

# PROPOSED UPGRADING OF PROTEA ROAD, PAARL.

EXTERNAL ENVIRONMENTAL **CLOSURE** AUDIT REPORT  
IN TERMS OF REGULATION 34 OF THE NEMA EIA  
REGULATIONS, 2014 (AS AMENDED).

DEA&DP EIA REF. NO. 16/3/3/1/B3/28/1089/19  
NEAS REF. NO. WCP/EIA/0000716/2019



**Prepared for:**  
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**Works**

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KAPPEC

13 May 2026

## DETAILS OF THIS REPORT

|                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status of this Report                                                                                                                                                                                                                                                                                                                                          | <b>Final Regulation 34 External Closure Compliance Audit Report</b>                                                                                                                                                                                               |
| Date Submitted                                                                                                                                                                                                                                                                                                                                                 | 13 May 2026                                                                                                                                                                                                                                                       |
| Public Review Period                                                                                                                                                                                                                                                                                                                                           | Not Applicable                                                                                                                                                                                                                                                    |
| Report Title                                                                                                                                                                                                                                                                                                                                                   | Proposed Upgrading of Protea Road, Paarl                                                                                                                                                                                                                          |
| Applicant                                                                                                                                                                                                                                                                                                                                                      | <b>The Head of Department</b><br><b>Department of Transport and Public Works</b><br>Private Bag X9185<br>Cape Town<br>8000<br>Ms. Melanie Hofmeyr<br>(021) 483 5713<br><a href="mailto:melanie.hofmeyr@westerncape.gov.za">melanie.hofmeyr@westerncape.gov.za</a> |
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| <br>The logo for KAPP Environmental Consultants features a stylized green leaf and blue circular elements to the left of the word 'KAPP' in large, bold, dark grey letters. Below 'KAPP' is the text 'ENVIRONMENTAL CONSULTANTS' in a smaller, dark grey, sans-serif font. |                                                                                                                                                                                                                                                                   |

## DISCLAIMER

This report has been prepared for the Department of Transport and Public Works represented by Ms. Melanie Hofmeyr and is subject to and issued in accordance with the agreement with Kapp Environmental Consultant (Pty) Ltd. (KAPPEC).

The opinions expressed in this report have been based on the information supplied to KAPPEC by the Client and the relevant Environmental Assessment Practitioner. The Author has exercised all due care in reviewing the supplied information, but conclusions from the review are reliant on the accuracy and completeness of the supplied data. KAPPEC does not accept responsibility for any errors or omissions in the supplied information and does not accept any consequential liability arising from commercial decisions or actions resulting from them. KAPPEC accepts no liability or responsibility whatsoever for it in respect of any use of or reliance upon this report by any third party.

Opinions presented in this report apply to the site conditions and features as they existed at the time of the writing of this report, and those reasonably foreseeable.

Copying of this report without the permission of the Client and KAPPEC is not permitted.

## LETTER OF UNDERTAKING AND STATEMENT OF INDEPENDENCE

I Renier Kapp, as the appointed independent Environmental Assessment Practitioner (EAP) hereby declare that I:

- Will perform the work relating to the appointment in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- Other than fair remuneration for work performed/to be performed in terms of this application, have no business, financial, personal or other interest in the activity or application and that there are no circumstances that may compromise my objectivity;
- Work performed for this study was done in an objective manner irrespective of how such findings may be favourable or not to the applicant;
- declare that there are no circumstances that may compromise my objectivity in performing such work;
- All facts and findings will be presented in an objective manner in accordance with my professional experience and information derived from the study;
- have expertise in conducting the independent audit, including knowledge of the relevant legislation and any guidelines that have relevance to the development; and
- All particulars furnished in this report are true and correct.



(Renier Kapp)

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### Signature of the Principle Environmental Assessment Practitioner

Kapp Environmental Consultants (Pty) Ltd (KAPPEC)

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### Name of Company

13 May 2026

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### Date

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## ABBREVIATIONS

|              |                                                   |
|--------------|---------------------------------------------------|
| MMP .....    | Maintenance Management Plan                       |
| DEFF .....   | Department of Environment, Forestry and Fisheries |
| DWS .....    | Department of Water Affairs and Sanitation        |
| EA .....     | Environmental Authorization                       |
| EAP .....    | Environmental Assessment Practitioner             |
| ECO .....    | Environmental Control Officer                     |
| EIA .....    | Environmental Impact Assessment                   |
| EMP .....    | Environmental Management Programme                |
| DEO .....    | Designated Environmental Officer                  |
| KAPPEC ..... | Kapp Environmental Consultants                    |
| I&AP .....   | Interested and Affected Parties                   |
| RE .....     | Resident Engineer                                 |

## APPENDICES

|                    |                                             |
|--------------------|---------------------------------------------|
| <b>Appendix A:</b> | Site Photographs                            |
| <b>Appendix B:</b> | Site Layout and Locality Map                |
| <b>Appendix C:</b> | Copy of EA                                  |
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## INTRODUCTION

Kapp Environmental Consultants (Pty) Ltd. (KAPPEC) has been appointed on behalf of the Department of Transport and Public Works (the Applicant) as the independent environmental practitioners to undertake an external compliance closure audit in fulfilment of Condition 15 of the Environmental Authorisation (the EA) and Regulation 34 of the NEMA EIA Regulations, 2014 (as amended).

An Environmental Authorisation (EA) was granted to the Department of Transport and Public Works on June 12, 2020 (DEA&DP EIA Ref: 16/3/3/1/B3/28/1089/19) in terms of the National Environmental Management Act, 1998 (Act 107 Of 1998) and The Environmental Impact Assessment Regulations, 2014 (as amended).

This external audit, conducted in alignment with the National Environmental Management Act (NEMA), is to increase the contractor's compliance rating in terms of the approved Environmental Authorization and the EMP. The body of this report will incorporate the auditable conditions and requirements contained in both the EA and the EMP. The conditions of the EA have been summarized in the report including its corresponding level of compliance with each condition.

The methodology followed for conducting the environmental audit included:

- Compilation of background information for site visit
- Site Visit (1 May 2026)
- Documentation audit
- Compilation of environmental audit report
- Submission of environmental audit report (13 May 2026)

The items have been included in table format and compliance will be indicated based on assigned colour significance as per Table 1 below:

**TABLE 1: COMPLIANCE RATING**

| Colour | Compliance Rating Significance                                                                                                    |
|--------|-----------------------------------------------------------------------------------------------------------------------------------|
| GREY   | A grey item indicates that a compliance rating is not relevant. Item is listed for awareness although will not/cannot be rated.   |
| GREEN  | An item is marked green to indicate complete compliance in line with the EMP.                                                     |
| YELLOW | An item is marked yellow to indicate sufficient compliance although possibly not as prescribed in the EMP.                        |
| ORANGE | An item is marked orange to indicate a non-compliance although the resulting impact is not deemed significant.                    |
| RED    | An item is marked red to indicate a significant or ongoing non-compliance which needs to be addressed as per the EAP instruction. |

## PROJECT DESCRIPTION

### Overview

The proposed project entails upgrading Protea Road (Divisional Road 1098) from a gravel to a tar-surfaced road, along with significant stormwater infrastructure improvements. Protea Road spans approximately 8.779 km, extending from the R44 West to the R304 and traversing primarily the Drakenstein municipal area, with a small section within the Stellenbosch municipal jurisdiction.

This upgrade aims to enhance traffic capacity and safety for the approximately 728 vehicles using this route daily, addressing increased demands due to regional population and vehicular growth.

The upgrade also mitigates challenges posed by limited gravel resources and deteriorating road conditions.

### Stormwater Infrastructure Improvements

The project includes upgrading four culverts within watercourses to improve drainage and minimise erosion. Specific details for each culvert are as follows:

**1. km 1.3112 (Klapmuts River)**

- Retain the existing in-situ culvert structure and clear debris.
- Add a new in-situ culvert adjacent to the existing one to increase flow capacity.
- Connect the outlet to the existing lined open drain.

**2. km 2.312 (Channelled Valley Bottom Wetland)**

- Replace the existing culvert with four 1500mm x 900mm box culverts.
- Construct new inlet and outlet structures with reno-mattresses for erosion control (approx. 13m x 1.5m).
- Install a drop inlet to maintain existing wetland water levels.

**3. km 4.326 (Unchannelled Valley Bottom Wetland)**

- Replace the existing 600mm culvert with a 1200mm x 900mm box culvert.
- Construct new inlet and outlet structures with reno-mattresses for erosion control (approx. 7m x 1.5m).

**4. km 5.102 (Unchannelled Valley Bottom Wetland)**

- Replace the existing 600mm culvert with a new 600mm pipe culvert.
- Construct new inlet and outlet structures with reno-mattresses for erosion control (approx. 6m x 1.5m).

