



HilLand Environmental

Environmental Assessment Practitioners

ENVIRONMENTAL MONITORING REPORT No. 12
FOR

***The Development of the Garden Walk on the Remainder of Portion 58
of the Farm Hartenbosch 217, Hartenbos***



Compiled by:

HilLand Environmental

Reference:

MOS25/1262/32

Report Period:

February 2026

ISSUED BY:
 HillLand Environmental
 PO Box 590
 George, 6530
 Tel: 044 889 0229
 Fax: 086 542 5248
 E-mail: cathy@hilland.co.za / environmental@hilland.co.za
 Website: www.hilland.co.za

GARDEN WALK DEVELOPMENT

ON THE REMAINDER OF PORTION 58 OF THE FARM HARTENBOSCH 217, HARTENBOS

Report period: February 2026

Conditions of report use:

The report is the property of the sponsor and the author, who may publish it, in whole, provided:

- 1 That written approval is obtained from the author and that **HillLand Environmental** is acknowledged in the publication;
- 2 That **HillLand Environmental** is indemnified against any claim for damages that may result from publication;
- 3 The contents of this report may not be used for purposes of sale or publicity or advertisement without the prior written approval of **HillLand Environmental**.
- 4 That it is understood that **HillLand Environmental** accepts no responsibility for the contractor's failure to follow the recommended programme.
- 5 That it is understood that **HillLand Environmental** accepts no responsibility for the contractor's deviation or non-compliance to any specifications or guidelines provided in the report.
- 6 That it is understood that all figures, plates, and diagrams are copyrighted and may not be reproduced by any means, in any form, in part or whole.

Submitted to:	Mike Buykes Construction Jodan Construction Moolman Group
Copies to:	DEADP - George

HillLand Environmental Internal review process:

Report compiled by: Siobhon Engelbrecht and Stefan Delport – HillLand Environmental

Report internal review by: Stefan Delport - HillLand Environmental

Environmental Monitoring Report No. 12

HillLand Environmental, the appointed Environmental Control Officer (ECO) compiled this report as the environmental monitoring report (**No.12**). This report monitors compliance against the Environmental Management Programme (EMPr, Ref.: MOS24.1262.12) and constitutes the **12th** Environmental Monitoring Report and covers inspections done during **February 2026** for the construction of the Garden Walk development on the Remainder of Portion 58 of the Farm Hartenbosch 217, Hartenbos.

This ECO report also covers compliance monitoring for all works to date in terms of the EA in relation to the property. Commencement of **all listed activities** for the development must take place in accordance with the EA (16/3/3/5/D6/18/0006/24).

Notification of commencement letter was sent to the Department of Environmental Affairs and Development Planning (DEA&DP) on **27th November 2024**.

The approved updated EMPr and EA is available in the environmental file – the updated EMPr was submitted to DEADP prior to commencement.

Environmental induction was done with earthworks contractor and staff in **January 2025** and in **February 2025** with the main building contractor. The internal Health, Safety and Environmental officer of MBC have been inducted by the ECO and will be doing environmental inductions with their staff as staff changes on site.

Method statement for the construction site camp was submitted to the ECO.

A discrepancy with the cadastral boundaries was picked up and referred to the developer for attention (May 2025 – ECO Report No.4). The survey confirmed that the cadastral boundaries have been incorrectly mapped on site, and the no-go / site demarcation has been installed on this incorrect line on Remainder of Farm 219.

A non-compliance notification letter was subsequently submitted to DEADP on 25th June 2025. A meeting was held with DEADP and Mossel Bay Municipality in July 2025 to determine the way forward.

DEADP Law Enforcement conducted a site inspection on 5th September 2025, and the Compliance Notice was issued on 30th September 2025.

DEADP conducted a compliance inspection on the 9th September 2025.

Rehabilitation in terms of the approved rehabilitation report is in process, and the first ECO rehabilitation progress report has been submitted to the DEADP – Law enforcement office – 10 December 2025. Rehabilitation of phase 1 is complete and will require ongoing monitoring and watering. Rehabilitation of phase 2 has started.

