

# PROPOSED DEVELOPMENT OF THE VAALE VALLEY GRAVITY FEED PIPELINES ON REMAINDER FARM 219 VAALE VALLEY AND ERF 5243, HARTENBOS.

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

DEA&DP EIA REF. NO. 16/3/3/5/D6/29/0005/23  
NEAS REF. NO. WCP/EIA/AMEND/0000747/2023



Prepared for:  
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KAPPEC

12 June 2026

## DETAILS OF THIS REPORT

|                                                                                      |                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status of this Report                                                                | <b>Final Regulation 34 External Compliance Audit Report</b>                                                                                                                                                                                |
| Date Submitted                                                                       | June 12, 2026                                                                                                                                                                                                                              |
| Public Review Period                                                                 | Not Applicable                                                                                                                                                                                                                             |
| Report Title                                                                         | Development of the Vaale Valley Gravity Feed Pipelines on Remainder Farm 219 Vaale Valley and Erf 5243, Hartenbos. [The Regional Reservoir and Associated Infrastructure for the Mossel Bay Area on the Farm Vaale Valley 219, Mossel Bay] |
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|  |                                                                                                                                                                                                                                            |

## DISCLAIMER

This report has been prepared for the Mossel Bay Municipality, represented by Mr. Eric Louw 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 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 information supplied 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 Practitioner, 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

12 June 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                            |
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## INTRODUCTION

Kapp Environmental Consultants (Pty) Ltd. (KAPPEC) has been appointed by Mossel Bay Municipality, represented by Mr. Eric Louw (the Applicant) as the independent environmental practitioners to undertake the final external compliance audit in fulfilment of Condition 18 of the Amended Environmental Authorisation and Regulation 34 of the NEMA EIA Regulations, 2014 (as amended).

An Environmental Authorisation (EA) was initially issued on 28 August 2013 (DEA&DP Ref. EG12/2/4/1-D6/27-0014/12) for the development of a regional reservoir and associated infrastructure on Farm Vaale Valley No. 219, Mossel Bay. Subsequently, an Addendum to the Environmental Authorisation was approved on 20 September 2018 (DEA&DP Ref. 16/3/3/5/D6/29/0010/18). Thereafter, a further amendment application was submitted in terms of Part 1 of Chapter 5 of the Environmental Impact Assessment Regulations, 2014 (as amended), which was approved on 07 July 2023 (DEA&DP Ref. 16/3/3/5/D6/29/0005/23).

The amendment was regarded as a non-substantive change to the original Environmental Authorisation, as it did not alter the overall scope or increase the significance of the assessed impacts. The amendment revised the authorised infrastructure description to align with updated engineering designs and legislative requirements, resulting in several originally authorised components, including portions of the reservoir infrastructure, booster pumpstation, rising mains, and the gravity pipeline to the Monte Christo Estate reservoir, no longer requiring environmental authorisation. The amended authorisation therefore retained only the 125 m x 500 mm diameter PVC-O gravity pipeline from the 7 ML reservoir to a T-piece, the 1 980 m x 450 mm diameter PVC-O gravity pipeline to the connection point adjacent to District Road R102, and the associated 6 m wide servitude and maintenance road.

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 Authorisation and the EMPr. 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 summarised 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
- Documentation audit
- Compilation of environmental audit report
- Submission of environmental audit report

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**

| <b>Colour</b> | <b>Compliance Rating Significance</b>                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------|
| GREY (N/A)    | A grey item indicates that a compliance rating is not relevant. Item is listed for awareness although will not/cannot be rated.   |
| GREEN (4)     | An item is marked green to indicate complete compliance in line with the EMP.                                                     |
| YELLOW (3)    | An item is marked yellow to indicate sufficient compliance although possibly not as prescribed in the EMP.                        |
| ORANGE (2)    | An item is marked orange to indicate a non-compliance although the resulting impact is not deemed significant.                    |
| RED (1)       | 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

The project entails the development of potable water supply infrastructure associated with the Regional Reservoir System for the greater Mossel Bay area on Farm Vaale Valley No. 219, Mossel Bay. The development forms part of the Municipal Master Plan for water supply and aims to increase municipal potable water storage capacity to accommodate existing and future water demand within the Mossel Bay area, including the Monte Christo, Hartland, and Outeniquasbosch developments.

The authorised infrastructure comprises a 125 m x 500 mm diameter PVC-O gravity pipeline extending from the existing 7 Mℓ reservoir to a T-piece supplying the Hartland and Outeniquasbosch pipelines separately, as well as a 1 980 m x 450 mm diameter PVC-O gravity pipeline extending from the T-piece to the connection point adjacent to District Road R102, of which approximately 700 m runs parallel to the road reserve. The development further includes a 6 m wide servitude for the installation of the pipelines and an associated maintenance road.

The first phase of the development included the construction of a 7 Mℓ reservoir and associated supporting infrastructure, including the rising main pipeline from the booster pumpstation to the reservoir, which was completed in June 2022. Provision has also been made within the approved development footprint for a future second 7 Mℓ reservoir adjacent to the existing reservoir. The project additionally included a 685 m x 315 mm diameter PVC-O gravity pipeline from the T-piece to the existing 1 Mℓ Monte Christo Reservoir associated with the Outeniquasbosch Development.

The pipeline alignment was amended from the route originally assessed during the Basic Assessment process in order to utilise existing farm tracks and minimise unnecessary disturbance to surrounding agricultural land. In addition, changes to environmental legislation and revised engineering design parameters resulted in several originally authorised infrastructure components no longer requiring environmental authorisation. These included portions of the reservoir infrastructure, the booster pumpstation, sections of the rising main pipeline, and the gravity pipeline linking the reservoir to the Monte Christo Estate reservoir, as these components no longer triggered listed activities under the applicable Environmental Impact Assessment Regulations. The remaining authorised infrastructure therefore relates primarily to the gravity pipeline network extending to the connection point adjacent to District Road R102, together with the associated servitude and maintenance access road.

## LISTED ACTIVITIES

### ***Government Notice No. R544 of 18 June 2010***

#### **Activity Number: 9**

##### Activity Description:

The construction of facilities of infrastructure exceeding 1000 meters in length for the bulk transportation of water, sewage or storm water –

- (i) With an internal diameter of 0,36 meter or
- (ii) With a peak throughput of 120 liters per second or more,

Excluding where:

- a. Such facilities or infrastructure are bulk transportation of water, sewage or storm water or storm water drainage inside a road reserve.