## LISTED ACTIVITIES

| Activity No(s):    | Provide the relevant <b>Activities</b> as set out in <b>Listing Notice 1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Describe the portion of the development to which the applicable listed activity relates.                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Activity 19</b> | <p>The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from —</p> <p>(i) a watercourse;</p> <p>but excluding where such infilling, depositing, dredging, excavation, removal or moving—</p> <p>(a) will occur behind a development setback;</p> <p>(b) is for maintenance purposes undertaken in accordance with a maintenance management plan;</p> <p>(c) falls within the ambit of activity 21 in this Notice, in which case that activity applies;</p> <p>(d) occurs within existing ports or harbours that will not increase the development footprint of the port or harbour; or</p> <p>(e) where such development is related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies.</p>                                                                                                                                                                                                                                                                            | <p><i>Upgrading of the culverts require the infilling or depositing and excavation of more than 10m<sup>3</sup> of material within a watercourse.</i></p>                                                      |
| Activity No(s):    | Provide the relevant <b>Activities</b> as set out in <b>Listing Notice 3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Describe the portion of the development to which the applicable listed activity relates.                                                                                                                       |
| <b>Activity 12</b> | <p>The clearance of an area of 300 square metres or more of indigenous vegetation except where such indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan.</p> <p>i. Western Cape</p> <p>i. Within any critically endangered or endangered ecosystem listed in terms of section 52 of the NEMBA or prior to the publication of such a list, within an area that has been identified as critically endangered in the National Spatial Biodiversity Assessment 2004;</p> <p>ii. Within critical biodiversity areas identified in bioregional plans;</p> <p>iii. Within the littoral active zone or 100 metres inland from the high water mark of the sea or an estuarine functional zone, whichever distance is the greater, excluding where such removal will occur behind the development setback line on erven in urban areas;</p> <p>iv. On land, where, at the time of the coming into effect of this Notice or thereafter such land was zoned open space, conservation or had an equivalent zoning; or</p> <p>v. On land designated for protection or conservation purposes in an Environmental Management</p> | <p><i>Upgrading of Protea Road will result in the clearance of 300 square metres or more of indigenous vegetation within a critically endangered ecosystem listed in terms of section 52 of the NEMBA.</i></p> |

|  |                                                                                                                |  |
|--|----------------------------------------------------------------------------------------------------------------|--|
|  | Framework adopted in the prescribed manner, or a Spatial Development Framework adopted by the MEC or Minister. |  |
|--|----------------------------------------------------------------------------------------------------------------|--|

## **REGULATION 34 EXTERNAL AUDIT REQUIREMENTS**

This section will attempt to detail the content requirements to be included as part of a Regulation 34 Audit Report as outlined in terms of Appendix 7 of Regulation 982 of the 2014 EIA Regulations.

### **Environmental audit report**

The environmental audit report must provide recommendations regarding the need to amend the EMPr, and where applicable, the closure plan.

### **Objective of the environmental audit report**

The objective of the environmental audit report is to

- a) report on –
  - i. the level of compliance with the conditions of the environmental authorisation and the EMPr, and where applicable, the closure plan; and
  - ii. the extent to which the avoidance, management and mitigation measure provided for in the EMPr, and where applicable, the closure plan achieve the objectives and outcomes of the EMPr, and closure plan;
- b) identify and assess any new impacts and risks as a result of undertaking the activity;
- c) evaluate the effectiveness of the EMPr, and where applicable, the closure plan; and
- d) identify shortcomings in the EMPr, and where applicable the closure plan, and
- e) identify the need for any changes to the avoidance, management and mitigation measures provided for in the EMPr, and where applicable, the closure plan.

### **Content of environmental audit reports**

(1) An environmental audit report prepared in terms of these Regulations must contain –

- a) details of the –
  - i. independent person who prepared the environmental audit report; and
  - ii. expertise of the independent person that compiled the environmental audit report;
- b) a declaration that the independent auditor is independent in a for as may be specified by the competent authority;
- c) an indication of the scope of, and purpose for which, the environmental audit report was prepared;
- d) a description of the methodology adopted in preparing the environmental audit report;
- e) an indication of the ability of the EMPr, and where applicable, the closure plan to –
  - i. sufficiently provide for the avoidance, management and mitigation of environmental impacts associated with the undertaking of the activity on an on-going basis;
  - ii. sufficiently provide for the avoidance, management and mitigation of environmental impacts associated with the closure of the facility; and

- iii. ensure compliance with the provisions of environmental authorisation, EMPr, and where applicable, the closure plan;
- f) a description of any assumptions made, and any uncertainties or gaps in knowledge;
- g) a description of any consultation process that was undertaken during the course of carrying out the environmental audit report;
- h) a summary and copies of any comments that were received during any consultation process; and
- i) any other information requested by the competent authority.



FIGURE 1: LOCALITY MAP FOR EA ACTIVITIES



**FIGURE 2: LOCALITY MAP FOR OFFICES, SITE CAMP AND STOCKPILES**

## CONDITIONS OF AUTHORISATION

**TABLE 2: ENVIRONMENTAL AUTHORISATION GENERAL CONDITIONS AND COMPLIANCE**

| No. | EA CONDITIONS                                                                                                                                                                                                                                  | COMPLIANCE FINDING                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | The holder is authorised to undertake the listed activities specified in Section B above in accordance with and restricted to the Preferred Alternative, as described in the BAR dated March 2020 on the site as described in Section C above. | The preferred alternative, as authorised in the BAR (March 2020), was implemented for the section of Protea Road included in this contract, namely from the R302 intersection in the west to the Hercules Pilaar Road intersection in the east (approximately 3.3 km). No works outside of this assessed and authorised extent were undertaken, and no components such as the larger culverts (as per the EA dated 12 June 2020) formed part of this contract. |
| 2.  | The Environmental Authorisation is valid for a period of <b>five years</b> from the date of issue, within which commencement must occur.                                                                                                       | A letter to notify the department of the intended commencement of activities was submitted to the Department on 14 September 2023. The holder commenced construction in March 2024, and the EA was granted on the 12 <sup>th</sup> of June 2020, thus within 5 years.                                                                                                                                                                                          |
| 3.  | The development must be concluded within <b>ten years</b> from the date of commencement of the listed activities.                                                                                                                              | A section of the approved development has now been completed. Construction activities for a section of 3.3km have been concluded, with minor outstanding rehabilitation required. The remainder of the development must be concluded prior to the 12 <sup>th</sup> of June 2030.                                                                                                                                                                               |
| 4.  | The holder shall be responsible for ensuring compliance with the conditions by any person acting on his/her behalf, including an agent, sub-contractor, employee or any person rendering a service to the holder.                              | The holder was responsible for ensuring compliance with the conditions by all appointed contractors, sub-contractors, and personnel throughout the construction phase.                                                                                                                                                                                                                                                                                         |
| 5.  | Any changes to, or deviations from the scope of the alternative described in section B above must be accepted or approved, in                                                                                                                  | No changes or deviations from the approved scope of the project were identified during the construction phase.                                                                                                                                                                                                                                                                                                                                                 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>writing, by the Competent Authority before such changes or deviations may be implemented. In assessing whether to grant such acceptance/approval or not, the Competent Authority may request information in order to evaluate the significance and impacts of such changes or deviations, and it may be necessary for the holder to apply for further authorisation in terms of the applicable legislation.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 6. | <p>Seven calendar days' notice, in writing, must be given to the Competent Authority before commencement of construction activity.</p> <p>6.1 The notice must make clear reference to the site details and EIA Reference number given above.</p> <p>6.2 The notice must also include proof of compliance with the following conditions described herein:<br/>Conditions: 7, 8, 12 and 19.</p>                      | <p>A notification of commencement was sent to DEA&amp;DP on the 14<sup>th</sup> of September 2024 and made clear reference to the site details and EIA Reference, it also included proof/comments of compliance with conditions 7, 8, 12 and 19.</p> <p>Please refer to proof of EA conditions below.</p> <p><b>Condition 7:</b> The EA was issued on the 12<sup>th</sup> of June 2020, and the I&amp;APs were notified of the EA on the 17<sup>th</sup> of June 2020, thus within 5 days from the EA was issued.</p> <p><b>Condition 8:</b> The listed activities have not commenced within 20 days from the date of issue of the EA. The EA was granted on the 12<sup>th</sup> of June 2020 and the construction activities commenced in March 2024.</p> <p><b>Condition 12:</b> Guillaume Nel Environmental Consultants (GNEC) has been appointed as the Environmental Control Officer (ECO) to conduct fortnightly audits on compliance in terms of the EA and the Environmental Management Programme (EMPr).</p> <p><b>Condition 19:</b> A search and rescue were done prior to commencement, and the plant material was stored in GNEC nursery. The plants searched and rescued was used during</p> |