External works (bulk sewer line, stormwater outlet and infrastructure, and road works – turn lanes and sidewalks) associated with the Garden Walk Shopping Centre is in process.

Construction phase is near completion.

ECO monitoring during **February 2026**:

Date:	Comment:
5 February 2026	Site inspection
10 February 2026	Site inspection and meeting
19 February 2026	Site inspection
24 February 2026	Site inspection and meeting

CONSTRUCTION PHASE MONITORING CHECKLIST

ECO site inspection checklist based on the approved updated EMPr for **February 2026**.

EMPr Requirement	Level of Compliance	Comments / Findings	Photo's (if applicable)
Construction Site camp			
The site camp area must be indicated and approved by the ECO.	DONE	The site camp method statement (MBC) was approved by the ECO. The site camp is set up on RE/219 as per the method statement. Based on the survey data, the area in front of the site camp is also on RE/219, refer to non-compliance notification mentioned above. The MBC site camp has been dismantled. The area must be fully rehabilitated (remove any/all foreign material, replace topsoil and spread the seed mix – water and aftercare). Civil and sub-contractor's site camp/material storage area is within the fenced off development footprint.	 MBC site camp area – rehabilitation to start.

			 Sub-contractor site camp area.
Storage sites for construction material and access must be approved by the ECO prior to commencing (and areas will require rehabilitation after use).	Compliant	All construction material is currently stored in the development site (fenced off area). Construction access is directly off the R102 to the construction site – now using the approved entrances. Stormwater infrastructure and external road works construction material stockpile area is generally limited within the development zone (shopping centre), however there are limited material stockpiling on the outside where active construction is taking place.	 Construction materials stored in the road reserve.
Environmental Induction			
All construction staff should be briefed by the ECO/DEO in an environmental education programme.	Ongoing	Environmental induction was done with all staff on site in January 2025 (Jodan construction). Induction was done with the main contractor (MBC) management team done in February 2025.	

		The DEO does inductions with new staff as they arrive on site – proof is kept in the environmental file.	
Stormwater Management			
Silt fencing must be installed at the stormwater outlet point until the site is re-vegetated and silt is no longer evident.	Ongoing	Installation of the stormwater infrastructure in process. Silt trap (bidim) has been installed at the stormwater outlet point (on RE/101/217). The stormwater outlet (earth channel) will need to be rehabilitated with indigenous grass seed mix and “wetland” type plants. The southern stormwater channel has been constructed with a gabion dissipator – done.	
In the case of contaminated water run-off, silt can be stopped by means of sandbags and following the rain the contaminated area should be cleaned.	Ongoing Not yet required for this reporting period.	There is no contaminated run-off noted outside the demarcated site. No contaminated runoff noted from the cement mixing areas – internal on hard surface.	
Fauna and Flora			
A record of the rescued plants must be kept.	Compliant / DONE	Extensive plant rescued was done prior to vegetation clearing and earthworks commenced. A record of plants rescued is in place: Approximately 1000 Aloes were rescued. The local nursery is looking after some of the aloes that will be replanted during rehabilitation phase. Extra rescued plants were donated to neighbouring estates to use in their rehabilitation programme. One (1) milkwood was transplanted/rescued in accordance with the NFA permit. Plant search and rescued was done in accordance with the EMPr in the area that was cleared outside of 58/217.	