### ***Government Notice No. R546 of 18 June 2010***

#### **Activity Number: 2**

##### Activity Description:

The construction of reservoirs for bulk water supply with a capacity of more than 250 cubic metres.

- (a) In Western Cape
- iii. All areas outside urban areas; .

## **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.



## CONDITIONS OF AUTHORISATION

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

| No. | EA CONDITIONS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | COMPLIANCE FINDING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | <p><i>2018 Amendment</i> [This Environmental Authorisation is valid until 28 August 2023. The holder must undertake at least one of the authorised activities on or before 28 August 2023 or this environmental authorisation lapses, and a new application for environmental authorisation must be submitted to the competent authority. The developments construction phase must be concluded within ten years (10) years from the date on which the first listed activity is commenced.]</p> | <p>Construction of the reservoir and pumpstation infrastructure took place between January/February 2021 and June 2022, during which the 7 Ml reservoir and associated rising main infrastructure were completed. The second phase involved the installation of the gravity-fed pipeline between the reservoir and the Hartland entrance, undertaken between August 2024 and November 2024. A subsequent construction phase focused on the new pumpstation building between July 2025 and May 2026, with all mechanical and civil works completed within this period.</p> <p>The construction phase was concluded on 8 May 2026, which is well within the ten (10) year validity period calculated from commencement in February 2021. Rehabilitation activities commenced in February 2026 and included reshaping of disturbed areas, replacement of topsoil, and removal of construction-related materials. Hydroseeding with a mixed grass seed blend was undertaken in April 2026</p> |
| 2.  | <p>The listed activity, including site preparation, may not commence within 20 (twenty) calendar days of the date of issue of this Environmental Authorisation. In the event that an appeal notice and subsequent appeal is lodged with the competent authority, the effect of this Environmental Authorisation may be suspended until such</p>                                                                                                                                                 | <p>An Environmental Authorisation (EA) was initially issued on 28 August 2013 (DEA&amp;DP Ref. EG12/2/4/1-D6/27-0014/12), with subsequent approval of an Addendum on 20 September 2018 (DEA&amp;DP Ref. 16/3/3/5/D6/29/0010/18) and a further amendment on 07 July 2023 (DEA&amp;DP Ref.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | time as the appeal is decided.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>16/3/3/5/D6/29/0005/23). The listed activity did not commence within 20 calendar days of the original EA issue date, and no early site preparation or construction was undertaken under the 2013 authorisation.</p> <p>Construction activities commenced in February 2021 with the construction of the reservoir component, following the applicable amended authorisation framework.</p>                                                                                                                                                                                                    |
| <b>3.</b> | <p>The applicant must in writing, within 12 (twelve) calendar days of the date of this decision and in accordance with Regulation 10(2)—</p> <p>3.1 notify all registered interested and affected parties of—</p> <p>3.1.1 the outcome of the application;</p> <p>3.1.2 the reasons for the decision as included in Annexure 1;</p> <p>3.1.3 the date of the decision; and</p> <p>3.1.4 the date of issue of the decision;</p> <p>3.2 draw the attention of all registered interested and affected parties to the fact that an appeal may be lodged against the decision in terms of Chapter 7 of the Environmental Impact Assessment Regulations, 2010 detailed in Section F below;</p> <p>3.3 draw the attention of all registered interested and affected parties to the manner in which they may access the decision.</p> | <p>Partial Compliance. The original EA was granted on 28 August 2013 (DEA&amp;DP Ref. EG12/2/4/1-D6/27-0014/12). I&amp;APs were notified on 02 September 2013, 5 days after the original EA was issued. Subsequently, an Amendment was approved on 20 September 2018 (DEA&amp;DP Ref. 16/3/3/5/D6/29/0010/18) and a further amendment on 07 July 2023 (DEA&amp;DP Ref. 16/3/3/5/D6/29/0005/23). I&amp;APs were notified on 10 July 2023 of the final amendment EA. Unfortunately, due to server issues, the records for notifying the I&amp;APs in 2018 could not be obtained from the ECO.</p> |
| <b>4.</b> | <p>The holder of the Environmental Authorisation must give the competent authority written notice of commencement of the construction activities and provide proof of compliance with the following specified conditions of authorisation. The holder must—</p> <p>4.1 within thirty (30) calendar days of the date of issue of this decision give notice, with proof of compliance with conditions 2 and 3 above;</p> <p>4.2 give seven (7) calendar days notice before commencement of</p>                                                                                                                                                                                                                                                                                                                                  | <p>The ECO provided proof of compliance with all the conditions as stipulated in the original 2013 EA and the Amended 2023 EA. A Notification of Commencement was submitted to the DEA&amp;DP</p>                                                                                                                                                                                                                                                                                                                                                                                               |