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                    |
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|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | rehabilitation.                                                                                                                                                                                                                    |
| <b>7.</b> | <p>The holder must in writing, within 14 (fourteen) calendar days of the date of this decision–</p> <p>7.1 notify all registered Interested and Affected Parties (“I&amp;APs”) of –</p> <p>7.1.1 the outcome of the application;</p> <p>7.1.2 the reasons for the decision as included in Annexure 3;</p> <p>7.1.3 the date of the decision; and</p> <p>7.1.4 the date when the decision was issued.</p> <p>7.2 draw the attention of all registered I&amp;APs to the fact that an appeal may be lodged against the decision in terms of the National Appeals Regulations, 2014 (as amended) detailed in Section G below;</p> <p>7.3 draw the attention of all registered I&amp;APs to the manner in which they may access the decision;</p> <p>7.4 provide the registered I&amp;APs with:</p> <p>7.4.1 the name of the holder (entity) of this Environmental Authorisation,</p> <p>7.4.2 name of the responsible person for this Environmental Authorisation,</p> <p>7.4.3 postal address of the holder,</p> <p>7.4.4 telephonic and fax details of the holder,</p> <p>7.4.5 e-mail address, if any, of the holder, and</p> <p>7.4.6 contact details (postal and/or physical address, contact number, facsimile and e-mail address) of the decision-maker and all registered I&amp;APs in the event that an appeal is lodged in terms of the 2014 National Appeals Regulations (as amended).</p> | <p>The I&amp;AP Notification letter after the approval of the EA was sent on the 17<sup>th</sup> of June 2020 (5 days after the EA was granted). All of the required information was provided as stipulated in this condition.</p> |
| <b>8.</b> | <p>The listed activities, including site preparation, must not commence within 20 (twenty) calendar days from the date the applicant notified</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>The holder commenced with the approved listed activities in March 2024, 4 years after the letter to notify the registered I&amp;APs</p>                                                                                         |

|     |                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                      |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | the registered I&APs of this decision. In the event that an appeal is lodged with the Appeal Authority, the effect of this Environmental Authorisation is suspended until the appeal is decided i.e. the listed activities, including site preparation, must not commence until the appeal is decided. | of this decision was sent. (The I&APs were notified on the 17 <sup>th</sup> of June 2020, and the letter of commencement for site preparation was sent on the 14 <sup>th</sup> of September 2023.)<br><br>No appeals were lodged against the EA.                                                                                                     |
| 9.  | The draft Environmental Management Programme (“EMPr”) submitted as part of the application for Environmental Authorisation is hereby approved and must be implemented.                                                                                                                                 | The EMPr has largely been implemented throughout the construction phase. At the time of the closure audit, the site is generally compliant; although minor outstanding actions remain, including final site camp clean-up, which includes removal of residual waste and materials, remediation of hydrocarbon spills, and alien vegetation clearing. |
| 10. | The MMP adopted as part of this Environmental Authorisation must be implemented.                                                                                                                                                                                                                       | The MMP formed part of the EMPr and was implemented throughout the project lifecycle as required.                                                                                                                                                                                                                                                    |
| 11. | The EMPr and MMP must be included in all contract documentation for all phases of implementation.                                                                                                                                                                                                      | The EMPr and MMP were included in the contract documentation and maintained within the environmental file on site.                                                                                                                                                                                                                                   |
| 12. | The holder must appoint a suitably experienced environmental control officer (“ECO”) before commencement of any land clearing or construction activity to ensure compliance with the EMPr and the conditions contained herein.                                                                         | Divan Opperman from Guillaume Nel Environmental Consultants was appointed as ECO on the site and submitted monthly reports to DEA&DP.                                                                                                                                                                                                                |
| 13. | A copy of the Environmental Authorisation, EMPr, MMP, audit reports and compliance monitoring reports must be kept at the site of the authorised activities, and must be made available to anyone on request, including a publicly accessible website.                                                 | A copy of the EA, MMP, EMPr, and audit reports was available on file at the site office throughout the construction phase. With construction now complete, all documentation has been removed from the site.                                                                                                                                         |
| 14. | Access to the site referred to in Section C must be granted, and the environmental reports mentioned above must be produced, to any authorised official representing the Competent Authority who requests to see it for the purposes of assessing and/or monitoring                                    | Access to the site was available during the construction phase.                                                                                                                                                                                                                                                                                      |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | compliance with the conditions contained herein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 15. | <p>In terms of Regulation 34 of the NEMA EIA Regulations, 2014 (as amended), the holder must conduct environmental audits to determine compliance with the conditions of the Environmental Authorisation, the EMPr, MMP, and submit Environmental Audit Reports to the Competent Authority. The Environmental Audit Report must be prepared by an <b>independent person</b> (not the ECO appointed in terms of condition 12 above) and must contain all the information required in Appendix 7 of the NEMA EIA Regulations, 2014 (as amended).</p> <p>The holder must undertake an environmental audit every year for the duration of the construction phase and submit Environmental Audit Reports annually to the Competent Authority during the construction phase. The final Environmental Audit Report must be submitted to the Competent Authority within three months after operation commenced.</p> <p>The holder must, within 7 days of the submission of each of the above-mentioned reports to the Competent Authority, notify all potential and registered I&amp;APs of the submission and make the report available to anyone on request and on a publicly accessible website (if applicable).</p> | <p>Kappec was appointed on behalf of the Department of Transport and Public Works (the Applicant) as the independent environmental practitioners to undertake an external closure compliance audit in fulfilment of Condition 15 of the Environmental Authorization (the EA) and Regulation 34 of the NEMA EIA Regulations, 2014 (as amended).</p> <p>The first annual construction external audit was submitted on the 05<sup>th</sup> of March 2025.</p> <p>This report serves as the final (closure) Environmental Audit Report following the completion of construction activities.</p> <p>The I&amp;AP's will be notified within 7 calendar days after the submission of the audit report to the Competent Authority.</p> |
| 16. | Should any heritage remains be exposed during excavations or any other actions on the site, these must immediately be reported to the Provincial Heritage Resources Authority of the Western Cape, Heritage Western Cape. Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No heritage remains were exposed during excavations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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|     | <p>approval has been obtained from Heritage Western Cape.</p> <p>Heritage remains include: meteorites, archaeological and/or palaeontological remains (including fossil shells and trace fossils); coins; indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell heaps; stone artifacts and bone remains; structures and other built features with heritage significance; rock art and rock engravings; and/or graves or unmarked human burials including grave goods and/or associated burial material.</p> |                                                                                                                                                                                                                                                                                                                                             |
| 17. | A qualified archaeologist and/or palaeontologist must be contracted where necessary (at the expense of the holder) to remove any heritage remains. Heritage remains can only be disturbed by a suitably qualified heritage specialist working under a directive from the relevant heritage resources authority.                                                                                                                                                                                                                             | No heritage remains were exposed during excavations.                                                                                                                                                                                                                                                                                        |
| 18. | The relevant requirements with respect to occupational health and safety must be adhered to at all times.                                                                                                                                                                                                                                                                                                                                                                                                                                   | Occupational Health and Safety requirements were adhered to throughout the construction phase, with oversight provided by the appointed OHS officer.                                                                                                                                                                                        |
| 19. | A search and rescue exercise must be undertaken for the species identified in the spring survey, as recorded and outlined in the Botanical Statement dated 31 October 2019, compiled by Capensis, before commencement of construction activities.                                                                                                                                                                                                                                                                                           | Search and rescue was carried out prior to commencement, and the plant material was stored within the GNEC nursery. The plants searched and rescued were used during rehabilitation.                                                                                                                                                        |
| 20. | The Rehabilitation Report for Protea Road dated April 2019, compiled by Guillaume Nel Environmental Consultants must be implemented once all construction activities are concluded. The results of the implementation of the rehabilitation measures must be included in the annual independent audits to be conducted in terms of condition 15 above.                                                                                                                                                                                      | Rehabilitation measures have been substantially implemented in accordance with the approved Rehabilitation Plan. Disturbed areas have been reshaped and stabilised, hessian sausages installed on slopes, and vegetation establishment initiated with the planting of vygies. Stockpile areas have been cleared, ripped, and rehabilitated. |

## SITE AUDIT FINDINGS

A closure audit and final site walkthrough were conducted on 1 May 2026 to assess the completed construction works along Protea Road and to verify compliance with the Environmental Authorisation and EMPr requirements. The works associated with this contract, extending from the R302 intersection in the west to the Hercules Pilaar Road intersection in the east, have been completed.

All major infrastructure components have been completed. Stormwater inlet and outlet structures are in good working condition, with no visible defects noted at the time of the audit. All required gabion structures at the inlet and outlet points have been constructed, and the larger gabion retention wall has been completed. Where fencing along the route was damaged or removed, the sections have been reinstated.

Disturbed areas along the road reserve and associated works areas have been shaped and stabilised, with hessian sausages installed along slopes to reduce erosion. Vegetation establishment has commenced, with vygies planted along rehabilitated slopes to promote ground cover and stabilisation. All previously designated stockpile areas have been cleared, with soils ripped and rehabilitated to encourage natural revegetation.

