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## ENVIRONMENTAL MONITORING REPORT NO. 13

### FOR

### Springfield Estates on Portion 53 of Farm 195, George



|               |                        |
|---------------|------------------------|
| Compiled by   | HillLand Environmental |
| Reference     | GEO25/1134/36          |
| Report Period | March 2025             |

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**PORTION 53 OF THE FARM KRAAIBOSCH 195, GEORGE  
ENVIRONMENTAL MONITORING REPORT NO 13**

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| Submitted to: | J Rodrigues – Springfield Estates<br>J Hough – SMEC South Africa<br>C van den Berg - Ruwacou |
| Copies to:    | DEADP - George                                                                               |

**HillLand Environmental Internal review process:****Report compiled by:** Inge Delport & Stefan Delport– HillLand Environmental**Reviewed by:** Stefan Delport – HillLand Environmental

## **Environmental Monitoring Report No. 13**

HillLand Environmental, the appointed Environmental Control Officer (ECO) compiled this report as the environmental monitoring report (**No.13**). This report monitors compliance against the Environmental Management Plan (Ref.: GEO23.1134.20) and constitutes the **13<sup>th</sup>** Environmental Monitoring Report and covers inspections done during **March 2025** for the construction of Springfield Estates, 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 took place in accordance with the EA (16/3/3/1/D2/19/0007/23) and Addendum to EA (16/3/3/5/D2/19/0008/24) dated 19 June 2024.

Environmental induction was done with all staff on site in March and April 2024 – no new environmental inductions were done during this reporting period.

Plant search and rescue is to be done as vegetation clearing progresses – ongoing.

Civil services installation of phase 1 and 2 is complete and snag period is in progress. Housing construction in progress and snag in process. Landscaping is done when the houses are complete.

Road works for the main entrance road (Road 3) between Glenwood Ave and the entrance is complete and snag period 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 covers the construction of the road as well.

ECO monitoring during **March 2025**:

| Date:         | Comment:        |
|---------------|-----------------|
| 6 March 2025  | Site inspection |
| 14 March 2025 | Site inspection |
| 19 March 2025 | Site inspection |
| 26 March 2025 | Site inspection |

## CONSTRUCTION PHASE MONITORING CHECKLIST

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

| Construction Site Camp                                                             |     |    |     |                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------|-----|----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                                                                               | Yes | No | N/A | Comments                                                                                                                                                                                                                                                                                                                    |
| The area of the site camp must be approved by the ECO.                             | Yes |    |     | <p>Position of the site camp (on a future erf) was agreed by the ECO, engineer and developer.</p> <p>The contractor is busy dismantling the site camp. Note that the full area must be rehabilitated.</p>                                 |
| Ablution facilities are to be provided prior to commencement of activities.        | Yes |    |     | Sufficient portable toilet facilities are on site – contractor to ensure that the facilities are serviced regularly.                                                                                                                                                                                                        |
| A dedicated area must be created in the site camp for refuse and waste management. | Yes |    |     | <p>General waste bin is in the site camp and waste skips/bins are available in the construction area. Large bags placed around the construction area are used for storing all cement bags.</p> <p>Ongoing litter picking required.</p>  |
| 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 during this reporting period.                                                                                                                                                                                                                                                                                    |

| Environmental Induction                                                                                                                                        |     |    |     |                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                                                                                                                                                           | Yes | No | N/A | Comments                                                                                                                                                                                                                                                                               |
| All civil construction and building staff must be briefed by the ECO / DEO in an environmental education programme prior to any activities commencing on site. | Yes |    |     | <p>Environmental induction was done in March 2024 and April 2024 (ECO).</p> <p>Environmental topics are to be included in the regular toolbox talk sessions (DEO).</p> <p>No new environmental induction sessions were held during this reporting period.</p> <p>Ongoing reminder.</p> |
| 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 |    |     | <p>Discussed during environmental induction.</p> <p>No-Go area (wetland buffer) has been demarcated with wooden pegs.</p>                                                                         |