|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | <p>construction activities. This notice must include proof of compliance with the following conditions described herein, namely: Conditions 7 and 8.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>on 3 September 2020, notifying your department of the intended commencement of the first reservoir and pipeline, subject to the approval of the updated EMP. Another Notification of Commencement was submitted thereafter on 20 March 2024, notifying your department of the intended commencement of the final Vaale Valley Gravity Feed Pipelines project.</p> <p>Construction of the reservoir and pumpstation infrastructure took place between January/February 2021 and June 2022, during which the 7 Ml reservoir and associated rising main infrastructure were completed. The second phase involved the installation of the gravity-fed pipeline between the reservoir and the Hartland entrance, undertaken between August 2024 and November 2024. A subsequent construction phase focused on the new pumpstation building between July 2025 and May 2026, with all mechanical and civil works completed within this period.</p> |
| <p><b>5.</b></p> | <p><i>2023 Amendment</i> [This Environmental Authorisation is for the construction of infrastructure associated with the development of the proposed reservoirs on a portion of the Farm Vaale Valley no. 219, Mossel Bay and will include the following:</p> <p>5.1 The infrastructure technical components include:</p> <ul style="list-style-type: none"> <li>• A 125 m x 500 mm diameter PVC-O gravity pipeline from the 7ML reservoir to a T-piece supplying the Hartland and Outeniquasbosch pipelines separately.</li> <li>• A 1 980 m x 450 mm diameter PVC-O gravity pipeline from the T-piece to the connection point next to District Road R102. The length of the pipeline next to the road is approximately</li> </ul> | <p>Noted. The construction of the authorised infrastructure, including the 125 m x 500 mm diameter PVC-O gravity pipeline, the 1 980 m x 450 mm diameter PVC-O gravity pipeline, and the 6.0 m wide servitude with associated maintenance road, has been completed in accordance with the approved layout plan (Drawing No. 3658.00.00.GZA.05.G003, dated May 2023).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>700 m.</p> <ul style="list-style-type: none"> <li>• A 6,0 m wide servitude for the pipes and maintenance road.</li> </ul> <p>5.2 The proposed infrastructure will be constructed in accordance with the layout plan compiled by Bigen (Drawing number 3658.00.00.GZA.05.G003 dated May 2023) Attached to this Environmental Authorisation as Annexure 2.]</p>                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 6. | <p>Any changes to, or deviations from the scope of the description set out in Condition 5 or Section B above must be accepted or approved, in 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 such information as it deems necessary to evaluate the significance and impacts of such changes or deviations and it may be necessary for the holder to apply for further authorisation in terms of the applicable legislation.</p> | <p>An Environmental Authorisation (EA) was initially issued on 28 August 2013 (DEA&amp;DP Ref. EG12/2/4/1-D6/27-0014/12) for the development of a regional reservoir and associated infrastructure on Farm Vaale Valley No. 219, Mossel Bay. Subsequently, an Addendum to the Environmental Authorisation was approved on 20 September 2018 (DEA&amp;DP Ref. 16/3/3/5/D6/29/0010/18). Thereafter, a further amendment application was submitted in terms of Part 1 of Chapter 5 of the Environmental Impact Assessment Regulations, 2014 (as amended), which was approved on 07 July 2023 (DEA&amp;DP Ref. 16/3/3/5/D6/29/0005/23).</p> <p>The amendment was regarded as a non-substantive change to the original Environmental Authorisation, as it did not alter the overall scope or increase the significance of the assessed impacts. The amendment revised the authorised infrastructure description to align with updated engineering designs and legislative requirements, resulting in several originally authorised components, including portions of the reservoir infrastructure, booster pumpstation, rising mains, and the gravity pipeline to the Monte Christo Estate reservoir, no longer requiring environmental authorisation. The amended</p> |

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|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | authorisation therefore retained only the 125 m x 500 mm diameter PVC-O gravity pipeline from the 7 ML reservoir to a T-piece, the 1 980 m x 450 mm diameter PVC-O gravity pipeline to the connection point adjacent to District Road R102, and the associated 6 m wide servitude and maintenance road.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 7. | <p><b>2023 Amendment</b> [This Environmental Authorisation may only be implemented in accordance with an approved Environmental Management Programme (“EMPr”) relevant to the application. The draft EMPr” submitted as part of the application for Environmental Authorisation must be amended to contain the information prescribed in Appendix 4 of the Environmental Impact Assessment Regulations 2014 and must be submitted to this Department for approval prior to commencement of any activities on the site:</p> <p>7.1. The EMPr must incorporate the following —</p> <p>7.1.1. All the conditions given in this Environmental Authorisation;</p> <p>7.1.2. The ECO must conduct site inspections every two weeks during the construction phase (The frequency may be increased to weekly site inspections).</p> <p>7.1.3. All ECO monitoring reports compiled monthly during the construction phase must be submitted to the competent authority quarterly (every three months), except when there is non-compliance observed, in which case the ECO must bring to the competent authority’s immediate attention by means of a written report.</p> <p>7.1.4. The ECO must conduct site inspections every two weeks during the rehabilitation phase and submit the ECO monitoring reports during this phase monthly.</p> <p>7.1.5. Include the auditing schedule as set out by this Environmental</p> | <p>The EMPr has been updated to incorporate all conditions of the 2023 Amendment Environmental Authorisation, including the incorporation of all EA conditions, ECO monitoring requirements, reporting frequencies, audit schedules, and rehabilitation requirements using appropriate indigenous vegetation species. The competent authority approved the amended Environmental Management Programme (EMPr) on 07 August 2023, as follows:</p> <p><i>By virtue of the powers conferred by the National Environmental Management Act, 1998 (Act No. 107 of 1998) and the Environmental Impact Assessment Regulations, 2014, as amended, the competent authority herewith approves the abovementioned amended Environmental Management Programme (EMPr).</i></p> |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                            |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p>Authorisation.</p> <p>7.1.6. The rehabilitation of disturbed areas with appropriate local indigenous vegetation species, specifically where indigenous vegetation occurred. Agricultural land that is disturbed due to the development activities should also be vegetated with indigenous vegetation species if such areas are not to be utilized for agricultural purposes The EMPr must contain a list of local indigenous vegetation species that will be utilised.</p> <p>Note: Failure to submit the revised EMPr to the Competent Authority at least 90-days prior to the construction activities commencing on site, may result in the competent authority not being able to process / review the revised EMPr prior to the intended date of commencement.”]</p> |                                                                                                                                                                                                                            |
| 8. | <p>The holder must appoint a suitably experienced Environmental Control Officer (“ECO”), or site agent where appropriate, for the construction phase before commencement of any land clearing or construction activities to ensure compliance with the EMP and the conditions contained herein.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>HilLand Environmental has been appointed as of January 2021 as the Environmental Control Officer (ECO) to conduct audits on environmental compliance and subsequently submitted a monthly report to the Department.</p> |
| 9. | <p>A copy of the Environmental Authorisation and the EMP must be kept at the site where the listed activity will be undertaken. Access to the site referred to in Section C above must be granted and the Environmental Authorisation and EMP must be produced to any authorised official representing the competent authority who requests to see it for the purposes of assessing and/or monitoring compliance with the conditions contained herein. The Environmental Authorisation and EMP must also be made available for inspection by any employee or agent of the applicant who works or undertakes</p>                                                                                                                                                             | <p>According to the ECO reports an environmental file containing all the necessary documents was available at the site camp during construction.</p>                                                                       |