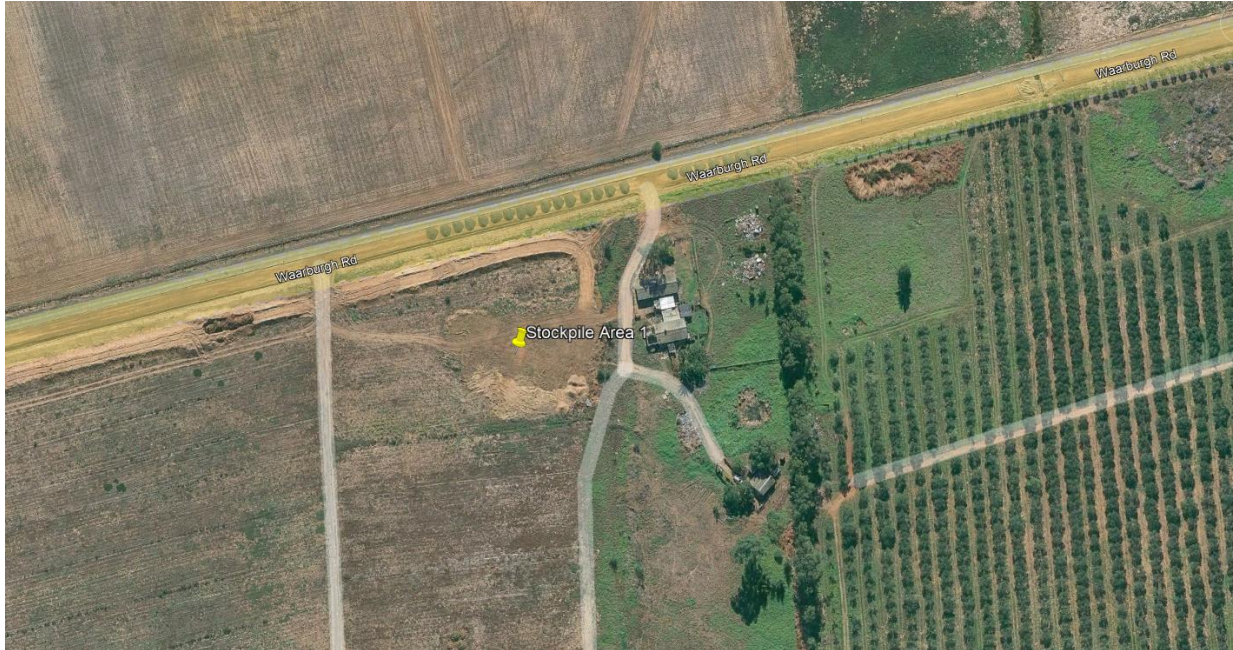
The contractor's site camp must be fully decommissioned, including the removal of the stockpiled material. Residual construction materials and waste remain on site and must be removed. This includes asphalt and bitumen remnants, bitumen containers, tyres, and general construction waste. Any remaining hydrocarbon or fuel spills must be remediated.

During the audit, several alien vegetation species were observed, including Stinkwort (*Dittrichia graveolens*) and Golden Wreath Wattle (*Acacia saligna*). The seasonal weeds are to be expected, although all the wattles should be removed from the road reserve. The invasive vegetation has established along sections of the road reserve, stormwater side drains, and associated infrastructure. All alien vegetation within stormwater side drains and grass block systems must be removed to ensure the continued effective functioning of the drainage infrastructure.

## SITE CAMP AND STOCKPILE AREAS

### Stockpile Area 1

An area previously disturbed along Waarburgh Road west of Protea Road was identified by the ECO for the 1st stockpile area. Topsoil has been stockpiled in this location.



## Stockpile Area 2

An area previously disturbed along Waarburgh Road west of Protea Road was identified by the ECO for the 2nd stockpile area.



## Site Camp

Located adjacent to stockpile area 2 on an area previously disturbed along Waarburgh Road west of Protea Road, was identified by the ECO. *All remaining construction materials, bitumen containers, hydrocarbon-contaminated material, tyres, rubble, workers' waste, cement bags, temporary infrastructure, and litter must be removed from the site and disposed of at an appropriately licensed facility. Any hydrocarbon- or fuel-contaminated areas must be remediated.*





## ENVIRONMENTAL MANAGEMENT PLAN COMPLIANCE

**TABLE 3: ENVIRONMENTAL MANAGEMENT PLAN COMPLIANCE**

| No.       | EMP REQUIREMENT                                                                                                                                                                                                                                                                                                                                                                            | COMPLIANCE FINDING                                                                                                                                                                                                                                                                                          |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1.</b> | <b>Site Demarcation and No-Go/Sensitive Areas</b>                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                             |
| 1.1       | The surveys for the overall project area and construction footprint as approved in the Environmental Authorisation (EA) must be clearly demarcated before the contractors set up their crew camps or begin construction.                                                                                                                                                                   | Construction activities were completed within the Protea Road reserve. Temporary stockpile and site camp areas established outside the road reserve were authorised by the respective landowners on readily disturbed areas and have subsequently been cleared.                                             |
| 1.2       | The watercourses and the applicable setback area should be clearly demarcated with danger tape by an ECO and marked as a no-go area where no construction activities are planned.                                                                                                                                                                                                          | This section of the contract did not include the larger culverts outlined in the EA crossing the larger watercourses. Stormwater-related interventions that formed part of the contract were completed and are now operational.                                                                             |
| 1.3       | These no-go areas (watercourses and the applicable setback area) must be demarcated with fencing/warning tape and signs before any construction activities commence. These areas and the type of fencing/demarcation must be approved by the relevant specialist involved in the EIA process. The EO and ECO must be on site in order to make sure the correct areas are fully demarcated. | This section of the contract did not include the larger culverts outlined in the EA crossing the larger watercourses. Stormwater-related interventions that formed part of the contract were completed and are now operational. No encroachment into sensitive areas was observed during the closure audit. |
| 1.4       | All construction activities must remain within the boundaries of the development area, as demarcated at the start of the construction phase. The construction footprint must be kept to a minimum by constructing boundaries and demarcated around areas not to be disturbed.                                                                                                              | Construction activities were completed within the Protea Road reserve. Temporary stockpile and site camp areas established outside the road reserve were authorised by the respective landowners on readily disturbed areas and have subsequently been cleared.                                             |
| <b>2.</b> | <b>Flora</b>                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                             |
| 2.1       | Species found during the spring botanical survey (conducted by                                                                                                                                                                                                                                                                                                                             | A search and rescue operation was undertaken prior to                                                                                                                                                                                                                                                       |

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|     | Capensis) should be search and rescued and replanted once construction have been completed. This activity is stipulated in the Rehabilitation Plan compiled by GNEC.                                                                                                                                                                                                                                                                                                                                                | commencement of construction activities within the road reserve and associated disturbance areas. Rescued plant material was retained within the GNEC nursery and rehabilitation of the steep slopes have been completed.                                                                                                                                         |
| 2.2 | Plants that are proclaimed as problem plants or noxious weeds must be excluded from the landscaping plan and these must be removed immediately, should they occur on site.                                                                                                                                                                                                                                                                                                                                          | Alien invasive vegetation, including Stinkwort ( <i>Dittrichia graveolens</i> ) and Golden Wreath Wattle ( <i>Acacia saligna</i> ), was observed establishing along sections of the road reserve, side drains, and stormwater infrastructure during the closure audit. Alien vegetation clearing is required as part of the rehabilitation and maintenance phase. |
| 2.3 | No plants/trees may be destroyed prior to notify the ECO about the plan. The ECO is to approve all plants to be removed.                                                                                                                                                                                                                                                                                                                                                                                            | The trimming of the tree line opposite the primary school was undertaken in consultation with the ECO. The trees have all been retained as per the photo pages. No unnecessary vegetation clearing outside of the approved footprint was observed during the closure audit.                                                                                       |
| 2.4 | The contractor must rehabilitate the construction camp and any other disturbed areas once construction activities have terminated. Compacted areas will be ripped and mulched in order to ensure recovery of the natural vegetation cover.                                                                                                                                                                                                                                                                          | Rehabilitation of disturbed areas and the contractor's camp has commenced. Stockpile areas have been cleared, ripped, and rehabilitated. The contractor's camp still requires final decommissioning, removal of remaining waste and materials, and removal of spills.                                                                                             |
| 2.5 | Once construction is complete, rehabilitation of un-built areas must be undertaken in order to restore the aesthetic & ecological value of the area. It is recommended that a qualified landscape architect, qualified botanist, aquatic specialist and the ECO be consulted with regard to the most appropriate rehabilitation vegetation and structures, where agricultural land uses are not proposed. Active re-vegetation must take place with locally indigenous vegetation under the supervision of the ECO. | Rehabilitation of disturbed and unbuilt areas has commenced in accordance with the Rehabilitation Plan. Hessian sausages have been installed along slopes for erosion control, and vygies have been planted to promote vegetation establishment and slope stabilisation.                                                                                          |

