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ENVIRONMENTAL MONITORING REPORT No. 2 FOR Springfield Estate on Portion 53 of Farm 195, George



Compiled by:

Hilland Environmental

Reference:

GEO24/1134/24

Report Period:

March 2024

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**PORTION 53 OF THE FARM KRAAIBOSCH 195, GEORGE
ENVIRONMENTAL MONITORING REPORT NO 2**

Report period: March 2024

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Submitted to:	J Rodrigues – Springfield Estate J Hough – SMEC South Africa Bernard Bredenkamp - Ruwacou
Copies to:	J Christie - DEADP – George

Report compiled by: Stefan Delport and Jennifer Teifel – HillLand Environmental

Report reviewed by: Cathy Avierinos - HillLand Environmental

Environmental Monitoring Report No. 2

Hilland Environmental, the appointed Environmental Control Officer (ECO) compiled this report as the environmental monitoring report (**No.2**). This report monitors compliance against the Environmental Management Plan (Ref.: GEO23.1134.20) and constitutes the **2nd** Environmental Monitoring Report and covers inspections done during **March 2024** for the construction of Springfield Estate, on Portion 53 of the Farm Kraaibosch 195, George.

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 (16/3/3/1/D2/19/0007/23).

Notification of commencement letter was sent to the Department of Environmental Affairs and Development Planning (DEA&DP) on 25th January 2024.

Environmental induction was done with all new staff on site on 20th March 2024.

Plant search and rescue is done as vegetation clearing progresses. Rescued plants are kept in an on-site nursery.

Civil services installation of phase 1 is in progress.

Road works for the main entrance road (Road 3) between Glenwood Ave and the entrance is in progress. The road construction is undertaken in terms of the Kraaibosch roads master plan (southern bound Collector Road). The Springfield development ECO monitoring inspections will cover the construction of the road as well.

ECO monitoring during March 2024:

Date:	Comment:
07 March 2024	Site inspection and Site Meeting
15 March 2024	Site inspection
19 March 2024	Site inspection
25 March 2024	Site inspection

1. CONSTRUCTION PHASE MONITORING CHECKLIST

The following checklist was compiled by the ECO for the ECO site inspections during **March 2024**.

Construction Site camp				
Item	Yes	No	Not yet necessary	Comments
The area of the site camp must be approved by the ECO.	Yes			Position of the site camp (on a future erf) was agreed by the ECO, engineer and developer.
Ablution facilities are to be provided prior to commencement of activities.	Yes			Portable toilet facilities are on site.
A dedicated area must be created in the site camp for refuse and waste management.	Yes			General waste bin is in the site camp.
No accommodation is permitted on site, with the exception of a night watchman.	Yes			Security guard on site
No storage of construction materials within the no-go areas.	Yes			None noted.
General				
Item	Yes	No	Not yet necessary	Comments
The main contractor shall appoint an agent, who will report to the ECO, to ensure that they are complying with the EMPr.	Yes			Richard de Meillon
Construction vehicles must be restricted to the designated roads only.	Yes			Dedicated construction haul routes to be used to limit disturbance of areas with intact grass cover – to limit dust issues
If an artefact, grave, stone tool, structure older than 50 years, shell midden etc., is discovered all work is immediately stopped in the immediate vicinity of the site and the ECO is to be contacted to inform HWC.	Yes			Nothing to report
Environmental Induction				
Item	Yes	No	Not yet necessary	Comments
All civil construction and building staff must be briefed by the ECO in an environmental education programme prior to any activities commencing on site.	Yes			Environmental induction was done with all staff on site on 31 st January 2024. New staff received environmental induction on the 20 th March 2024.
All people on site must be made aware of the boundaries within which work may be done and which areas are No-Go areas.	Yes			Discussed during environmental induction. No-Go area (wetland buffer) has been demarcated with wooden pegs.
Stormwater Management				
Item	Yes	No	Not yet necessary	Comments
Stormwater generated on site should be managed according to Sustainable Drainage System principles.	Yes			Stormwater detention as per engineering design.
Silt fences, sandbags or berms must be used to limit runoff during construction.	Yes			No erosion issues noted during this reporting period. Subsoil stockpile is protected with a row of sandbags and topsoil windrow.
Buffer Zones				
Item	Yes	No	Not yet necessary	Comments
Buffers are No-Go areas.	Yes			As discussed during environmental induction and demarcated.
Buffers must be clearly demarcated.	Yes			Contractor has demarcated the wetland buffer area with painted wooden pegs.