Any transplantable species (tree seedlings, shrubs, succulents, geophytes etc.) which occur within the construction areas (development footprint) should be stored in an on-site / off-site nursery for later use in the landscaping phase.	Compliant / DONE	All visible aloes were rescued /transplanted. Some of the aloes went to an off-site nursery adjacent to the property for safekeeping and to be planted into rehabilitation.	Refer to the ECO rehabilitation monitoring report (Ann A)
Should any animal be caught up or trapped in the construction area, the ECO should be requested to assist.	Compliant	Nothing reported during this monitoring period.	
The contractor(s) shall ensure that no hunting, trapping, shooting, poisoning or otherwise disturbance of any fauna takes place.	Compliant	No non-compliance noted or reported to the ECO.	
Soil Protection			
Topsoil must be stripped to stockpile from all construction areas before work commences in that specific area. All topsoil on the site will be stripped at least 200mm Deep, approx. 2500m ³ of topsoil will be retained on site for future use in the landscaping area.	DONE	Topsoil has been stripped. Only the required volume (approximately 2500m ³) of topsoil for rehabilitation and landscaping has been stockpiled. Stockpiled topsoil is being used for the rehabilitation and landscaping – currently in process. The contractor must ensure that the topsoil stockpile is free from invasive alien plants (<i>Datura sp.</i>).	
The topsoil must be stockpiled for use in rehabilitation and landscaping and must not be contaminated with other building materials and / or subsoil.	Compliant	The topsoil has been stockpiled and are now being used for rehabilitation and landscaping.	

			
The stockpiles must be protected against erosion including wind (vegetation can be permitted to grow on the stockpile to keep it secure and prevent wind movement. No alien invasive plants may grow on the stockpile).	Ongoing	Grass cover is allowed to grow on the stockpile – some grass cover noted. The contractor must ensure that the topsoil stockpiles are free from invasive alien plants (<i>Datura</i> sp.).	

The silt fencing needs to be installed where indicated by the ECO.	compliant	Bidim silt fence at the stormwater outlet must be maintained until the earth channel has established.	
No bare or exposed areas are to be left for a period of more than 2 months.	Done	Clearing of the entire site was done and construction is in progress over the entire site (civil services and top structure).	
Ablution Facilities			
Ablution facilities (chemical toilets) are to be provided at the campsite for use of the staff (one toilet per 15 people).	Compliant	Sufficient ablution facilities are provided on site, for Jodan Construction, MBC and shopfitters of the various shops.	
The contractor shall ensure that the toilet(s) are emptied regularly and also before weekends and public holiday periods.	Ongoing	No environmental issues noted.	
Heritage Resources			
Although not anticipated, should it be suspected that an object or structure of heritage value has been uncovered during earthworks or the clearing of vegetation (including but not limited to bones, burial sites, structures older than 50 years, stone tools, shell middens, pottery etc.), then all work is to immediately cease, and the	Compliant	The majority of the earthworks are near completion, and no discoveries were reported during this reporting period.	

ECO is to be contacted to inform Heritage Western Cape (HWC). Work shall not recommence until HWC have visited the site, inspected the object in question and advised on how to proceed.			
Access To the Site			
Primary access has been approved from the MR344 (R102) at a point approximately 280m north-east of the intersection between the R102 (MR344) and DR6804.	Compliant	Controlled construction access to the site is from the R102 and SANRAL piece.	 Network: 18 Feb 2026 at 11:05:51 SAST Location: 18 Feb 2026 at 11:05:51 SAST S: 34° 5' 26.765" E: 22° 6' 34.510" 223: SW Remark: Garden Walk #HILand Environmental
The contractor(s) must ensure that vehicles leaving the site are clean and, wherever possible, do not deposit mud, any other earth material and concrete on the road surface. Where this is unavoidable, it must be cleaned on a daily basis and may not be permitted to enter the storm water system.	Ongoing	Minimal mud deposits noted. Majority of the development area is hardened surface (paving). External services in process – upgrades to the existing R102 – turn lanes etc.	 Network: 18 Feb 2026 at 12:45:35 SAST Location: 18 Feb 2026 at 12:45:35 SAST S: 34° 5' 26.765" E: 22° 6' 34.510" 223: SW Remark: Garden Walk #HILand Environmental
Site Agent			
The main contractor shall appoint a responsible agent to ensure that they comply with this EMP and all its conditions.	Compliant	SHE - Aphiwe Mteyise – MBC SHE - Tinashe Kurwaisimba– Jodan Construction	

Working Areas & Demarcation			
All areas outside of the property will be regarded as 'no-go' areas (except where installation of services will be required).	Ongoing	The non-compliance was reported to DEADP. DEADP Law Enforcement S24G process in progress. R102 intersection and upgrades are in process.	 Yellow line showing the cadastral boundary. 