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| 2.6       | No open fires shall be allowed on site under any circumstances, fires will only be permitted in adequate facility within the crew camp, Forest Act, 1984 (Act No. 122 of 1984).                                                                                                                                                                                                                                           | No evidence of fires or burning activities was observed during the construction phase or at the time of the closure audit.                                                                                                                                                                                    |
| 2.7       | Areas supporting intact and semi-intact vegetation should be windrowed in order for the topsoil and vegetation to be replaced once construction activities have concluded.                                                                                                                                                                                                                                                | Topsoil stripped during construction was windrowed and stockpiled where required and has subsequently been utilised during rehabilitation activities along disturbed embankments and work areas.                                                                                                              |
| 2.8       | Rehabilitation of the intact and semi-intact habitat area to take place in accordance with the Rehabilitation Plan compiled by GNEC.                                                                                                                                                                                                                                                                                      | Rehabilitation of disturbed habitat areas has substantially been implemented in accordance with the approved Rehabilitation Plan. Continued monitoring and maintenance of rehabilitated areas remain necessary to ensure successful vegetation establishment.                                                 |
| 2.9       | Any other problem plants must be included in an alien management programme for the site. <b>Eradication must occur every 6 months.</b>                                                                                                                                                                                                                                                                                    | Alien invasive vegetation management remains ongoing. Stinkwort ( <i>Dittrichia graveolens</i> ) and Golden Wreath Wattle ( <i>Acacia saligna</i> ) were identified within sections of the road reserve and stormwater side drains and must continue to be removed as part of the alien management programme. |
| <b>3.</b> | <b>Stockpiles</b>                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                               |
| 3.1       | All stockpiled material must be easily accessible on site without any environmental damage of the surrounding properties.                                                                                                                                                                                                                                                                                                 | Temporary stockpile areas utilised during construction have been cleared and rehabilitated. No significant environmental damage associated with stockpile access or placement was observed during the closure audit.                                                                                          |
| 3.2       | All temporarily stockpiled material must be stockpiled in such a way that the spread of materials is minimised. In the case of strong wind and/or rain all stockpiled material must be covered with a tarpaulin in order to prevent erosion. All exposed soils must be protected for the duration of the construction phase with a suitable geotextile (e.g. Geojute or hessian sheeting) in order to prevent erosion and | Construction-related temporary stockpiled material was placed along the works areas where it was intended to be utilized. No sedimentation or erosion was identified by the ECO nor the external auditor.                                                                                                     |

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|           | sedimentation of the watercourses in close proximity to these stockpiles.                                                                                            |                                                                                                                                                                                                                                    |
| 3.3       | The stockpiles may only be placed within the demarcated areas, outside of delineated watercourses, the location of which must be approved by the RE, EO or ECO.      | Stockpile areas have subsequently been removed and the areas rehabilitated.                                                                                                                                                        |
| 3.4       | Stockpiles may not exceed 2 metres in height and their footprint should be kept to a minimum.                                                                        | Stockpile areas have subsequently been removed and the areas rehabilitated.                                                                                                                                                        |
| 3.5       | Stockpiles must be established outside of the delineated watercourses and the applicable setback zone in consultation with the appropriate authority.                | Stockpile areas were appropriately located outside of watercourses and applicable setback zones during construction and have since been rehabilitated.                                                                             |
| <b>4.</b> | <b>Topsoil Management</b>                                                                                                                                            |                                                                                                                                                                                                                                    |
| 4.1       | All topsoil must be removed prior to the commencement of any development activities. Topsoil must be stockpiled. Stockpiled topsoil must be regarded as no-go areas. | Topsoil was stripped and stockpiled during construction activities and has subsequently been reused during rehabilitation and reinstatement activities.                                                                            |
| 4.2       | Topsoil must be windrowed adjacent to the area where maintenance is required. As such, topsoil should, as far as possible, not be stored in stockpiles.              | Where feasible, topsoil was windrowed adjacent to work areas. Due to space constraints, temporary stockpiling was also utilised during construction. Topsoil has subsequently been redistributed during rehabilitation activities. |
| 4.3       | Windrowed topsoil must be regarded as no-go areas.                                                                                                                   | Windrowed topsoil areas were treated as no-go areas during construction, and no disturbance was observed at the time of the closure audit.                                                                                         |
| 4.4       | Windrowed topsoil must be monitored for invasive exotic vegetation growth. Contractors must remediate as and when required in consultation with the EO, RE and ECO.  | Alien vegetation was not observed on rehabilitated topsoil stockpile areas; however, alien invasive vegetation has established along sections of the road reserve and stormwater infrastructure and requires ongoing management.   |
| 4.5       | No plant, workforce or any construction related activities may be allowed onto the windrowed topsoil.                                                                | Windrowed topsoil areas were treated as no-go areas during construction, and no disturbance was observed at the time of the                                                                                                        |

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|           |                                                                                                                                                                                                                                                                                                                                                                                                                                             | closure audit.                                                                                                                                                                                                                                                    |
| 4.6       | All topsoil must be replaced during the rehabilitation phase to ensure the re-establishment of natural vegetation.                                                                                                                                                                                                                                                                                                                          | Stockpiled topsoil has been reinstated within rehabilitated areas to facilitate revegetation and slope stabilisation.                                                                                                                                             |
| 4.7       | Handling of the topsoil should be minimised and should therefore only be handled before construction (to be windrowed) and after construction (topsoil to be replaced).                                                                                                                                                                                                                                                                     | Topsoil handling was minimised as far as practicable throughout the construction phase, with material reused during final rehabilitation works.                                                                                                                   |
| <b>5.</b> | <b>Oil and Chemicals</b>                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
| 5.1       | These substances must be confined to specific and secured areas within the contractor's camp, and in a way that does not pose a danger of pollution even during times of high rainfall.                                                                                                                                                                                                                                                     | Oils, chemicals, and bitumin products were stored within designated areas during construction. Residual hydrocarbon spills and remaining bitumen containers within the contractor's camp must be removed and remediated as part of final site closure activities. |
| 5.2       | Drip trays (minimum of 10cm deep) must be placed under all machinery and vehicles. The surface area of the drip trays will be dependent on the vehicle and must be large enough to catch any hydrocarbons that may leak from the vehicle while standing. The depth of the drip tray must be determined considering the total amount / volume of oil in the vehicle. The drip tray must be able to contain the volume of oil in the vehicle. | Hydrocarbon storage and handling were managed in bundled and controlled areas during construction. No significant spills were recorded, and the remaining hydrocarbon-related materials identified during closure require removal and remediation.                |
| 5.3       | Any spills larger than 100l should be reported to all local authorities. Spill kits must be available on site and in all vehicles that transport hydrocarbons for dispensing to other vehicles on the construction site. Spill kits must be made up of material/product that is in line with environmental best practice (sunsorb is a recommended product that is environmentally friendly).                                               | Spill kits were available during the construction phase. Minor hydrocarbon spill areas identified during the closure audit must be remediated.                                                                                                                    |
| 5.4       | All spilled hazardous substances must be contained in impermeable containers for removal to a General & Hazardous Waste Landfill site, (this includes contaminated soils, and drenched                                                                                                                                                                                                                                                      | Minor hydrocarbon spill areas identified during the closure audit must be remediated and disposed of at an appropriately licensed facility as part of the final clean-up process.                                                                                 |

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|     | spill kit material).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                  |
| 5.5 | Vehicles to be serviced at the contractor laydown area and all refuelling to take place outside of the watercourses and the applicable variable buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Vehicle servicing and refuelling activities were undertaken within the site camp.                                                                                                                                                                |
| 6.  | <b>Method Statements</b><br>The ECO will evaluate the method statement and ensure that it covers the handling of the following aspects: <ul style="list-style-type: none"> <li>• Emergency spills procedures for the contamination of soils from spills and fire.</li> <li>• Handling &amp; storage of oils and chemicals.</li> <li>• Cement and concrete batching, which includes the storage, washing &amp; disposal of cement, packaging, tools and plant.</li> <li>• Diesel tanks and refuelling procedures.</li> <li>• Crew camps and construction laydown areas.</li> <li>• Workshop maintenance and cleaning of plant.</li> </ul> | All method statements were implemented during the construction phase and were available on-site for monitoring and compliance verification throughout the project.                                                                               |
| 7.  | <b>Cement</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                  |
| 7.1 | It is suggested that ready-mix cement be used as far as possible to minimize the possible impact on the surrounding environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Pre-cast structures were primarily utilised during construction activities. Limited and localized concrete mixing was done on mortar boards relating to the installation of side drains. No contamination was observed during the closure audit. |
| 7.2 | No contaminated water-runoff from any in-situ concrete works may be allowed. Waste concrete may not be dumped in or surrounding the watercourses and must be taken off site.                                                                                                                                                                                                                                                                                                                                                                                                                                                             | No cement-contaminated runoff or dumping of waste concrete within drainage areas or surrounding environments was observed during the closure audit.                                                                                              |
| 7.3 | Concrete spilled outside of the demarcated area must be promptly removed and taken to a suitably licensed waste disposal facility.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | No concrete spills were observed during the closure audit. Concrete residues identified during previous audits were removed by the contractor.                                                                                                   |
| 7.4 | The mixing of concrete shall only be done at selected sites on                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No significant concrete contamination was observed during the                                                                                                                                                                                    |