No construction activities may occur within the buffer zone.	Yes			
No materials may be stockpiled within the buffer area.	Yes			Phase 1 – no construction material stockpiled close to the buffer. The subsoil and topsoil stockpiles are located on a future erf.
Fauna and Flora				
Item	Yes	No	Not yet necessary	Comments
Plant rescue must be undertaken prior to the commencement of any clearing activities on-site or in a phase.	Yes			Bulb rescue in advance of vegetation clearing. The development zone mainly consists of grass, limited plant rescued.
Rescue plants must be collected and stored in the on-site nursery or be directly replanted into the rehabilitation zone.	Yes			Rescued plants are stored in the on-site nursery, and some are replanted into the rehabilitation areas.
The grass area may only be mowed after the plant rescue, but prior to construction so that it can form part of the topsoil stockpile.	Yes			Ongoing, plant rescue, and mowing is being done in sections just before construction commences in that specific section.
Vegetation must only be cleared in the immediate working area for any activity.	Yes			Ongoing for phase 1 Vegetation clearing for the civil services and platforms of the first phase have been cleared.
If any endangered or protected plant species are discovered during vegetation clearance, they may not be removed without the relevant permit and licensing.	Yes			No endangered/ protected plants have been found in phase 1
The removal, damage or disturbance of animals must be avoided.	Yes			Nothing reported to the ECO
Soil Protection				
Item	Yes	No	Not yet necessary	Comments
Before work commences all topsoil from construction site must be stripped and stored.	Yes			Dedicated topsoil stockpile near the subsoil stockpile on a future development erf.
The topsoil stockpile may not be contaminated with any building materials or subsoil, and it must be protected against wind and water erosion.	Yes			Topsoil is kept separate at all times to prevent contamination. No issues noted during this reporting period. Topsoil stockpile will be surveyed and demarcated to prevent accidental contamination.
The landscape berms/ swales need to be shaped to their final shape immediately before the soil becomes hard.			N/A	Not yet applicable at this stage
Soil excavated for installation of services must be placed to the side of the trench, with topsoil on one side and subsoil on the other side and replaced in the same sequence once done.			N/A	Not yet applicable at this stage. Current activity within the box cut of the road(s)
Surplus subsoil that is required for cut and fill operations may be stockpiled in an area approved by the ECO. All earthwork material that is not going to be used must be removed immediately from the site.	Yes			Subsoil stockpile in future development area (erf). To be demarcated to avoid contamination. There is a row of sandbags and topsoil windrow to prevent siltation of the stormwater dam.
Silt fencing needs to be installed before construction commences, especially between the development zone and the riparian zone, so that no silt leaves the site.			N/A	Not yet applicable for this phase which is in the northern section of the development. Silt protection at the subsoil stockpile must be maintained (row of sandbags/silt fence or stormwater trench)