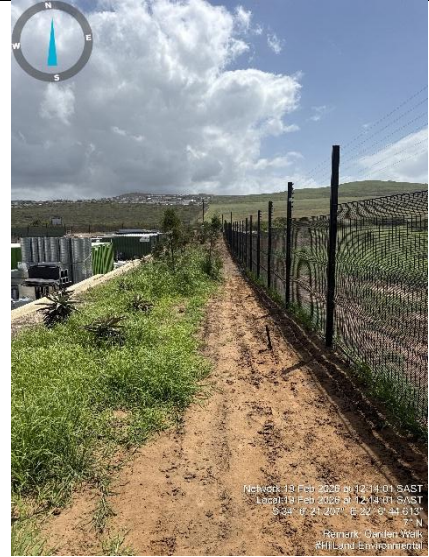
No-Go areas will be required to be demarcated by the contractor to ensure that they are visible at all times, to all personnel. The total footprint of a building zone / phase should be demarcated with 1.5 m (height) shade cloth for the entire period of the construction.	Compliant	Clear-vu fence (permanent fence) is installed.	

Storage of Construction Material			
All stockpile sites to be approved by the ECO and/or landowner, prior to the commencement of stockpiling. All stockpile sites within the development area are to be demarcated with silt-fences and/or danger tape, where necessary.	Compliant & ongoing	Main construction material stockpile area is within the demarcated zone. The construction material stockpile in the development zone. Limited construction material stockpiled outside the shopping centre for the external services (road, sewage and stormwater) – within the road reserve.	
Any material removed from bulk earthworks that is not going to be used as part of the cut and fill, MUST be removed from site to an approved disposal site immediately.	DONE	Majority of the subsoil was used for cut and fill within the development footprint. Excess topsoil and subsoil have been removed from the site.	
Written method statement for the storage of hazardous substances must be approved by the ECO.	Not applicable at this stage	No hazardous substances at this stage to the knowledge of the ECO.	
Fire Protection			
No burning of waste on any part of the site should be permitted.	Compliant	No non-compliance noted.	
Waste Management			
It is recommended that an integrated waste management approach must be used that is based on waste minimisation and must include reduction, recycling, re-use and disposal where appropriate. Recycling must be encouraged on-site and recycling bins must be provided and clearly marked.	Compliant / Ongoing	Keeping general waste separate from construction rubble. Construction rubble stockpiles must not have litter (papers and plastic) – ongoing. Subcontractors (shopfitters) must be encouraged to separate their waste – recycling.	

		Additional skips have been brought to site to try and limit littering. Skips must have a cover to prevent wind blowing litter.	
Disposal of all waste materials must be done at suitable facilities. No dumping of any waste material on or off-site is permitted.	Compliant	No dumping noted during the ECO site inspections.	
Documentary evidence of all disposed contaminated products, waste or residues, which have been generated during the construction phase must be kept.	Ongoing	Contractor to ensure that the waste disposal slips are kept in the environmental file. ECO did not check the environmental file for proof during this reporting period.	
Litter to be removed from the site on a daily basis and kept in closable bins.	Compliant & ongoing	Litter noted during ECO site inspection(s) have been reported to the contractor and are actioned accordingly – this will be ongoing. Regular litter picking must be done, with specific focus to the shopfitter stockpile / site area (back of house)	

