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ENVIRONMENTAL MONITORING REPORT No. 3

FOR

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



Compiled by:

Hilland Environmental

Reference:

MOS25/1262/15

Report Period:

April 2025

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GARDEN WALK DEVELOPMENT

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

Report period: April 2025

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Environmental Monitoring Report No. 3

HillLand Environmental, the appointed Environmental Control Officer (ECO) compiled this report as the environmental monitoring report (**No.3**). This report monitors compliance against the Environmental Management Programme (EMPr, Ref.: MOS24.1262.12) and constitutes the 3rd Environmental Monitoring Report and covers inspections done during **April 2025** 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**.

Environmental induction was done with earthworks contractor and staff on site on **16th January 2025** and **11th February 2025** with the main building contractor. The internal Health, Safety and Environmental officer of MBC has 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 – refer to attachment.

ECO monitoring during **April 2025**:

Date:	Comment:
04 April 2025	Site inspection
08 April 2025	Site inspection & Site meeting
24 April 2025	Site inspection

1. CONSTRUCTION PHASE MONITORING CHECKLIST

The following checklist was compiled by the ECO for the ECO site inspections during **April 2025**.

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 was approved by the ECO. Earthworks contractor: The site camp is within the fenced off development footprint. Building contractor: site camp situated in areas as per the agreed method statement – see attached.	 Earthworks contractor site camp

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. Construction access is directly off of R102 to the construction site. Access point will shift to the access as indicated on the site plan in due course.	 HillLand Environmental Garden Walk 09.04.2025 10:01 34°0'28.27"S 22°0'39.75"E N2 Construction materials stored on site
Environmental Induction			
All construction staff should be briefed by the ECO/DEO in an environmental education programme.	Compliant	Environmental induction was done with all staff on site on 16 January 2024 (Jodan construction). Induction was done with the main contractor (MBC) management team done on 11 February 2025. DEO does inductions with new staff as they arrive on site.	

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	Sandbags were placed in existing stormwater channel of the provincial road, to capture any silt from the site. These "silt traps" are cleaned out regularly as observed on site. Sandbags were placed at the low point (old access point). The stormwater outlet point is not yet installed. <i>All low points must be regularly inspected for possible stormwater movement. In the case where there is stormwater movement, the contractor will be required to install erosion protection (bidim silt fence(s) or sandbags).</i>	 No stormwater runoff issues noted  Additional sandbags were placed at the low point (old access point)
In the case of contaminated water run-off, silt can be stopped by means of sandbags and	Ongoing	There has been no contaminated run-off noted or reported to the ECO during this reporting period. Additional sandbags have	

following the rain the contaminated area should be cleaned.		been places (proactively) to prevent silt wash / erosion at the old access point.	
The stormwater system must be protected through the installation of additional silt-fencing and re-vegetation of exposed areas.	Not yet necessary	The stormwater system has not yet been installed.	
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.	
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.	
Should any animal be caught up or trapped in the construction area, the ECO should be requested to assist.	Not yet necessary	No incidents have been noted or reported to the ECO.	
The contractor(s) shall ensure that no hunting, trapping, shooting, poisoning or otherwise disturbance of any fauna takes place.	Compliant	No non-compliance noted.	
Soil Protection			
Topsoil must be stripped to stockpile from all construction areas before work commences in that specific area.	DONE	Topsoil has been stripped. Only the required volume (approximately 2500m ³) of topsoil for rehabilitation and landscaping has been stockpiled and demarcated with signs. The excess has been removed from the site as agreed by the ECO.	

		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 for rehabilitation and landscaping and demarcated – signs.	
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. The contractor must ensure that the topsoil stockpile is free from invasive alien plants (<i>Datura sp.</i>).	
The silt fencing needs to be installed where indicated by the ECO.	Ongoing	Silt fences will be required at the low points and stormwater outlets – refer to notes above – stormwater section.	
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.	Compliant	Approx. 2500m ³ of topsoil is stockpiled on site – the rest was removed from the site as according to the amount of topsoil required for rehabilitation and landscaping.	

Topsoil stockpile

No bare or exposed areas are to be left for a period of more than 2 months.	Ongoing	Clearing of the entire site was done and construction is in progress.	 Network: 24 Apr 2025 at 12:54:01 SAST Local: 24 Apr 2025 at 12:54:01 SAST S 34° 6' 23.991", E 22° 6' 40.302" 228° SW Remark: Garden Walk #Hilland Environmental Construction in progress
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, both for Jodan Construction and MBC.	 Network: 24 Apr 2025 at 12:53:22 SAST Local: 24 Apr 2025 at 12:53:22 SAST S 34° 6' 23.836", E 22° 6' 40.409" 290° W Remark: Garden Walk #Hilland Environmental Additional ablution facilities were added to the site
The contractor shall ensure that the toilet(s) are emptied regularly and also before weekends and public holiday periods.	Ongoing	No environmental issues noted. Toilet service provider was noted on site during ECO site inspection. Additional toilets have been added to the site.	

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 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.	Compliant	The majority of the earthworks are near completion and no discoveries were reported during this reporting period.	
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.	Ongoing	Controlled construction access to the site is from the R102.	
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	Mud deposits on the R102 are cleaned regularly.	
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	
Local Labour			
It is strongly recommended that local labour is used for the construction phase of this project.	Ongoing	Labour and service providers are recruited from the Mossel Bay area as far as possible.	