Rehabilitation				
Item	Yes	No	Not yet necessary	Comments
Landscape berms/ swales must be vegetated with a cover crop and thereafter planted with indigenous species.			N/A	Not applicable at this stage
All disturbed areas will require stabilization on completion of the work by the contractor.			N/A	Not applicable at this stage
Compacted topsoil must be raked loose.			N/A	Not applicable at this stage
The riparian corridor will be rehabilitated back to indigenous vegetation.			N/A	Not applicable at this stage
The topsoil stockpile must be used for rehabilitation and landscaping.			N/A	Not applicable at this stage
Working Sites				
Item	Yes	No	Not yet necessary	Comments
The working zone must be demarcated, and all activities must be restricted to the demarcated working zone.	Yes			Working zone is demarcated by the surveyor with wooden pegs.
The total footprint of a building phase should be demarcated with 1.5 m high shade cloth.			N/A	Only civil services installation to date Home building will require shade cloth demarcation of the building area.
No work may commence in a phase until the required hay bale protective screen has been installed along the buffer area.			N/A	Not applicable to this phase in the northern section of the development. Only applicable in the areas near the watercourse and the road 3 construction.
All areas outside of defined works are deemed a No-Go area.	Yes			
Fire Protection				
Item	Yes	No	Not yet necessary	Comments
No open fires are permitted on site.	Yes			No open fires noted
All cigarettes need to be extinguished and disposed of properly.	Yes			Dedicated smoking area with appropriate cigarette disposal bucket (filled with sand) in place at the site camp.
Waste Management				
Item	Yes	No	Not yet necessary	Comments
The contractor must ensure that there are sufficient waste disposal facilities (bins/skips etc.) on site.	Yes			Bin at the site office.
Recycling bins must be provided and clearly labelled.			X	Contractor is advised to add recycling bins in the construction site camp.
All waste must be disposed of at suitable facilities. No dumping on or off site is permitted.	Yes			No dumping of waste noted
Regular litter picking to be done.	Yes			Ongoing
Solid waste may be temporarily stored on-site in a designated area, and it must be removed on a weekly basis.	Yes			Ongoing
Concrete and Cement Works				
Item	Yes	No	Not yet necessary	Comments
No concrete mixing within 50 m of the top of the slope leading to the Modderrug River.			N/A	Not applicable to this phase
Any concrete batching plant areas are to be approved by the ECO prior to utilisation.			N/A	No concrete mixing during this reporting period
No ready-mix trucks are permitted to rinse their tanks on site or along the access roads.			N/A	No concrete/cement works during this reporting period
Mixing areas must be bunded.			N/A	No concrete/cement works during this reporting period
Contaminated soil must be disposed of at the municipal waste disposal site.			N/A	No concrete/cement works during this reporting period
Cement water may not enter any open space or water body.			N/A	No concrete/cement works during this reporting period

Noise and Dust Management				
Item	Yes	No	Not yet necessary	Comments
Construction work needs to be limited to normal working hours.	Yes			No noise complaints/issues received. There was a dust complaint from the neighbouring development. The topsoil stockpile was shifted immediately to assist with potential dust issues. The contractor continues to spray water on all haul routes, as observed during the ECO inspections.
Water spraying and/or wood chips need to be used in areas where dust is generated.	Yes			Ongoing dust suppression. The contractor is spraying water on the haul roads.

Photographic record of ECO site inspections.

Photographic record	Comments and requests
 Hilland Environmental 19.03.2024 15:27 33.97954, 22.5038 Kraalbosch Country Estate, Liesbeeck Cl, George SE	The topsoil and subsoil stockpile are within the development zone. A row of sandbags has been placed along the southern side slope to prevent any silt wash.
 Hilland Environmental 15.03.2024 08:06 33.97625, 22.50542 40 Red Ash Rd, Kraalbosch Park, George SE	Portable toilet facilities are on site.
 07 March 2024 8:50 am	Rescued plants in the small on-site nursery.

	 19 March 2024 3:31 pm	Construction site camp and office. The site camp is set up in a future development zone (erf) as agreed to by the developer and ECO. The site camp is adequately fenced off. Recycling must be encouraged on-site and recycling bins must be provided and clearly marked.
	 02 March 2024 10:07 am	Temporary stormwater attenuation pond in phase 1.
	 25 March 2024 3:37 pm	Dedicated smoking zone and a sand filled tyre for cigarette disposal.



SMEC
Member of the SCSi Group

SITE INSTRUCTION

SITE INSTRUCTION No: SI 001

CONTRACT DESCRIPTION: Construction of Internal Civil Engineering Infrastructure for Phase 1 and Portion of External Road 3 for Springfield Estate, Portion 53, Farm 195, KwaDlangezwa, George.