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|           | mortar boards or similar structures to contain run-off into natural vegetation, soils and streams.                                                                                                                                                | closure audit.                                                                                                                    |
| 7.5       | All empty containers must be stored in a dedicated area and later removed from the site for appropriate disposal at a Licensed Landfill site. All empty cement bags are to be picked up immediately to ensure that cement dust is not blown away. | Residual cement bags remaining within the contractor's camp require removal during final clean-up activities.                     |
| 7.6       | Empty cement bags are to be stored in a weather and scavenger proof bin, in order to prevent leaching and groundwater contamination.                                                                                                              | Residual cement bags remaining within the contractor's camp require removal during final clean-up activities.                     |
| 7.7       | The visible remains of concrete, either solid, or from washings, shall be physically removed immediately and disposed of as waste to a Licensed Landfill site.                                                                                    | No significant concrete waste was observed during the closure audit.                                                              |
| 7.8       | Washing of the remains into the ground is unacceptable.                                                                                                                                                                                           | No evidence of concrete washings being discharged directly onto soils or surrounding areas was observed during the closure audit. |
| 7.9       | No mixed concrete may be deposited outside of the designated construction footprint.                                                                                                                                                              | Concrete-related activities remained within the approved construction footprint throughout the construction phase.                |
| 7.10      | A batter/dagga board mixing trays and impermeable sumps should be provided, onto which any mixed concrete can be deposited whilst it awaits placing.                                                                                              | Concrete handling measures were implemented during construction activities to minimise contamination and material loss.           |
| <b>8.</b> | <b>Dangerous and Toxic Materials</b>                                                                                                                                                                                                              |                                                                                                                                   |
| 8.1       | Materials such as fuel, oil, paint, herbicide and insecticides must be sealed and stored in bermed areas or under lock and key, as appropriate, in well-ventilated areas.                                                                         | All dangerous and toxic materials were stored within lockable containers within the site camp.                                    |
| 8.2       | Storage facilities should be bunded, roofed, secure, rain, wind and tamper-proof.                                                                                                                                                                 | All dangerous and toxic materials were stored within lockable containers within the site camp.                                    |
| 8.3       | Storage areas shall display the required safety signs depicting "no smoking", "No Naked lights" and "Danger" containers shall be                                                                                                                  | Required safety signage was displayed at hazardous material storage and refuelling areas throughout the construction phase.       |

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|            | clearly marked to indicate contents as well as safety requirements.                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                               |
| 8.4        | Sufficient care must be taken when handling these materials to prevent pollution. Training on the handling of dangerous and toxic materials must be conducted for all staff prior to the commencement of construction. In the case of pollution of any surface or groundwater, the Regional Representative of the Department of Water and Sanitation (DWS) must be informed immediately. | Environmental and safety inductions regarding the handling of dangerous and toxic materials were provided to staff throughout the construction phase. No significant pollution incidents requiring notification to authorities were reported. |
| <b>9.</b>  | <b>Bulk Storage of Fuels and Oils</b>                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                               |
| 9.1        | Bulk fuel storage tanks on the site shall be on an impervious surface that is bunded and able to contain at least 110% of the volume of the tanks.                                                                                                                                                                                                                                       | No bulk fuel storage tanks were present on-site during the closure audit.                                                                                                                                                                     |
| 9.2        | Bulk fuel storage tanks shall be located in a portion of the construction camp where they do not pose a high risk in terms of water pollution.                                                                                                                                                                                                                                           | No bulk fuel storage tanks were utilised on-site during the latter stages of construction or at the time of the closure audit.                                                                                                                |
| 9.3        | Bulk fuel storage tanks shall be placed so that they are out of the way of traffic, so that the risk of the tanks being ruptured or damaged by vehicles is minimised.                                                                                                                                                                                                                    | No bulk fuel storage tanks were present on-site during the closure audit.                                                                                                                                                                     |
| 9.4        | Bulk fuel storage should be covered during the rainy season.                                                                                                                                                                                                                                                                                                                             | No bulk fuel storage tanks were present on-site during the closure audit.                                                                                                                                                                     |
| <b>10.</b> | <b>Use of Dangerous and Toxic Materials</b>                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                               |
| 10.1       | The contractor shall keep the necessary materials and equipment on-site to deal with spills/fires of the materials present should they occur.                                                                                                                                                                                                                                            | Firefighting and spill response equipment were available and during the construction phase, and no significant incidents were recorded.                                                                                                       |
| 10.2       | The contractor shall set up a procedure for dealing with spills/fires, which will include notifying the ECO and the relevant authorities prior to commencing construction. These procedures must be developed in consultation and approval by the appointed EO. All                                                                                                                      | Spill response and emergency procedures were implemented throughout the construction phase. No significant spills or fire incidents were recorded during construction activities.                                                             |

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|            | staff should receive some form of fire training.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                               |
| 10.3       | Fire buckets and hoses shall be in good working order and easily accessible on site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Firefighting equipment remained available and accessible throughout the construction phase.                                                                                                                   |
| <b>11.</b> | <b>Contractors Camp Site and Crew Camps</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                               |
| 11.1       | The Contractor shall, in conjunction with the EO, designate the restricted eating area for eating during normal working hours. Two refuse bins with lids must be provided and cleaned on a daily basis. The bins are to be secure, wind, weather and scavenger proof. Designated areas for smoking must be provided.                                                                                                                                                                                                                                                                    | The contractor's camp was in order with the required items in place during construction.                                                                                                                      |
| 11.2       | No fires are to be lit outside of a facility designed to contain fires. The adequacy and positioning of these structures must be determined in consultation with the EO and ECO.                                                                                                                                                                                                                                                                                                                                                                                                        | No evidence of fires was observed during the closure audit.                                                                                                                                                   |
| 11.3       | No animals, domestic or otherwise are allowed on the premises. The feeding, or leaving of food, for stray or other animals in the area is strictly prohibited.                                                                                                                                                                                                                                                                                                                                                                                                                          | No domestic or stray animals were allowed.                                                                                                                                                                    |
| 11.4       | Litter (even if originating outside the camp) and concrete bags etc. must be picked up and put into suitably closed bins. The contractor shall provide labourers to clean up the contractor's camp and construction site on a daily basis. These areas shall then be inspected by the contractor or his/her ESO to ensure compliance with this requirement. Rubble and litter must be removed every two weeks or more often as the need arises and be disposed of at a registered landfill site as designated by the Beaufort West Local Municipality's solid waste removal department. | Remaining rubble, tyres, workers' waste, cement bags, and general litter identified within the contractor's camp area must be removed and disposed of as part of final closure and rehabilitation activities. |
| 11.5       | Accommodation for members of the workforce will not be permitted on site unless authorisation has been given in terms of the Environmental Authorisation issued for the site.                                                                                                                                                                                                                                                                                                                                                                                                           | No worker accommodation facilities remain on-site.                                                                                                                                                            |
| 11.6       | Dedicated wash areas must be situated away from surface water                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | No active wash areas were observed during the closure audit. Any                                                                                                                                              |

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|            | sources.                                                                                                                                                                                                                                                                                              | remaining disturbed areas associated with maintenance activities must form part of the final rehabilitation process.                                                                                                    |
| 11.7       | The contractor's camp shall be monitored for dust fallout and dust suppression applied as required. This may include the laying of gravel; the use of grey water can be considered as an option if the required permits have been acquired.                                                           | No significant dust impacts were observed at the contractor's camp area during the closure audit.                                                                                                                       |
| 11.8       | The contractor's camp, offices and storage facilities shall be located within the site boundaries. If this is not feasible an alternative should be designated in consultation with the ECO.                                                                                                          | The contractor's camp was established on a disturbed farm area as approved by the ECO and the landowner.                                                                                                                |
| 11.9       | The contractor shall provide labourers to clean up the contractor's camp and construction site on a daily basis. These areas shall then be inspected by the contractor or his/her ESO to ensure compliance with this requirement.                                                                     | Final clean-up of the contractor's camp area, including removal of residual waste and construction materials, remains outstanding.                                                                                      |
| 11.10      | The contractor shall be responsible for cleaning the contractor's camp and construction site of all structures, equipment, residual litter and building materials at the end of the construction period and, the topsoil restored in areas where landscaping is to take place.                        | Temporary infrastructure, residual construction materials, hydrocarbon-contaminated areas, and all associated waste within the contractor's camp must be removed, and the disturbed areas rehabilitated and reinstated. |
| <b>12.</b> | <b>Ablution Facilities</b>                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                         |
| 12.1       | The contractor will be responsible for providing all sanitary arrangements for his and the sub-contractors team. It is proposed that that <b>one toilet for 15</b> people will be established on site.                                                                                                | No ablution facilities have remained on-site.                                                                                                                                                                           |
| 12.2       | Sanitary arrangements shall be to the satisfaction of the ECO and the local authority. The contractor shall keep the toilets in a clean, neat and hygienic condition. The contractor shall supply toilet paper at all toilets at all times. Toilet paper dispensers shall be provided in all toilets. | No ablution facilities have remained on-site.                                                                                                                                                                           |
| 12.3       | Toilets provided by the contractor must be easily accessible and a                                                                                                                                                                                                                                    | No ablution facilities have remained on-site.                                                                                                                                                                           |