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|            | work at the site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>10.</b> | <p>The applicant must submit an application for amendment of the Environmental Authorisation to the competent authority where any detail with respect to the Environmental Authorisation must be amended, added, substituted, corrected, removed or updated. Further, the rights granted by this Environmental Authorisation are personal rights (i.e. not attached to a property, but granted to a natural or juristic person). As such, only the holder may undertake the activity authorised by the competent authority. Permission to transfer the rights and obligations contained herein must be applied for in the following manner:</p> <p>10.1 The applicant must submit an originally signed and dated application for amendment of the Environmental Authorisation to the competent authority stating that he/she wishes the rights and obligations contained herein to be transferred, and including:</p> <ul style="list-style-type: none"> <li>(a) confirmation that the Environmental Authorisation is still in force (i.e. that the validity period has not yet expired or the activity was lawfully commenced with);</li> <li>(b) the contact details of the person who will be the new holder;</li> <li>(c) the reasons for the transfer; and</li> <li>(d) an originally signed letter from the proposed new holder acknowledging the rights and obligations contained in the Environmental Authorisation and indicating that he/she has the ability to implement the mitigation and management measures and to comply with the stipulated conditions.</li> </ul> <p>10.2 The competent authority will issue an amendment to the new holder either by way of a new Environmental Authorisation or an addendum to the existing Environmental Authorisation if the transfer</p> | <p>Noted. An Environmental Authorisation (EA) was initially issued on 28 August 2013 (DEA&amp;DP Ref. EG12/2/4/1-D6/27-0014/12) for the development of a regional reservoir and associated infrastructure on Farm Vaale Valley No. 219, Mossel Bay. Subsequently, an Addendum to the Environmental Authorisation was approved on 20 September 2018 (DEA&amp;DP Ref. 16/3/3/5/D6/29/0010/18). Thereafter, a further amendment application was submitted in terms of Part 1 of Chapter 5 of the Environmental Impact Assessment Regulations, 2014 (as amended), which was approved on 07 July 2023 (DEA&amp;DP Ref. 16/3/3/5/D6/29/0005/23).</p> <p>The amendment was regarded as a non-substantive change to the original Environmental Authorisation, as it did not alter the overall scope or increase the significance of the assessed impacts. The amendment revised the authorised infrastructure description to align with updated engineering designs and legislative requirements, resulting in several originally authorised components, including portions of the reservoir infrastructure, booster pumpstation, rising mains, and the gravity pipeline to the Monte Christo Estate reservoir, no longer requiring environmental authorisation. The amended authorisation therefore retained only the 125 m x 500 mm diameter PVC-O gravity pipeline from the 7 ML reservoir to a T-piece, the 1 980 m x 450 mm diameter PVC-O gravity pipeline to the connection point adjacent to District Road R102, and the associated 6 m wide servitude and maintenance road.</p> |

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|     | is found to be appropriate.                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                    |
| 11. | The holder is responsible for ensuring compliance with the conditions by any person acting on his behalf, including an agent, sub-contractor, employee or any person rendering a service to the holder.                                                                                                                                                                                                                                | Noted. The holder remained responsible for all persons acting on his/her behalf, including an agent, sub-contractor, employee or any person rendering a service to the Holder during the construction phases.                                                                                                      |
| 12. | Non-compliance with a condition of this Environmental Authorisation or EMP may result in suspension of this Environmental Authorisation and may render the holder liable for criminal prosecution.                                                                                                                                                                                                                                     | Noted. No non-compliances identified during this external audit.                                                                                                                                                                                                                                                   |
| 13. | The applicant must notify the competent authority in writing, within 24 hours thereof if any condition herein stipulated is not being complied with.                                                                                                                                                                                                                                                                                   | Noted. No non-compliances identified during this external audit.                                                                                                                                                                                                                                                   |
| 14. | Notwithstanding this Environmental Authorisation, the holder must comply with any other statutory requirements that may be applicable to the undertaking of the listed activity.                                                                                                                                                                                                                                                       | Noted. As per the ECO report, all construction activities were undertaken in compliance with applicable statutory requirements, and no non-compliances with other relevant legislation were observed during the construction and rehabilitation phases.                                                            |
| 15. | An integrated waste management approach, which is based on waste minimisation and incorporates reduction, recycling, re-use and disposal, where appropriate, must be employed. Any solid waste must be disposed of at a landfill licensed in terms of the applicable legislation.                                                                                                                                                      | Throughout construction, all building rubble and waste were removed and disposed of at the municipal disposal facility as per the ECO reports. No recycling took place.                                                                                                                                            |
| 16. | Should any heritage remains be exposed during excavations or any actions on the site, these must immediately be reported to the Provincial Heritage Resources Authority of the Western Cape, Heritage Western Cape (in accordance with the applicable legislation). Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from Heritage Western Cape. | <p>As per the ECO reports:</p> <p><i>Dr John Almond was commissioned to conduct the site inspection of the reservoir site and pipeline route in January 2021.</i></p> <p><i>"This is to confirm that we did not observe any fossil material within the reservoir and pipeline footprint, that there are no</i></p> |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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|     | <p>Heritage remains include: archaeological remains (including fossil bones and fossil shells); coins; indigenous and/or colonial ceramics; any articles of value or antiquity; stone artefacts and bone remains; structures and other built features; rock art and rock engravings; and graves or unmarked human burials.</p> <p>A qualified archaeologist must be contracted where necessary (at the expense of the applicant and in consultation with the relevant authority) to remove any human remains in accordance with the requirements of the relevant authority.</p>                                                                                                                                                                                                                                                                                                                           | <p><i>palaeontological heritage objections to further construction, and no further specialist palaeontological mitigation is considered to be necessary, pending the discovery of any change fossil finds.”</i></p> <p><i>– Dr J Almond – no further inspections are deemed necessary.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 17. | <p>The Holder must, for the period during which the environmental authorisation and EMPr remain valid ensure the compliance with the conditions of the environmental authorisation and the EMPr, is audited.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>Noted.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 18. | <p>During the non-operational phase of the development (construction activities), the frequency of auditing of compliance with the conditions of the environmental authorisation and of compliance with the EMPr, must adhere to the following programme:</p> <p>18.1 During the period which the development activities have been commenced with on the site, the Holder must ensure annual environmental audit(s) are undertaken and the Environmental Audit Report(s) submitted annually to the Competent Authority.</p> <p><b>18.2 A final Environmental Audit Report for the construction phase (non-operational component) must be submitted to the Competent Authority within three (3) months of completion of the construction phase.</b></p> <p>Note: Failure to complete the final auditing requirements at least three months prior to expiry of the validity period of the environmental</p> | <p>Partial compliance. Kappec was initially approached to conduct the required annual audit. It was subsequently agreed between the ECO and the engineering consultants that, due to the project nearing completion, a consolidated audit will be done upon completion to satisfy both audit conditions. Unfortunately, the construction was deemed to take longer, and the required annual audit was not commissioned. Kappec has been appointed, dated May 2026, by the Mossel Bay Municipality, as the independent environmental practitioners to undertake the final external compliance audit in fulfilment of Condition 18 of the Amended 2023 Environmental Authorisation and Regulation 34 of the NEMA EIA Regulations, 2014 (as amended).</p> |