CONTRACT No: C1962-001

CONTRACTOR: ALWACON (Pty) Ltd

SUBJECT: ENVIRONMENTAL NO-GO AREA DEMARCATION SETTING OUT POINTS

DETAILS OF INSTRUCTION:
In accordance with point 6.2.4 of the Environmental Management Programme (EMP) included in the Contract Document it is a requirement that the no-go areas as indicated on the No-Go Map on page 61, must be demarcated.

The Contractor is hereby instructed as follows:

- Set out no-go area as per coordinates listed below.

DESCRIPTION	Y	X	Z
P-A	45 684.302	3 761 578.482	197.080
P-B	45 690.506	3 761 657.381	187.069
P-C	45 759.960	3 761 681.159	188.821
P-D	45 779.815	3 761 683.165	189.402
P-E	45 800.552	3 761 679.360	190.457
P-F	45 823.394	3 761 681.907	190.879
P-G	45 836.077	3 761 690.496	190.491
P-H	45 843.218	3 761 677.058	190.854
P-I	45 782.041	3 761 659.442	192.095
P-J	45 771.661	3 761 656.091	192.023
P-K	45 751.505	3 761 647.191	192.259
P-L	45 732.314	3 761 635.209	192.999
P-M	45 714.071	3 761 619.821	193.524
P-N	45 697.004	3 761 599.996	195.188

P-C1962_Springfield Estate DevelopmentS_ConstructionS-6_Site InstructionS/SI/C1962_Site Instruction 01_20140226.docx

P-Q	45 817.819	3 761 643.641	194.430
P-P	45 854.991	3 761 654.949	191.421
P-R	45 876.201	3 761 615.395	192.899
P-S	45 873.587	3 761 581.925	196.240
P-T	45 869.452	3 761 585.259	196.229
P-U	45 856.961	3 761 601.854	195.807
P-V	45 838.399	3 761 616.703	195.803
P-W	45 825.396	3 761 630.390	195.499
P-X	45 818.969	3 761 639.614	194.776

- Plant wooden pegs and paint the top 500mm with red PVA paint to clearly indicate the extent of the no-go area. The wooden pegs to be spaced at 20m intervals.
- Install signage indicating the no-go area are off limits to workers and plant.

ATTACHMENTS: None

PAYMENT: Specified in the EMP and EA and deemed part of Items 1.1.12 and 1.1.39 in the priced BOQ

FILE REFERENCE: C1962/5/5-6/SI/001

	NAME & SURNAME	SIGNATURE	DATE	TIME
ISSUED BY EMPLOYER'S AGENT:	James Hough	<i>J. Hough</i>	26/02/2024	08:34
RECEIVED BY CONTRACTOR:	Bernard Eredenkamp			

No-Go areas (buffer zone) are demarcated with painted wooden stakes. The farm dam (future stormwater attenuation) in the southern portion and the no-go line along the wetland have been demarcated using painted wooden pegs. Refer to Site Instruction 001.



Installation of the sewer pipelines in progress.



Building platforms in phases 1 and 2 have been pegged out (sales phases).



Topsoil and subsoil stockpiles in phase 6 need to be demarcated so that the different stockpiles are clearly distinguishable and to avoid accidental contamination.

1.1. Environmental Authorisation (EA) Conditions

Compliance with EA (16/3/3/1/D2/19/0007/23 – dated 25 October 2023) conditions were checked during this monitoring period.

