storm water, dissipating energy and increased infiltration of storm water and replenishing groundwater. Storm water may not be allowed to run down steep slopes on the north – eastern boundary towards the Klein – Brak River. | This can be complied with if it hasn't been already.                          |
| No buildings are allowed on slopes of 1:4 and steeper.                                                                                   | N/A                         | No buildings have been yet been constructed.                                                                                                                                                                                                                                                                                                                                                                                              | No action required.                                                           |
| Protected trees                                                                                                                          | Uncertain                   | Permits must be obtained from the Department of Water Affairs and Forestry before any forest may be disturbed, pruned or damaged in a way.                                                                                                                                                                                                                                                                                                | This can still be complied with if no such protected trees have been damaged. |
| Indigenous Hedgerows                                                                                                                     | No/partial                  | Some of the natural hedgerows were cleared.                                                                                                                                                                                                                                                                                                                                                                                               | Indigenous hedgerows should be retained.                                      |
| Guidelines contained in the Economic Impact Assessment by Urban – Econ must be implemented. Preference must be given to the local labour | Uncertain                   | The applicant must provide ample opportunity for training and skills transfer.                                                                                                                                                                                                                                                                                                                                                            | The applicant to comment in this regard.                                      |
| Bulk earthworks and excavations must be monitored by a professional archaeologist                                                        | No                          | No bulk earthworks and excavations were monitored by a professional archaeologist.                                                                                                                                                                                                                                                                                                                                                        | No heritage remains were found as to our knowledge.                           |
| Environmental Control Officer                                                                                                            | Yes                         | An environmental control officer was appointed by the applicant.                                                                                                                                                                                                                                                                                                                                                                          | SES have been appointed as the Environmental Control Officer on site.         |
| The Construction Phase Environmental Management Plan for the proposed development dated March 2008 and the                               | Partial                     | The contractor is complying partially with the approved EMPr. A copy of the EMPr (Including operational management plan) and EA were delivered to site by the ECO on 22 <sup>nd</sup> July 2019.                                                                                                                                                                                                                                          | The contractor is responsible for full compliance with the approved EMPr.     |

| Section<br>5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | COMPLIANCE WITH EA and EMPr |                                                                                                           |                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Complied                    | Comments/Observations                                                                                     | Action to be taken                                  |
| Operational Phase Environmental Management Plan for the proposed development dated June 2008 by Sharples Environmental Services must be implemented. Any amendments to the environmental management plans must be submitted to the Department for approval.                                                                                                                                                                                                                                                   |                             |                                                                                                           |                                                     |
| <p>All outdoor advertising associated with this activity, whether on or off the property concerned, must comply with the applicable Local Authority By-Law for the control of Outdoor Advertising or in the absence of local legislative controls, must comply with the South African Manual for Outdoor Advertising Control (SAMOAC) available from:</p> <p>The Director: Environmental Impact Management<br/>Department of Environmental Affairs and Tourism<br/>Private Bag X447<br/>Pretoria<br/>0001</p> | Yes                         | No outdoor advertising was noted on site.                                                                 | No action required.                                 |
| The applicant must submit an Environmental Audit Report, to this Department within six months after installation of the services of each phase has been completed.                                                                                                                                                                                                                                                                                                                                            | N/A                         | Compliance only required 6 months of completing the service.                                              | No action required.                                 |
| The owner and/or developer must notify this Department and any other relevant authority, in writing, within 24 hours thereof if any condition of this authorization is not adhered to.                                                                                                                                                                                                                                                                                                                        | No                          | It is uncertain that the developer is aware of this condition. No such notification has been sent to SES. | No feedback has yet been received by the applicant. |

| Section                                                                                                                                                                                                                                                                                      | COMPLIANCE WITH EA and EMPr |                                                 |                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------------------------|---------------------|
| 5                                                                                                                                                                                                                                                                                            |                             |                                                 |                     |
|                                                                                                                                                                                                                                                                                              | Complied                    | Comments/Observations                           | Action to be taken  |
| A property Owners Association must be established to which all property owners on Hartenbos Landgoed must belong. Each member of the POA must sign acceptance of the POA management plan/rules and regulations and operational phase Environmental Management Plan which they will abide to. | N/A                         | No residential units have yet been constructed. | No action required. |



**Images 7 to 11: The branches must be removed from the ground and disposed of at an appropriate registered facility**



**Image 12: The plastic litter must be removed from the ground and disposed of at an appropriate registered facility**



**Images 13 & 14: The stockpiles must be demarcated for the duration of the project**



**Image 15: The concrete rubble must be removed from the ground and disposed of at an appropriate registered facility**



**Image 16: The erosion gullies must be rehabilitated on site and further erosion must be mitigated**



**Images 17 & 18: The disturbed areas within the development site was rehabilitated with indigenous vegetation**

| Section |                   |
|---------|-------------------|
| 7       | <b>Conclusion</b> |

SES has compiled this Environmental Monitoring Report to detail compliance with the EMPr and EA for the visit conducted on the 10<sup>th</sup> December 2019. No integrated waste management approach has been adopted on site. Erosion gullies must be rehabilitated on site and further erosion must be mitigated. The branches and building rubble must be removed from site and disposed of at an appropriate registered facility. In addition, no permits have been obtained from the relevant authorities.

To conclude, the contractor has complied partially with the approved EMPr and EA, in this regard, we advise the contractor/applicant to address the non – compliance as soon as practically possible and engage with ECO if anything is unclear with regards to the EMPr and EA.