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|            | maximum of 150m from the works area to ensure they are utilised. All toilets will be located within the contractor's camp. Should toilets be needed elsewhere, their location must first be approved by the ER, ECO.                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                  |
| 12.4       | Toilets out on site must be secured to the ground and have a sufficient locking mechanism operational at all times.                                                                                                                                                                                                                                                                                                                                                                                                     | No ablution facilities have remained on-site.                                                                                                                                    |
| <b>13.</b> | <b>Dust</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                  |
| 13.1       | Potable water may not be used as a means of dust suppression, alternative measures must be sourced. The use of 'grey' water must be investigated as an alternative. The contractor will be responsible to source this water and obtain the required approvals. Dust mitigation measures to include the use of chemical dust suppressants, such as Lignosulphonates; and the use of soil stabilisers such as straw for large open ground areas.                                                                          | No significant dust was observed during the closure audit. The areas and banks previously generating dust during the construction phase have now been rehabilitated and covered. |
| 13.2       | The construction camp shall be treated with dust suppression during dry and windy conditions to control dust fallout. Dust production must be controlled by regular dust suppression of roads and works area, should the need arise. (NB: Concrete dust is toxic and damages soil properties. Therefore dust suppression to prevent dust spread must not be done where concrete dust has fallen or it will infiltrate into the soil. Concrete bags must not be allowed to blow around the site and spread cement dust.) | No dust was observed during the closure audit.                                                                                                                                   |
| 13.3       | At the end of construction, the site camp must be fully rehabilitated by removing the temporary surface and ripping the area to loosen the soil.                                                                                                                                                                                                                                                                                                                                                                        | The contractor's camp area still requires final ripping, removal of remaining infrastructure and waste, and rehabilitation of disturbed surfaces.                                |
| 13.4       | All vehicles transporting material that can be blown off (e.g. soil, rubble etc.) must be covered with a tarpaulin, and speed limits of 20 km/h must be adhered to.                                                                                                                                                                                                                                                                                                                                                     | No issues relating to uncovered loads or excessive dust generation from transport activities were observed during the closure audit.                                             |

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| <b>14.</b> | <b>Noise</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                             |
| 14.1       | Work hours during the construction phase shall be strictly enforced unless permission is given (07H00 – 18H00). Permission shall not be granted without consultation with the local industries and businesses by the EO. No work to be done on Sundays. The EO must inform the residents of houses and businesses adjacent to the development in writing 24 hours prior to any planned activities that will be unusually noisy or any other activities that could reasonably have an impact on the adjacent sites. These activities could include, but are not limited to use of pneumatic jack-hammers and compressors etc. No noise louder than 70dB from the ambient noise level. | No outstanding noise-related impacts or complaints were identified during the closure audit.                                                                                                                |
| 14.2       | Noise reduction is essential and Contractors shall endeavour to limit unnecessary noise, especially loud talking, shouting or whistling, radios, sirens or hooters, motor revving, etc. The use of silent compressors is a specific requirement. All machinery to be muffled where possible.                                                                                                                                                                                                                                                                                                                                                                                         | No significant residual noise impacts were identified during the closure audit.                                                                                                                             |
| <b>15.</b> | <b>Hydrology</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                             |
| 15.1       | All work must be done during the dry season and consideration has not been given to any temporary water diversions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Stormwater and drainage-related works associated with this section of Protea Road have been completed, and all associated infrastructure was observed to be stable and functional during the closure audit. |
| 15.2       | Limit vehicle / machinery activity within the freshwater resources to what is absolutely essential.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | No unnecessary disturbance within drainage features or stormwater infrastructure areas was observed during the closure audit.                                                                               |
| 15.3       | Excavated materials should not be contaminated, and it should be stored in the minimum surface area.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | No significant contamination associated with excavated material was observed during the closure audit.                                                                                                      |
| 15.4       | Ensure sediment control devices are in place prior to the start of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Stormwater management and erosion control measures                                                                                                                                                          |

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|            | excavation activities.                                                                                                                                                                                                                                                                                                                                                    | implemented during construction remain functional and stable.                                                                                                                                                                                |
| 15.5       | Maintain sediment/erosion control devices to minimise risk of sedimentation of the downstream areas.                                                                                                                                                                                                                                                                      | Sediment and erosion control measures, including gabion structures and slope stabilisation measures, were completed and observed to be in good working condition during the closure audit.                                                   |
| 15.6       | During the installation of the gabions, no personnel may traverse the watercourses unnecessarily.                                                                                                                                                                                                                                                                         | Gabion structures associated with inlet and outlet structures were completed where required and remain stable and functional.                                                                                                                |
| 15.7       | Increased run-off during construction must be managed using berm, storm water retention facility and other suitable structures as required to ensure flow velocities are reduced; this must be done in consultation with the Resident engineer as well as the ECO. The Contractor shall take reasonable measures to control the erosive effects of storm water runoff.    | Stormwater infrastructure, including side drains, inlet and outlet structures, gabions, and the gabion retention wall, was completed and observed to be stable and functional during the closure audit.                                      |
| 15.8       | In the event of pollution caused as a result of construction activities, the contractor, according to section 20 of the National Water Act, 1998 (Act No. 36 of 1998) shall be responsible for all costs incurred by organisations called to assist in pollution control and/or to clean up polluted areas and water courses.                                             | No pollution incidents associated with stormwater infrastructure or drainage features were observed during the closure audit.                                                                                                                |
| 15.9       | The contractor shall ensure that excessive quantities of sand, silt and silt-laden water do not enter the stormwater system.                                                                                                                                                                                                                                              | Stormwater systems and side drains were observed to be operational during the closure audit.                                                                                                                                                 |
| 15.10      | Stabilisation of the banks and side slopes are required, by employing techniques, such as: <ul style="list-style-type: none"> <li>• Resloping of banks to a maximum of a 1:3 slope;</li> <li>• Revegetation of re-profiled slopes;</li> <li>• Temporary stabilisation of slopes using geotextiles; and</li> <li>• Installation of gabions and reno-mattresses.</li> </ul> | Slope stabilisation and erosion control measures, including hessian sausages, revegetation, gabions, and associated rehabilitation measures, have been implemented and were observed to be functioning effectively during the closure audit. |
| <b>16.</b> | <b>Fires</b>                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                              |
| 16.1       | Fire training and equipment to be nearby to put fires out. The                                                                                                                                                                                                                                                                                                            | No fire-related incidents were reported during the project.                                                                                                                                                                                  |

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|            | Contractor shall ensure that there is appropriate fire-fighting equipment available on site at all times.                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                           |
| 16.2       | Fires must be within designated areas and must be in small scale. Absolutely no burning of waste is permitted.                                                                                                                                                                                                                                                                                                                                | No evidence of waste burning or unauthorised fires was observed during the closure audit.                                                                                                                                 |
| 16.3       | Fires will only be allowed in facilities especially constructed for this purpose within fenced Contractor's camps. Wood and/or charcoal are the only fuels permitted to be used for fires. The contractor must provide sufficient wood (fuel) for this purpose.<br>Fires in the designated areas must be small in scale so as to prevent excessive smoke being released into the atmosphere.<br>Heavy smoke may not be released into the air. | No evidence of unauthorised fire activities or excessive smoke impacts was observed during the closure audit.                                                                                                             |
| 16.4       | No felling of trees or wood collection is allowed from private or public property.                                                                                                                                                                                                                                                                                                                                                            | No unauthorised tree felling or wood collection activities were observed during the closure audit.                                                                                                                        |
| 16.5       | The Contractor shall ensure that there is appropriate fire-fighting equipment available on-site at all times.                                                                                                                                                                                                                                                                                                                                 | Appropriate firefighting equipment was available during construction activities as required.                                                                                                                              |
| <b>17.</b> | <b>Erosion and Sedimentation</b>                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                           |
| 17.1       | To reduce the loss of material by erosion, the contractor shall ensure that disturbance on site is kept to a minimum. The disturbance especially includes the movement of heavy vehicles. These areas must be cordoned off so that vehicles or construction personnel cannot gain access to these areas.                                                                                                                                      | No significant erosion impacts were observed during the closure audit, and the newly installed infrastructure will ensure that erosion is less than prior to the upgrades.                                                |
| 17.2       | The contractor shall be responsible for rehabilitating all eroded areas in such a way that the erosion potential is minimised after construction has been completed. These areas are to be filled with mulch or funnels constructed to route the water. All disturbed areas that will not be rehabilitated within the construction phase, must be mulched to encourage vegetation re-growth. Mulch used must be free from alien seed.         | Rehabilitation of disturbed areas has commenced in accordance with the Rehabilitation Plan. Continued maintenance and vegetation establishment remain necessary to ensure long-term stabilisation of rehabilitated areas. |