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|            | authorisation may result in the Holder not being able to comply with all the environmental auditing and reporting requirements and may result in the competent authority not being able to process the audit timeously.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>19.</b> | <p>The Environmental Audit Report(s), must–</p> <p>19.1 be prepared and submitted to the Competent Authority, by an independent person with the relevant environmental auditing expertise. Such person may not be the ECO or EAP who conducted the EIA process;</p> <p>19.2 provide verifiable findings, in a structured and systematic manner, on–</p> <p>19.2.1 the level of compliance with the conditions of the environmental authorisation and the EMPr and whether this is sufficient or not; and</p> <p>19.2.2 the ability of the measures contained in the EMPr to sufficiently provide for the avoidance, management and mitigation of environmental impacts associated with the undertaking of the activity.</p> <p>19.3 identify and assess any new impacts and risks as a result of undertaking the activity;</p> <p>19.4 evaluate the effectiveness of the EMPr;</p> <p>19.5 identify shortcomings in the EMPr;</p> <p>19.6 identify the need for any changes to the avoidance, management and mitigation measures provided for in the EMPr;</p> <p>19.7 indicate the date on which the construction work was commenced with and completed or in the case where the development is incomplete, the progress of the development and rehabilitation;</p> | <p>Noted. This audit report includes all relevant information regarding the compliance performance of the contractor and other involved parties during the construction phase.</p> <p>Construction of the reservoir and pumpstation infrastructure took place between January/February 2021 and June 2022, during which the 7 Ml reservoir and associated rising main infrastructure were completed. The second phase involved the installation of the gravity-fed pipeline between the reservoir and</p> |

|     |                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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|     | <p>19.8 indicate the date on which the maintenance/ rehabilitation was commenced with and the progress of the rehabilitation;</p> <p>19.9 include a photographic record of the site(s) applicable to the audit; and</p> <p>19.10 be informed by the ECO reports.</p>                       | <p>the Hartland entrance, undertaken between August 2024 and November 2024. A subsequent construction phase focused on the new pumpstation building between July 2025 and May 2026, with all mechanical and civil works completed within this period. The construction phase was concluded on 8 May 2026.</p> <p>Rehabilitation activities commenced in February 2026 and included reshaping of disturbed areas, replacement of topsoil, and removal of construction-related materials. Hydroseeding with a mixed grass seed blend was undertaken in May 2026.</p> |
| 20. | <p>The Holder must, within 7 calendar days of the submission of the audit report 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>Noted.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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| EA Compliance Rating | 95.45% |
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## SITE AUDIT FINDINGS

An external environmental audit and site walkthrough were conducted on 1 June 2026. The auditor was accompanied on site by the Environmental Control Officer (ECO). Construction work on the development commenced on the reservoir component in February 2021 and was officially completed on 8 May 2026, with construction activities implemented across several distinct phases under different contractors and engineering consultants.

Construction of the reservoir and pumpstation infrastructure took place between January/February 2021 and June 2022, during which the 7 Ml reservoir and associated rising main infrastructure were completed. The second phase involved the installation of the gravity-fed pipeline between the reservoir and the Hartland entrance, undertaken between August 2024 and November 2024. A subsequent construction phase focused on the new pumpstation building between July 2025 and May 2026. All mechanical and civil works within the pumpstation structure have been installed and construction completed.

Rehabilitation activities commenced in February 2026 and included reshaping of disturbed areas, replacement of topsoil, and removal of construction-related materials. Hydroseeding with a mixed grass seed blend was undertaken in May 2026. The former site camp within the pumpstation footprint has been fully rehabilitated, with soils ripped, topsoil reinstated, and surface drainage measures implemented to manage stormwater dispersion. All excess material, including subsoil, topsoil, and construction rubble, has been removed, although a small stockpile was noted adjacent to the pump station, yet to be removed.

The potable water infrastructure has been fully installed within the approved servitude and clearly demarcated using concrete water markers along the pipeline alignment. Associated manhole infrastructure has been installed and is in good condition, with no leaks or operational defects observed. The gravity pipeline largely follows existing farm tracks to minimise disturbance, and no additional encroachment into surrounding agricultural fields or natural vegetation was recorded.

The pumpstation and 7 Ml reservoir are fully enclosed with ClearVu fencing, and access control measures are in place. The gravity pipeline along the R102 corridor is operational, with associated infrastructure installed adjacent to the road reserve. A gabion mattress has been installed along sections of the R102 alignment to provide erosion protection and stabilisation of the pipeline corridor. Adequate natural vegetation regrowth is evident along previously disturbed areas within this corridor.

Connections to the downstream supply network, including the link to the 1 Ml Monte Christo reservoir and associated infrastructure serving Hartland and Outeniquasbosch, have been completed and are in stable condition.

## ENVIRONMENTAL MANAGEMENT PLAN COMPLIANCE

**TABLE 3: ENVIRONMENTAL MANAGEMENT PLAN COMPLIANCE**

| No.       | EMP REQUIREMENT                                                                                                                                                                                                           | COMPLIANCE FINDING                                                                                                                                                       |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1.</b> | <b>Soil Management and Erosion Control</b>                                                                                                                                                                                |                                                                                                                                                                          |
| 1.1       | Disturbed and rehabilitated areas must be monitored to confirm that erosion control measures remain effective and that no active erosion, rilling, gulying or sediment loss is occurring.                                 | Construction is complete and rehabilitated areas are stable. No active erosion, gulying or sediment loss was observed.                                                   |
| 1.2       | Reinstated soil profiles must be inspected to ensure that topsoil has been correctly replaced over subsoil and that no subsoil remains exposed.                                                                           | Topsoil has been correctly reinstated within disturbed areas, including the pumpstation footprint and site camp area.                                                    |
| 1.3       | Vegetation cover must be monitored to confirm progressive establishment on all rehabilitated areas to prevent erosion and surface instability.                                                                            | Vegetation establishment is progressing, particularly around the pumpstation and the hydroseeding has been completed.                                                    |
| 1.4       | Exposed or poorly vegetated areas must be addressed through additional stabilisation or re-seeding where required.                                                                                                        | Minor areas of incomplete vegetation establishment remain, but natural regrowth and hydroseeding have been completed. No additional stabilisation is currently required. |
| 1.5       | Stormwater flow paths must be monitored to ensure that no erosion, sediment transport or concentration of runoff is occurring within rehabilitated areas.                                                                 | Stormwater flow paths are stable and functioning as intended, with no signs of concentrated runoff or erosion.                                                           |
| 1.6       | Any erosion features identified must be rehabilitated and stabilised to prevent further degradation.                                                                                                                      | No active erosion features were identified during the audit.                                                                                                             |
| <b>2.</b> | <b>Pollution Prevention</b>                                                                                                                                                                                               |                                                                                                                                                                          |
| 2.1       | The site must be inspected for any residual contamination, including hydrocarbons, concrete residues or chemically impacted soils, and any contaminated material must be removed and disposed of at an approved facility. | No evidence of hydrocarbon, chemical, or concrete contamination was observed within the site footprint.                                                                  |