"Local" implies people within the Mossel Bay area.			
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	No personnel noted outside of the property. The clearing in the road reserve is for the external services and upgrades to the R102.	
No-Go areas will be required to be demarcated by the contractor to ensure that they are visible at all times, to all personnel.	Compliant	The working area (development site) is demarcated with a 1.8m wire fence and shade netting.	 Demarcation of the working zone with green shade netting
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	The development zone is demarcated with a 1.8m wire fence and shade netting.	

Storage of Construction Material

All stockpile sites to be approved by the ECO and/or landowner, prior to the commencement of stockpiling.	Compliant & ongoing	Current stockpile area is within the development zone. No other stockpiles outside the development zone.	 Material storage within the working zone
All stockpile sites within the development area are to be demarcated with silt-fences and/or danger tape, where necessary.	Compliant & ongoing	The construction material stockpile in the development zone is demarcated with orange netting fencing.	
All construction material should be stored within the site camp / boundary (if space allows it).	Compliant	The construction material is stored in the development zone.	 Hazardous material storage area
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.	Compliant	Majority of the subsoil was used for cut and fill operation 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.	Ongoing	Method statement for hazardous substances has been submitted to the ECO and approved.	

Fire Protection			
Cigarettes may not be disposed of onsite and must be disposed of properly in receptacles for this purpose.	Ongoing	No environmental issues noted.	
No burning of waste on any part of the site should be permitted.	Compliant	No non-compliance noted.	
Waste Management			
A dedicated area must be created within the campsite for refuse and waste management.	Compliant	A dedicated waste area is in the site camp.	 Network: 24 Apr 2025 at 12:59:45 SAST Local: 24 Apr 2025 at 12:59:45 SAST S 34° 6' 24.03" E 23° 6' 43.512" 284 W Portlark Garden Walk Hill and Environmental Dedicated stockpile area for off-cut material  Network: 04 Apr 2025 at 12:59:45 SAST Local: 04 Apr 2025 at 12:59:45 SAST S 34° 6' 19.03" E 23° 6' 43.512" 284 W Portlark Garden Walk Hill and Environmental Bins provided at site camp

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.	Ongoing	an integrated waste management system should be implemented – keeping general waste separate from construction rubble. We don't want to see plastic bags/wrapping in the construction rubble stockpile.	
Recycling must be encouraged on-site and recycling bins must be provided and clearly marked.			
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.	N/A	No contaminated products have been generated.	
Litter to be removed from the site on a daily basis and kept in closable bins.	Compliant & ongoing	Limited to no litter noted during ECO site inspections. Regular litter picking is done.	 Network: 24 Apr 2025 at 12:42:35 SAST Local: 24 Apr 2025 at 12:42:35 SAST S 34° 6' 20.067" E 22° 6' 42.258" 200° S Remark: Garden Walk #Hilland Environmental Site is free of litter
Concrete and Cement Works			
Any concrete batching plant areas are to be approved by the ECO prior to utilisation.	Ongoing	Mixing are being done within development footprint and as agreed with the ECO. Suitable bunding must always be in place to avoid contaminated water runoff.	

			Small cement mixing done in the construction site
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.	Not yet necessary	No spillage noted.	
Bunding through the use of sandbag walls around any mixing areas is recommended.	Ongoing	Suitable bunding must always be in place to avoid contaminated water runoff.	

All concrete must be mixed on trays / on thick plastic and not on the soil.		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. Regular dust suppression is done – watering exposed areas and dust mitigation record sheet is kept in the environmental file.	
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.	Not yet necessary	Rehabilitation will be completed once construction is complete.	
All building rubble must be completely removed and disposed of at an approved landfill site.	Not yet necessary	Rehabilitation will be completed once construction is complete.	
Compacted topsoil must be raked loose.	Not yet necessary	Rehabilitation will be completed once construction is complete.	
Contaminated soil must be disposed of at an approved landfill site.	Not yet necessary	Rehabilitation will be completed once construction is complete.	
Reinstate the vegetation in accordance with the Landscape Master Plan.	Ongoing	Rehabilitation / revegetation of the retaining wall / embankment can now start.	
All landscaping areas to be planted and maintained.	Not yet necessary	Rehabilitation will be complete once construction is complete.	

Alien invasive vegetation to be removed	Ongoing	The contractor must ensure ongoing hand-pulling of the <i>Datura</i> plants – ECO can assist with identification if required. It is important to remove these plants before they start producing seeds and spread.	 Hi-Land Environmental Gordon Hill 3000 West Road 3000 West Road E102 Alien vegetation within disturbed areas to be hand-pulled
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2. Conclusion

Plant search and rescue was completed in January 2025 and the plants are kept and looked after in an off-site nursery.

All topsoil has been stripped and the required amount for rehabilitation and landscaping has been stockpiled.

The entire working area is demarcated with a 1.8m wire and shade netting fence.

Construction of the retaining wall / embankment is near completion and rehabilitation / revegetation can now start. Construction of the building is in progress.

No non-compliance was noted during this reporting period. The contractor and developer are compliant with the EMPr.