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| 17.3               | In the case of strong wind and/or rain all stockpile material must be covered with a tarpaulin in order to prevent erosion.                                                                                                                                                                                                                                                                                                                                                                                                                    | Stockpile areas utilised during construction activities have been cleared and rehabilitated, and no significant erosion concerns associated with stockpiled material were observed during the closure audit.             |
| <b>18.</b><br>18.1 | <b>Fauna</b><br>All construction workers must be informed that the intentional killing of any animal is not permitted as faunal species are a benefit to society. Poaching is illegal and it must be a condition of employment that any employee caught poaching will be dismissed. Employees must be trained on how to deal with fauna species as intentional killing will not be tolerated. In the case of a problem animal e.g. a large snake a specialist must be called in to safely relocate the animal if the EO or ECO is not able to. | No evidence of faunal harm, poaching, or disturbance to wildlife was observed or reported during the project.                                                                                                            |
| <b>20.</b><br>20.1 | <b>Visual Impact</b><br>Shade cloth must be utilised to conceal and minimise the visual impact of contractor camps, lay down and storage areas.                                                                                                                                                                                                                                                                                                                                                                                                | The contractor's camp and associated temporary work areas were located within disturbed areas and did not result in significant visual impacts during the project.                                                       |
| 20.2               | Rubble and litter must be removed every two weeks or more often as the need arises and be disposed of at a registered landfill site as designated by the Drakenstein and/or Stellenbosch Municipalities, Solid Waste removal department.                                                                                                                                                                                                                                                                                                       | Remaining rubble, bitumen remnants, tyres, cement bags, and general waste identified within the contractor's camp area must be removed and disposed of at a licensed facility as part of final site clean-up activities. |
| <b>21.</b><br>21.1 | <b>Soil</b><br>Topsoil must be stripped from all areas that are to be utilized during the construction period and where permanent structures and access is required. These areas will include comprising the permanent works, pipeline trenches, stockpiles, access roads, construction camps and lay down areas.                                                                                                                                                                                                                              | Topsoil stripped during construction activities was stockpiled and subsequently reused during rehabilitation and reinstatement of disturbed areas.                                                                       |
| 21.2               | Topsoil must be deemed to be the top layer of soil containing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Topsoil was appropriately managed and reused during                                                                                                                                                                      |

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|      | organic material, nutrients and plant grass seed. For this reason, it is an extremely valuable resource for the rehabilitation and vegetation of disturbed areas. At the beginning of the construction phase, topsoil removed for vegetation clearance must be stripped to a minimum depth of 300 mm and windrowed.                                   | rehabilitation activities to support vegetation re-establishment within disturbed areas.                                                                                                                                |
| 21.3 | All topsoil must be removed and stockpiled on the site. However, the use of topsoil for rehabilitation contaminated by the seed of alien vegetation must not be permitted unless a programme to germinate the seed and eradicate the seedlings is drawn up and approved, or some other mitigatory feature is found. This must be approved by the ECO. | Topsoil stockpiles were utilised during rehabilitation activities, and no significant contamination of rehabilitated areas associated with alien vegetation within stockpiles was observed during the closure audit.    |
| 21.4 | Single handling is recommended. Stockpiles must not be higher than 2m to avoid compaction.                                                                                                                                                                                                                                                            | Topsoil stockpiles identified during previous audits were appropriately managed and reduced where necessary. Stockpile areas have subsequently been rehabilitated.                                                      |
| 21.5 | Dust suppression is necessary for stockpiles older than a month – with either water or a biodegradable chemical binding agent.                                                                                                                                                                                                                        | No significant dust impacts associated with remaining stockpiles were observed during the closure audit.                                                                                                                |
| 21.6 | Backfill will require contouring to ensure that it blends in with the surrounding environment.                                                                                                                                                                                                                                                        | Disturbed and backfilled areas were contoured and rehabilitated following completion of construction activities, and slope stabilisation measures were observed to be functioning effectively during the closure audit. |

## CONCLUSION

Based on the information obtained and the closure audit site visit conducted on 1 May 2026, the applicant has generally complied with the conditions of the Environmental Authorisation and approved EMPr. Road resurfacing and associated stormwater infrastructure works have been completed, and the majority of rehabilitation and reinstatement measures have been implemented. The EMPr is considered to have been adequate and effective in managing and mitigating the environmental impacts associated with the authorised activities.

No specific contradictions between the Environmental Authorisation and EMPr were identified during the closure audit.

No significant non-compliances with the conditions of the Environmental Authorisation were identified during the closure audit. However, final decommissioning and rehabilitation of the contractor's site camp remain outstanding, including the removal of remaining rubble, bitumen containers, hydrocarbon spills, tyres, and general waste. Alien invasive vegetation control within the road reserve and stormwater drainage features also remains outstanding, particularly relating to Stinkwort (*Dittrichia graveolens*) and Golden Wreath Wattle (*Acacia saligna*).

The outcome of this audit has not identified insufficient mitigation of environmental impacts associated with the undertaking of the listed activities, nor has it identified insufficient levels of compliance with the Environmental Authorisation that would necessitate a public participation process in terms of Regulation 34(5) of the NEMA EIA Regulations, 2014 (as amended).

In compliance with regulation 34(6) the holder of the EA must within 7 days of the date of submission of an environmental audit report to the competent authority, notify all potential and registered interested and affected parties of the submission of that report, and make such report immediately available –

- (a) to anyone on request; and
- (b) on a publicly accessible website, where the holder has such a website.

Compiled by:

A handwritten signature in black ink, appearing to be 'Renier Kapp', written over a light blue grid background.

Renier Kapp  
for KAPPEC

## ANNEXURE A – SITE PHOTOGRAPHS



The intersection of Klipheuwel Road (R304) and Protea Road.



At the western end of Protea Road where stormwater culverts are installed adjacent to the road shoulder.



At the western end of Protea Road where stormwater culverts are installed adjacent to the road shoulder



Newly upgraded stormwater culvert.



Installed stormwater side drains.



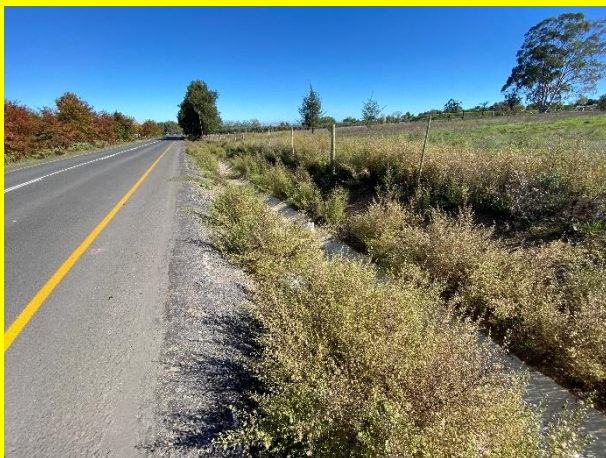
Installed stormwater side drains.



Installed stormwater side drains and inlet structure.



Condition of Protea Road, successfully resurfaced.



Stinkwort (*Dittrichia graveolens*) observed establishing along the road reserve, requiring ongoing management.



Stinkwort (*Dittrichia graveolens*) observed establishing along the road reserve, requiring ongoing management.



Condition of Protea Road, successfully resurfaced.



Stormwater outlet structure successfully installed.



Installed gabion retention wall along the previous cuttings along the Protea Road.



Installed gabion retention wall along the previous cuttings along the Protea Road.



Reinstated fencing along the development route.



Golden Wreath Wattle observed establishing along the road reserve, requiring ongoing management.



Installed stormwater side drains.



Condition of Protea Road, successfully resurfaced.



Gabion mattress installed.



Stormwater outlet structure successfully installed.



Stormwater inlet structure successfully installed.



Stormwater side drains installed along the road reserve.



Stormwater side drains installed along the road reserve as seen towards the west.



Rehabilitation of the road reserve in progress.



English oak trees trimmed along the road reserve towards the west near the Joostenberg Primary School.



Upgraded stormwater inlet structure.



Upgraded stormwater outlet structure with installed gabion mattresses.



Excavated stormwater side drain channels successfully installed with gabion retaining walls.



Recently constructed concrete-lined roadside stormwater drainage channel and slope stabilisation.



Hessian sausage erosion controls installed for roadside slope rehabilitation.



Hessian sausage erosion controls installed for roadside slope rehabilitation.



Revegetation established along rehabilitated roadside embankment slopes.



Revegetation established along rehabilitated roadside embankment slopes.



Hessian sausage erosion controls installed for roadside slope rehabilitation.



Hessian sausage erosion controls installed for roadside slope rehabilitation.



Golden Wreath Wattle observed establishing along the road reserve and stormwater channel.



Golden Wreath Wattle observed establishing along the road reserve and stormwater channel.



Stinkwort (*Dittrichia graveolens*) observed establishing along the road reserve, requiring ongoing management.



Condition of Protea Road, successfully resurfaced eastern end at the start of the contract.



Condition of Protea Road, successfully resurfaced eastern end at the start of the contract.



Condition of Protea Road, successfully resurfaced eastern end at the start of the contract.



Condition of Protea Road, successfully resurfaced eastern end at the start of the contract.