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| 2.2       | The site must be confirmed as free from construction waste, rubble, hazardous residues or litter.                                                                                                                                                                                                    | The site is largely clear of waste and rubble, with only minor residual builders' rubble at the pumpstation area pending final removal.                    |
| 2.3       | No signs of fuel, oil or chemical contamination may remain within the construction footprint.                                                                                                                                                                                                        | No signs of fuel, oil, or chemical contamination were observed.                                                                                            |
| 2.4       | Any residual impacted soil must be remediated and the area reinstated to a stable condition.                                                                                                                                                                                                         | Not applicable. No contaminated soils were identified.                                                                                                     |
| <b>3.</b> | <b>Reservoir Construction (Construction and Post-Construction Monitoring)</b>                                                                                                                                                                                                                        |                                                                                                                                                            |
| 3.1       | The construction footprint must be clearly demarcated to prevent encroachment into sensitive vegetation or agricultural areas.                                                                                                                                                                       | Construction was confined to the approved footprint with no encroachment into surrounding agricultural or natural areas.                                   |
| 3.2       | Topsoil must be stripped and stockpiled prior to reservoir construction activities commencing. Topsoil stockpiles must remain free from contamination by subsoil, waste or construction materials. Excess soils not required for rehabilitation must be disposed of at a licensed disposal facility. | Topsoil was appropriately stripped, stockpiled, and reinstated. Excess material was removed to a municipal disposal facility according to the ECO reports. |
| 3.3       | ECO-approved silt fences or sediment traps must be installed around construction areas where required.                                                                                                                                                                                               | Not applicable at this stage, as construction has been completed and erosion controls are no longer active.                                                |
| 3.4       | The reservoir footprint must be monitored to confirm that all disturbed areas have been fully reinstated and stabilised.                                                                                                                                                                             | The reservoir footprint is stable and fully reinstated.                                                                                                    |
| 3.5       | No subsidence, erosion or surface instability may be present within or around the completed reservoir area.                                                                                                                                                                                          | No subsidence, erosion, or surface instability was observed around the reservoir.                                                                          |
| 3.6       | Rehabilitated surfaces must be integrated with surrounding landforms and vegetation must be establishing successfully.                                                                                                                                                                               | Rehabilitated areas are integrating well with surrounding land and vegetation is re-establishing successfully.                                             |
| <b>4.</b> | <b>Pipeline Construction (Construction and Post-Construction Monitoring)</b>                                                                                                                                                                                                                         |                                                                                                                                                            |
| 4.1       | The pipeline route must be pegged and approved prior to                                                                                                                                                                                                                                              | The pipeline was installed within the approved alignment and                                                                                               |

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|           | construction activities commencing.                                                                                              | pegged by the surveyor prior to commencement.                                                                                                                 |
| 4.2       | Indigenous plants within the construction footprint must be rescued where required prior to site clearing.                       | No indigenous vegetation rescue was observed or reported as required                                                                                          |
| 4.3       | Rescued indigenous vegetation must be replanted following completion of construction activities.                                 | Not applicable, as no rescued vegetation was obtained.                                                                                                        |
| 4.4       | Vegetation clearing must be limited to the approved pipeline servitude and working width.                                        | Vegetation clearing was restricted to the approved servitude and working corridor as per the ECO reports.                                                     |
| 4.5       | Topsoil excavated from trenching activities must be stockpiled separately for rehabilitation purposes.                           | Topsoil from trenching was appropriately managed during the construction phase and sufficiently reinstated along the pipeline corridor during rehabilitation. |
| 4.6       | Appropriate erosion and sediment control measures must be implemented along the pipeline route.                                  | A gabion mattress has been installed along sections of the R102 alignment to provide erosion protection and stabilisation of the pipeline corridor.           |
| 4.7       | The pipeline servitude must be monitored to ensure full reinstatement and stabilisation of the trench line and working corridor. | The pipeline servitude is stable and fully reinstated with no signs of trench failure.                                                                        |
| 4.8       | No signs of trench settlement, erosion or exposed subsoil may be present along the pipeline route.                               | No trench settlement, erosion, or exposed subsoil was observed.                                                                                               |
| 4.9       | Vegetation recovery along the pipeline servitude must be assessed and supplemented where establishment is inadequate.            | Vegetation recovery along the servitude is progressing well with adequate regrowth evident.                                                                   |
| <b>5.</b> | <b>No-Go Areas and Demarcation</b>                                                                                               |                                                                                                                                                               |
| 5.1       | Previously demarcated no-go areas must be inspected to confirm that they remain undisturbed and intact.                          | No-go areas remained undisturbed and intact.                                                                                                                  |
| 5.2       | Any accidental disturbance within no-go areas must be rehabilitated and restored as far as practicable.                          | Not applicable – no accidental disturbance to no-go areas was recorded.                                                                                       |
| 5.3       | No further encroachment into sensitive or protected areas may occur during post-construction works.                              | No encroachment into sensitive or protected areas was observed.                                                                                               |