Scope and Validity Period of authorisation	
1. This Environmental Authorisation is granted for the period from date of issue until 30 November 2033 (validity period), during which period the Holder must ensure that the— (a) physical implementation of all the authorised listed activities, including the installation of bulk services and the construction of the top structures, is started with and concluded at the site; (b) construction monitoring and reporting requirements are undertaken at the site and submitted to the Competent Authority in time to allow said authority to process such documents timeously; (c) post construction rehabilitation and monitoring requirements is undertaken and completed at the site; and (d) environmental auditing requirements are complied with; and that such auditing is finalised in time to allow the competent authority to be able to process the environmental audits timeously within the specified validity period.	All activities need to be concluded by 30 November 2033, including rehabilitation.
2. The Holder must finalise the post construction rehabilitation and monitoring requirements within a period of 3-months from the date the development activity (construction phase) is concluded.	Rehabilitation to be completed 3 months after construction has been completed.
3. The Holder is authorised to undertake the listed activities specified in Section B above in accordance with the Preferred Alternative described in the Integrated Final Basic Assessment Report ("FBAR") and Final Impact Report dated 19 July 2023 on the site as described in Section C above. This Environmental Authorisation is only for the implementation of the Preferred Alternative which entails: The Holder is herein authorised to undertake the following activities that includes the listed activities as it relates to the transformation of land previously used for agriculture and the clearance of indigenous vegetation for the construction of the residential development and associated structures and infrastructure. The specific details of the proposed development on the property comprises of the following: • 299 units consisting of various housing types (19 units per Ha); • Internal roads; • Clubhouse; • Gatehouse;	A Part 1 amendment application has been submitted for the minor changes required by the municipality in the planning approval. The SDP footprint remains unchanged and number of units has been reduced to match the planning approval.

• Refuse area; • Internal open space areas to be used for recreational activities/infrastructure. The development must be implemented in accordance with the layout developed by DHK architects (Pty) Ltd. (dated 07/11/2022) Drawing number 01-40-01 Rev H (Annexure 2).	
4. This Environmental Authorisation may only be implemented in accordance with an approved Environmental Management Programme ("EMPr").	The EMPr submitted with the final BAR is approved.
5. The Holder shall be responsible for ensuring compliance with the conditions by any person acting on his/her behalf, including an agent, sub-contractor, employee or any person rendering a service to the Holder.	Condition to note.
6. Any changes to, or deviations from the scope of the alternative described in 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 information in order to evaluate the significance and impacts of such changes or deviations, and it may be necessary for the Holder to apply for further authorisation in terms of the applicable legislation.	Condition to note – any changes need to be approved by DEADP before commencement.
Notification and administration of appeal	
7. The Holder must in writing, within 14 (fourteen) calendar days of the date of this decision– 7.1. notify all registered Interested and Affected Parties ("I&APs") of – 7.1.1. the decision reached on the application; 7.1.2. the reasons for the decision as included in Annexure 3; 7.1.3. the date of the decision; and 7.1.4. the date when the decision was issued. 7.2. draw the attention of all registered I&APs to the fact that an appeal may be lodged against the decision in terms of the National Appeal Regulations, 2014 (as amended) detailed in Section G below; 7.3. draw the attention of all registered I&APs to the manner in which they may access the decision; 7.4. provide the registered I&APs with the: 7.4.1. name of the Holder (entity) of this Environmental Authorisation, 7.4.2. name of the responsible person for this Environmental Authorisation, 7.4.3. postal address of the Holder, 7.4.4. telephonic and fax details of the Holder, 7.4.5. e-mail address, if any, of the Holder, 7.4.6. contact details (postal and/or physical address, contact number, facsimile and e-mail address) of the decision-maker and all registered I&APs in the event that an appeal is lodged in terms of the 2014 National Appeals Regulations (as amended).	Done on the 26 th October 2023.