			 Photograph showing two red skips and a concrete wall. The skips are labeled 'GARDEN WALL' and 'GARDEN WALL'. The wall is made of concrete blocks. The date and time of the photograph are 24 Feb 2020 at 11:25:15 AEST. The location is 34° 17' 46.172" S, 150° 5' 32.570" E. The photographer is Bernard Garden Wall Environmental.  Photograph showing a concrete wall and a truck. The wall is made of concrete blocks. The truck is a red skip loader. The date and time of the photograph are 24 Feb 2020 at 11:25:15 AEST. The location is 34° 17' 46.172" S, 150° 5' 32.570" E. The photographer is Bernard Garden Wall Environmental.
Concrete and Cement Works			
Any concrete batching plant areas are to be approved by the ECO prior to utilisation.	N/A	No concrete batching plant used for this development. Mixing are being done within development footprint (transformed area) and as agreed	

		with the ECO. Suitable bunding must always be in place to avoid contaminated water runoff.	 Plastic sheet is used as protective layer
No ready-mix trucks are permitted to rinse their tanks on site or along the access roads to and from the site.	Ongoing	No non-compliance noted during site inspections.	
Any spillage is to be immediately cleaned by the responsible contractor / supplier / owner.	Ongoing	Minor concrete spillage noted within the development zone (transformed area / hardened surface – manholes/paving etc.) and are cleaned – <i>no environmental impact</i> .	
Bunding through the use of sandbag walls around any mixing areas is recommended. All concrete must be mixed on trays / on thick plastic and not on the soil.	Ongoing	Suitable bunding must always be in place to avoid contaminated water runoff. Ready-mix is used for the bulk concrete works.	
Noise and Dust Management			
Work must be limited to normal working hours as dictated by the local authority.	Ongoing	No environmental issues noted or reported to the ECO.	
Dust mitigation measures should be implemented as required.	Ongoing	Dust nuisance complaint(s) are recorded in environmental file – no new complaints received . Paving and hard surfaces. Dust monitoring required for the external works.	
Rehabilitation/vegetation management			
Any damage to private property or open space areas must be reinstated to the state it was before construction commenced and must be done to the satisfaction of the landowner and ECO.	Ongoing	Refer to the non-compliance letter / comment. Rehabilitation of the area above the retaining wall will in process – refer to the ECO rehabilitation monitoring report. MBC site camp area must still be rehabilitated: • All foreign material to be removed. • Topsoil to be replaced (at least 300mm) • Seed with indigenous grass seed mix.	

All building rubble must be completely removed and disposed of at an approved landfill site.	Ongoing	Building rubble is being removed on a regular basis in skips.	
Compacted topsoil must be raked loose.	Action required	The area above the retaining wall – phase 1 where the fibre sleeves were installed. Phase 2 in the northern corner.	 Phase 1  Phase 2
Contaminated soil must be disposed of at an approved landfill site.	Ongoing	Part of the rehabilitation phase and site clean-up.	