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| <b>6.</b>  | <b>Construction Camp and Material Storage</b>                                                                                       |                                                                                                                                                                                   |
| 6.1        | All construction camp areas must be confirmed as fully dismantled, cleared and rehabilitated.                                       | Construction camp and associated laydown areas have been fully dismantled and rehabilitated.                                                                                      |
| 6.2        | No temporary structures, storage materials or disturbed ground may remain within former camp areas.                                 | No temporary structures or materials remain on site.                                                                                                                              |
| 6.3        | Camp footprints must be reinstated and stabilised to prevent erosion or contamination.                                              | Camp areas have been reinstated, ripped, and stabilised.                                                                                                                          |
| <b>7.</b>  | <b>Fire Prevention</b>                                                                                                              |                                                                                                                                                                                   |
| 7.1        | The site must be confirmed as free of fire risks associated with stored materials, waste or abandoned construction activities.      | No fire risks associated with construction activities or materials remain on site.                                                                                                |
| 7.2        | No residual hazardous ignition sources or unmanaged combustible materials may remain on site.                                       | No hazardous or combustible materials were observed.                                                                                                                              |
| <b>8.</b>  | <b>Waste Management</b>                                                                                                             |                                                                                                                                                                                   |
| 8.1        | All waste generated during construction must be fully removed and the site confirmed as free of rubble, litter and waste materials. | All excess material, including subsoil, topsoil, and construction rubble, has been removed, although a small stockpile was noted adjacent to the pump station, yet to be removed. |
| 8.2        | Former waste storage areas must be rehabilitated and left in a clean and stable condition.                                          | Former waste storage areas have been rehabilitated and stabilised within the pump station and surrounding the farm shed..                                                         |
| 8.3        | No illegal dumping or residual waste may remain within or around the construction footprint.                                        | No illegal dumping or residual waste was observed.                                                                                                                                |
| <b>9.</b>  | <b>Ablution Facilities</b>                                                                                                          |                                                                                                                                                                                   |
| 9.1        | All temporary ablution facilities must be confirmed as removed and the sites rehabilitated.                                         | All temporary ablution facilities have been removed and sites rehabilitated.                                                                                                      |
| 9.2        | No contamination or residual impacts from chemical toilets may remain on site.                                                      | No contamination from chemical toilets was observed.                                                                                                                              |
| <b>10.</b> | <b>Cement and Concrete Works</b>                                                                                                    |                                                                                                                                                                                   |
| 10.1       | All concrete-related areas must be inspected to confirm that no                                                                     | No hardened concrete spills or washout residues were observed.                                                                                                                    |

|            |                                                                                                                            |                                                                                                                |
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|            | hardened spills, washout residues or contaminated soils remain.                                                            |                                                                                                                |
| 10.2       | Any concrete-impacted soil must be removed or remediated and the area reinstated.                                          | No concrete spill or remains were observed during the site audit.                                              |
| <b>11.</b> | <b>Dust, Noise and Nuisance Management</b>                                                                                 |                                                                                                                |
| 11.1       | No ongoing dust generation or nuisance impacts may arise from rehabilitated or stabilised areas.                           | No dust or nuisance impacts are currently occurring from the rehabilitated site.                               |
| 11.2       | Former haul routes and exposed surfaces must be stabilised to prevent dust generation under dry conditions.                | Former disturbed areas have been stabilised and are not generating dust under dry conditions.                  |
| <b>12.</b> | <b>Rehabilitation and Site Closure</b>                                                                                     |                                                                                                                |
| 12.1       | All disturbed areas must be confirmed as fully rehabilitated, stable and in the process of successful ecological recovery. | Disturbed areas are largely rehabilitated and in a stable post-construction recovery phase.                    |
| 12.2       | Topsoil reinstatement must be verified as effective, with no exposed subsoil remaining.                                    | Topsoil reinstatement has been effective with no exposed subsoil observed.                                     |
| 12.3       | Vegetation establishment must be assessed for long-term sustainability and supplemented where necessary.                   | Vegetation establishment is progressing well with hydroseeding completed.                                      |
| 12.4       | Rehabilitated areas must be monitored to ensure ongoing stability and resilience against erosion.                          | Rehabilitated areas are stable with no signs of ongoing degradation.                                           |
| 12.5       | Stormwater systems must be functioning in a stable, non-erosive manner within rehabilitated landscapes.                    | Stormwater systems are functioning in a stable and non-erosive manner.                                         |
| 12.6       | Compacted soils must be ripped or loosened prior to rehabilitation.                                                        | Soil within the pump station and along the gravity-fed network route was ripped as part of the rehabilitation. |
| 12.7       | Indigenous grass seed mixtures must be applied to disturbed areas where required.                                          | Indigenous grass seed mixtures were applied to disturbed areas during rehabilitation.                          |
| 12.8       | Disturbed areas must be rehabilitated using appropriate indigenous vegetation species.                                     | Hydroseeding using a grass seed mixture was applied to disturbed areas.                                        |
| 12.9       | Rescued indigenous plants must be replanted following completion of construction activities.                               | Not applicable – no indigenous plants were obtained.                                                           |

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| <b>EMPr Compliance Rating</b> | <b>99.26%</b> |
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## CONCLUSION

In conclusion, Kappec has been appointed, dated May 2026, by Mossel Bay Municipality, as the independent environmental practitioners to undertake the final external compliance audit in fulfilment of Condition 18 of the Amended Environmental Authorisation and Regulation 34 of the NEMA EIA Regulations, 2014 (as amended).

An Environmental Authorisation (EA) was initially issued on 28 August 2013 (DEA&DP Ref. EG12/2/4/1-D6/27-0014/12) for the development of a regional reservoir and associated infrastructure on Farm Vaale Valley No. 219, Mossel Bay. Subsequently, an Addendum to the Environmental Authorisation was approved on 20 September 2018 (DEA&DP Ref. 16/3/3/5/D6/29/0010/18). Thereafter, a further amendment application was submitted in terms of Part 1 of Chapter 5 of the Environmental Impact Assessment Regulations, 2014 (as amended), which was approved on 07 July 2023 (DEA&DP Ref. 16/3/3/5/D6/29/0005/23).

All major components of the development, including the reservoir, pumpstation, gravity pipeline network, and associated servitudes, have been successfully constructed and are operational. Rehabilitation of disturbed areas has been appropriately implemented, with topsoil reinstatement, hydroseeding, and vegetation establishment showing positive results, particularly around the pumpstation and within the construction footprint. The pipeline servitude has been reinstated with minimal residual impact, and no significant erosion, pollution, or environmental non-compliance was observed during the audit.

The external environmental audit confirms that the Applicant is largely compliant with the conditions of the EA and the EMPr. The EMPr has proven effective in guiding and mitigating the environmental impacts associated with the construction activities undertaken to date.

No major environmental risks or unmanaged impacts were identified that would warrant triggering a public participation process in terms of Regulation 34(5) of the EIA Regulations. As such, no further public engagement will be undertaken at this stage.

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 'RK' with a stylized flourish.

Renier Kapp  
for KAPPEC

## ANNEXURE A – SITE PHOTOGRAPHS



Signage in place at the entrance of the site off the R102.



Hydroseeding surrounding the pump station in progress, minor builders' rubble to be removed.



Pump station has been fully fenced in with ClearVu fencing.



Mixed grass seeds used for rehabilitation within the pump station.



Condition of the constructed pump station along the R102 towards the south



Condition of the constructed pump station and fencing along the R102 towards the south.