7.5. The listed activities, including site preparation, must not commence within 20 (twenty) calendar days from the date the applicant notified the registered I&APs of this decision. 7.6. In the event that an appeal is lodged with the Appeal Authority, the effect of this Environmental Authorisation is suspended until the appeal is decided (i.e., the listed activities), including site preparation, must not commence until the appeal is decided.					
Written notice to the Competent Authority					
8. Seven calendar days' notice, in writing, must be given to the Competent Authority before commencement of any activities. 8.1. The notice must make clear reference to the site details and EIA Reference number given above. 8.2. The notice must also include proof of compliance with the following conditions described herein: Conditions no.: 7, 10 and 12. 9. Seven calendar days' written notice must be given to the Competent Authority on completion of the construction activities.	Done on the 25th January 2024.				
Management of activity					
10. The draft or Environmental Management Programme ("EMPr") submitted as part of the application for Environmental Authorisation is herewith approved and must be implemented and adhered to. 10.1. The EMPr must be amended to incorporate the following — 10.1.1. Incorporate all the conditions given in this Environmental Authorisation; 10.1.2. Include the auditing schedule as set out by this Environmental Authorisation. 11. The EMPr must be included in all contract documentation for all phases of implementation.	Submitted to DEADP (25th January 2024). It was confirmed that the EA and EMPr were part of the contract document. <table border="1" data-bbox="810 1039 1492 1182"> <thead> <tr> <th colspan="2" data-bbox="810 1039 906 1077">12.0 - ENVIRONMENTAL COMPLIANCE</th></tr> </thead> <tbody> <tr> <td data-bbox="810 1077 906 1182">12.1</td><td data-bbox="906 1077 1492 1182">SD highlighted that the Environmental Authorisation is very important and that all conditions stipulated in the EA must be adhered to. JH confirmed that all environmental authorisations and documentation was included in the tender and Contract document.</td></tr> </tbody> </table> Site meeting #2 minutes	12.0 - ENVIRONMENTAL COMPLIANCE		12.1	SD highlighted that the Environmental Authorisation is very important and that all conditions stipulated in the EA must be adhered to. JH confirmed that all environmental authorisations and documentation was included in the tender and Contract document.
12.0 - ENVIRONMENTAL COMPLIANCE					
12.1	SD highlighted that the Environmental Authorisation is very important and that all conditions stipulated in the EA must be adhered to. JH confirmed that all environmental authorisations and documentation was included in the tender and Contract document.				
Monitoring					
12. The Holder must appoint a suitably experienced Environmental Control Officer ("ECO"), for the duration of the construction and rehabilitation phases of implementation contained herein. 13. The ECO must— 13.1. be appointed prior to commencement of any works (i.e. removal and movement of soil); 13.2. ensure compliance with the EMPr and the conditions contained herein; 13.3. keep record of all activities on the site; problems identified; transgressions noted and a task schedule of tasks undertaken by the ECO; 13.4. remain employed until all development activities are concluded, and the post construction rehabilitation and monitoring requirements are finalised; and	HillLand Environmental is the appointed ECO.				

13.5. the ECO must conduct site inspections at least every 2 (two) weeks and must submit ECO Monitoring Reports on a monthly basis to the competent authority.	
14. A copy of the Environmental Authorisation, EMPr, any independent assessments of financial provision for rehabilitation and environmental liability, closure plans, audit reports and compliance monitoring reports must be kept at the site of the authorised activities and be made available to anyone on request, and where the Holder has website, such documents must be made available on such publicly accessible website.	EA and EMPr is part of the contract documents. To be kept in the environmental file on site
15. Access to the site referred to in Section C must be granted, and the environmental reports mentioned above must be produced, to any authorised official representing the Competent Authority who requests to see it for the purposes of assessing and/or monitoring compliance with the conditions contained herein.	Condition to note
Environmental Auditing	
16. 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.	Auditing requirements – note that as Hilland Environmental undertook the assessment and ECO duties, Hilland Environmental cannot be the auditor – an independent auditor must be appointed – ECO to assist.
17. 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: 17.1. Auditing during the non-operational phase (construction activities): 17.1.1. 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. 17.1.2. 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.	First External Audit required January 2025
18. The Environmental Audit Report(s), must– 18.1. 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; 18.2. provide verifiable findings, in a structured and systematic manner, on– 18.2.1. the level of compliance with the conditions of the environmental authorisation and the EMPr and whether this is sufficient or not; and 18.2.2. 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. 18.3. identify and assess any new impacts and risks as a result of undertaking the activity;	