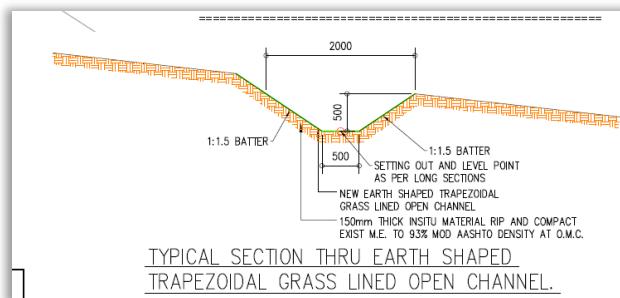
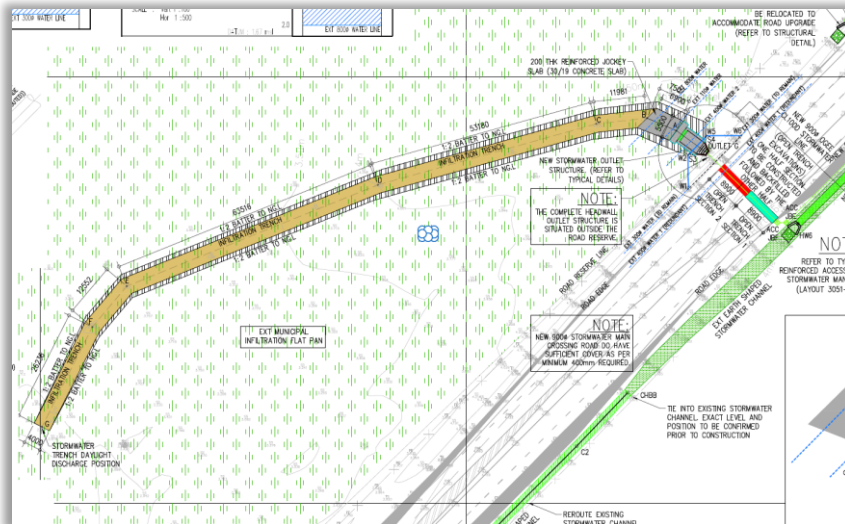
Reinstate the vegetation in accordance with the Landscape Master Plan. All landscaping areas to be planted and maintained.	Ongoing	Rehabilitation / revegetation of the retaining wall / embankment has been done (phase 1) – refer to the ECO rehabilitation monitoring report. Landscape in process.	 Nakwon: 24 Feb 2026 at 11:02:57 SAST Local: 24 Feb 2026 at 11:02:57 SAST S 34° R 23.952° E 22° G 36.953° 108° E Remarks: Garden Walk #Hilland Environmental  Nakwon: 24 Feb 2026 at 11:02:57 SAST Local: 24 Feb 2026 at 11:02:57 SAST S 34° R 23.952° E 22° G 36.953° 108° E Remarks: Garden Walk #Hilland Environmental
--	----------------	---	--

			 Network 09 Feb 2026 at 10:54:10 SAST Local 09 Feb 2026 at 10:54:10 SAST S 34° 0' 42" 169° 15' 22" W 35.107m 120° SE Remark: Garden Walk #Hilland Environmental  Network 10 Feb 2026 at 10:54:21 SAST Local 10 Feb 2026 at 10:54:21 SAST S 34° 6' 22.477" E 22° 6' 38.389" 205° SW Remark: Garden Walk #Hilland Environmental
--	--	--	--

Alien invasive vegetation to be removed	Ongoing	The contractor must ensure ongoing hand-pulling of the <i>Datura</i> plants. It is important to remove these plants before they start producing seeds and spread.	
---	---------	---	--

General notes based on ECO site inspections during **February 2026**:

- The stormwater master plan was circulated to the ECO at the end of January 2026. As per the service level agreement with Mossel Bay Municipality, the stormwater outlet is located on RE/101/217 (municipal stormwater detention area). All care must be taken to prevent siltation of this area. The stormwater inlets must be kept free of sand, sediment, and debris to ensure that the stormwater infrastructure functions effectively.
 - The stormwater outlet earth channels must be shaped and rehabilitated with indigenous vegetation and grasses.
 - Hay-bale silt protection is recommended in this earth channel.

**Streng Consult**

- The rehabilitation area (above the retaining wall) must be regarded as No-Go area.
- General house-keeping and regular litter picking is required.



Conclusion

Plant search and rescue was completed in January 2025 (entire development area including the section on RE/219), and the plants are kept and looked after in an off-site nursery that has now been used for the rehabilitation (mainly area above the retaining wall).

The topsoil has been stripped and the required amount for rehabilitation and landscaping has been stockpiled. Topsoil is now being used for the rehabilitation and landscaping.

The entire working area is demarcated with a fence.

Construction of the retaining wall / embankment is complete, and rehabilitation / revegetation – replanting the rescued plants are done – refer to the ECO Rehabilitation monitoring report.

Construction of the building, parking and external services (road upgrades, stormwater infrastructure and bulk sewer connection) is ongoing – near completion.

The Section 24G process for the unlawful clearing on Remainder of Farm 219 is ongoing – waiting for feedback from DEADP – Rectification.

Regular litter picking must continue.

Rehabilitation of phase 1 is complete, and phase 2 has commenced.

MBC site camp area to be rehabilitated.