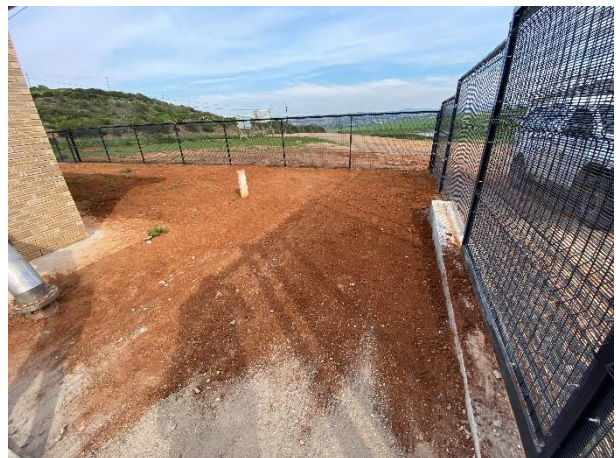
Condition of the constructed pump station and fencing as seen towards the northeast.



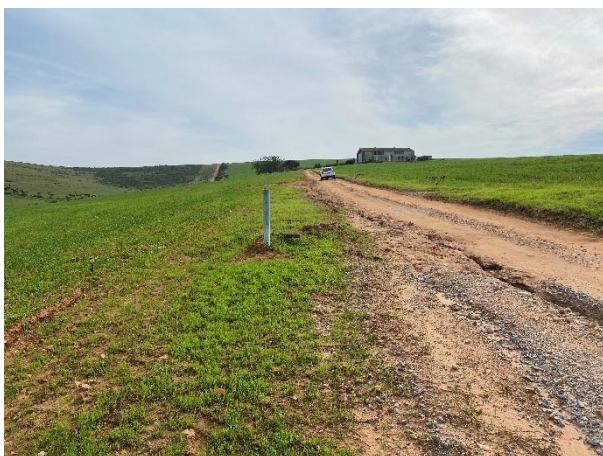
Condition of the constructed pump station and fencing along the R102 towards the north.



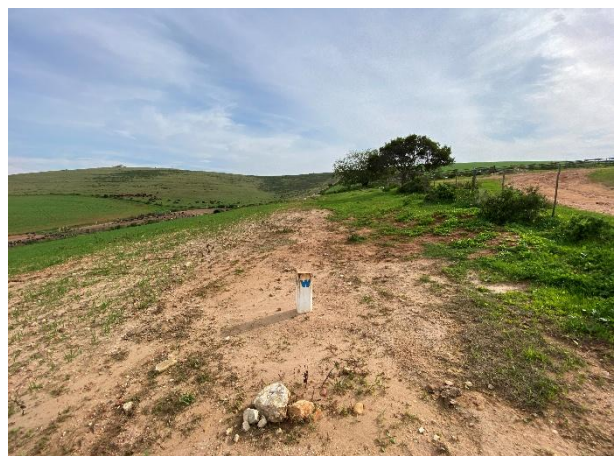
Hydroseeding within the pump station completed.



Fully rehabilitated site camp area within the pump station boundary, soil ripped, and topsoil reused. Drainage channel created for stormwater dispersal.



Road and surrounding agricultural fields towards the reservoir.



Installed gravity pipeline network and surrounding vegetation regrowth towards the northwest.





Installed gravity pipeline network and associated manhole infrastructure adjacent to the farm shed.



Installed gravity pipeline network and associated manhole infrastructure adjacent to the farm shed.



Condition of the existing farm tracks and surrounding vegetation.



Installed gravity pipeline network and associated manhole infrastructure towards the northwest.



Installed gravity pipeline network towards the southwest, natural vegetation along the western boundary intact.



Installed gravity pipeline network towards the southwest, natural vegetation along the western boundary intact.





Installed gravity pipeline network towards the southwest, natural vegetation along the western boundary intact.



Installed gravity pipeline network and associated infrastructure towards the southwest.



Condition of the associated potable water network infrastructure towards the southwest.



Connection of the gravity-fed pipeline network to the existing 7 Ml reservoir as seen towards the southwest.



Existing 7 Ml reservoir fully fenced with ClearVu fencing as seen towards the southeast.



Existing 7 Ml reservoir fully fenced with ClearVu fencing.





Surveyor peg for the fence installation.



Installed gravity pipeline network and associated infrastructure towards the 1 Ml reservoir servicing Monte Christo Retirement Village.



Installed gravity pipeline network and associated infrastructure towards the 1 Ml reservoir



Installed gravity pipeline network and associated infrastructure towards the 1 Ml reservoir



Installed gravity pipeline network and associated infrastructure towards the southeast.



Installed gravity pipeline network and associated infrastructure towards the 1 Ml reservoir.





Fencing in place surrounding the 1 Mℓ reservoir servicing Monte Christo Retirement Village.



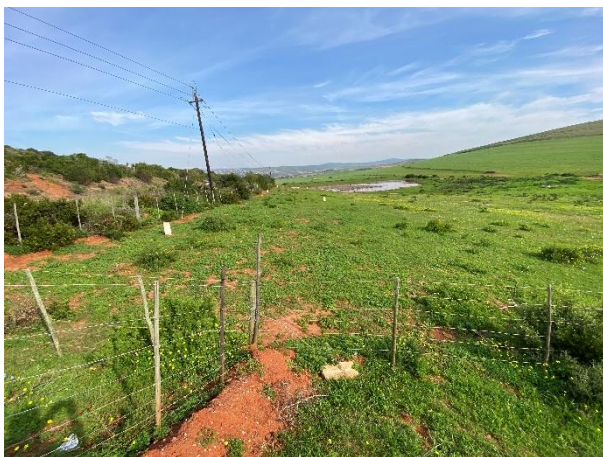
Installed gravity pipeline network connection from the 1 Mℓ reservoir towards the southeast.



Installed gravity pipeline network connection from the 1 Mℓ reservoir towards the southeast.



Installed gravity pipeline network and associated infrastructure towards the 1 Mℓ reservoir.



Installed gravity pipeline network along the R102 towards the southwest. Adequate vegetation regrowth.



Installed gravity pipeline network along the R102 towards the southwest. Adequate vegetation regrowth.





Installed gravity pipeline network along the R102 towards the southwest. Adequate vegetation regrowth.



Installation of gabion mattresses along the pipeline route.



Installed gravity pipeline network and associated manhole infrastructure along the R102 towards the southwest.



Installed gravity pipeline network and associated infrastructure along the R102 towards the southeast.



T-piece connection point adjacent to the R102.



Condition of the existing farm trek towards the north along the R102.