18.4. evaluate the effectiveness of the EMPr; 18.5. identify shortcomings in the EMPr; 18.6. identify the need for any changes to the avoidance, management and mitigation measures provided for in the EMPr; 18.7. 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; 18.8. indicate the date on which the maintenance/ rehabilitation was commenced with and the progress of the rehabilitation; 18.9. include a photographic record of the site(s) applicable to the audit; and 18.10. be informed by the ECO reports. 19. The Holder must, within 7 calendar days of the submission of the audit report to the Competent Authority, notify all potential and registered I&APs of the submission and make the report available to anyone on request and on a publicly accessible website (if applicable).	
Specific Conditions	
20. A development setback boundary of 30 metres along the edge of the Modderkloof / Modderrugrivier and surrounding the edge of dams / wetlands must be maintained free of any construction activities.	Condition to note – No-Go demarcation to remain in place
21. The Stormwater Management Plan developed by SMEC, dated 17 May 2023, must be implemented on the site.	Condition to note
22. The area immediately south of the development abutting the Modderrug River must be managed as an open space area and must not be developed. Further to this— 22.1. No new buildings, structures or bulk engineering services infrastructure may be constructed / installed in this open space area within 32 metres from the edge Modderrug River, unless the necessary authorisation has been obtained. 22.2. A public walkway system must be established at least 32-metres away from the watercourse, in the open space system. The walkways must be able to accommodate wheelchairs, pedestrians and cyclists and be at least 2.0m in width. 22.3. No fencing may cross the river and the fencing must be restricted to the residential area. 22.4. The Holder must ensure that all alien invasive plant species will be removed from the open space area within the specified validity period. 22.5. A “Conservation Management Plan” (CMP) must be developed and implemented for the management of the Modderrug River open space during the validity period of this Environmental Authorisation.	Conditions to note for what may and may not be done within the open space adjacent to the river.

Such CMP must address and / or incorporate the following— (a) No planting except for rehabilitation in terms of an approved management plan. (b) The corridor must remain linked to form a green belt with adjacent properties with open space areas. (c) No collection or damaging of fauna and flora. (d) Financial provisions for the management and upkeep of the conservation area. Note: The CMP should be incorporated in the constitution of estate's Homeowners Association (HOA).	
23. Should any heritage remains be exposed during excavations or any other actions on the site(s), these must immediately be reported to the Provincial Heritage Resources Authority of the Western Cape, Heritage Western Cape. Heritage remains uncovered or disturbed during earthworks must not be further disturbed until the necessary approval has been obtained from Heritage Western Cape. Heritage remains may only be disturbed by a suitably qualified heritage specialist working under a directive from the relevant Heritage Resources Authority. Heritage remains include meteorites, archaeological and/or paleontological remains (including fossil shells and trace fossils); coins; indigenous and/or colonial ceramics; any articles of value or antiquity; marine shell heaps; stone artefacts and bone remains; structures and other built features with heritage significance; rock art and rock engravings; shipwrecks; and/or graves or unmarked human burials including grave goods and/or associated burial material.	Condition to note

2. CONCLUSION

Construction of the first (sales) phase commenced in February 2024. Construction site camp was set up on a future erf as agreed by the developer and ECO. The establishment of the site office is still ongoing. Plant search and rescue is ongoing as work progresses. No-go demarcation of the southern no-go area was pegged with painted wooden pegs as per Site Instruction 001 in accordance with Section 6.2.4 of the EMPr. The contractor has added sandbags at the base of the southern side slope of the subsoil stockpile. Dust suppression (water spraying) is ongoing. The sewer pipes are busy being installed. The civil construction is ongoing and the building platforms in (sales) phases 1 and 2 have been pegged out. The construction of the houses will commence in due course. The topsoil and subsoil stockpiles need to be clearly demarcated to avoid accidental contamination – no contamination issues noted during this reporting period.

The contractor and developer are compliant with the EMPr and EA requirements/conditions.

A Part 1 amendment application has been submitted to document the minor changes required to the SDP to incorporate the planning approval.