| Stormwater Management                                                                               |     |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------|-----|----|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                                                                                                | Yes | No | N/A | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Stormwater generated on site should be managed according to Sustainable Drainage System principles. | Yes | No |     | <p>Stormwater detention as per engineering design taking the SuDS principles into account (first phase done).</p> <p>The temporary stormwater outlets must have suitable silt and/or erosion protection to prevent uncontrolled silt movement into the Road 3 and development area, respectively.</p> <p>The temporary stormwater outlets must be monitored and silt fences fixed as and when required.</p> <p>Camelia Ave – temporary stormwater outlet requires silt fences.</p> <div><p>Network:26 Mar 2025 at 15:42:32 SAST<br/>S 33° 58' 35.174" E<br/>196° S<br/>Providence Drive<br/>George<br/>Western Cape<br/>6629<br/>Reman, G. 1134/36<br/>Hilland Environmental</p></div> <p>Road 3</p> <div><p>Network:26 Mar 2025 at 15:42:32 SAST<br/>S 33° 58' 33.789" E 22° 30' 20.006"<br/>196° S<br/>Providence Drive<br/>George<br/>Western Cape<br/>6629<br/>Reman, G. 1134/36<br/>Hilland Environmental</p></div> <p>Camelia Ave</p> |

|                                                                                                                                       |            |           |     |  <p>Network: 25011134/36 S 1237.04 EAST<br/>S 33° 58' 14.41" E 240.00 15.749"<br/>Custom Land<br/>Parcel<br/>Remark: Springfield<br/>MHLand Environmental</p> <p>Jasmine Ave</p>                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Silt fences, sandbags or berms must be used to limit runoff during construction.                                                      | <b>Yes</b> | <b>No</b> |     | Silt fence or sandbags to be installed at the stormwater outlets of phase 1 and road 3 and Camilia Ave. temporary outlet.                                                                                                                                                                                                                                   |
| Buffer Zones                                                                                                                          |            |           |     |                                                                                                                                                                                                                                                                                                                                                             |
| Item                                                                                                                                  | Yes        | No        | N/A | Comments                                                                                                                                                                                                                                                                                                                                                    |
| Buffers are No-Go areas.                                                                                                              | <b>Yes</b> |           |     | The no-go area (including the buffer area) is demarcated with painted wooden pegs. No encroachment noted.                                                                                                                                                                                                                                                   |
| Buffers must be clearly demarcated.                                                                                                   | <b>Yes</b> |           |     | The no-go area (including the buffer area) is demarcated with painted wooden pegs.                                                                                                                                                                                                                                                                          |
| No construction activities may occur within the buffer zone.                                                                          | <b>Yes</b> |           |     | No construction activity within the buffer area.                                                                                                                                                                                                                                                                                                            |
| No materials may be stockpiled within the buffer area.                                                                                | <b>Yes</b> |           |     | <p>No construction material stockpiled within the buffer.</p> <p>The subsoil and topsoil stockpiles are located on future erven, which will have to be demarcated (signs/netting/pegs).</p>  <p>Google Earth image of the stockpile area (future development zone).</p> |
| Fauna and Flora                                                                                                                       |            |           |     |                                                                                                                                                                                                                                                                                                                                                             |
| Item                                                                                                                                  | Yes        | No        | N/A | Comments                                                                                                                                                                                                                                                                                                                                                    |
| Plant rescue must be undertaken prior to the commencement of any clearing activities on-site or in a phase.                           | <b>Yes</b> | <b>No</b> |     | <p>Bulb rescue in advance of vegetation clearing. The development zone mainly consists of grass, therefore limited plants to rescue.</p> <p>No - plant rescue was not done in the area where the subsoil is stockpiled.</p>                                                                                                                                 |
| Rescue plants must be collected and stored in the on-site nursery or be directly replanted into the rehabilitation zone.              |            | <b>No</b> |     | <p><b>Unsure</b> where the initial rescued bulbs were taken as the area is now part of phase 2 development area.</p> <p>The site mainly consisted of grass – limited plant rescue.</p>                                                                                                                                                                      |
| 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. | <b>Yes</b> |           |     | Ongoing, plant rescue, and mowing is to be done in sections just before construction commences in that specific section – none required during this reporting period.                                                                                                                                                                                       |
| Vegetation must only be cleared in the immediate working area for any activity.                                                       | <b>Yes</b> |           |     | Phase 1 and 2 – civil services and house construction vegetation clearing done.                                                                                                                                                                                                                                                                             |

| If any endangered or protected plant species are discovered during vegetation clearance, they may not be removed without the relevant permit and licensing.                                                   |         |    | N/A | No endangered/ protected plants have been found in phase 1 and 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The removal, damage or disturbance of animals must be avoided.                                                                                                                                                | Yes     |    |     | Nothing reported to the ECO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Soil Protection                                                                                                                                                                                               |         |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Item                                                                                                                                                                                                          | Yes     | No | N/A | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Before work commences all topsoil from construction site must be stripped and stored.                                                                                                                         | Yes     | No |     | Dedicated topsoil stockpile near the subsoil stockpile on a future development erf. It is important that the topsoil stockpile must be protected against contamination from subsoil (and building rubble).<br><br><b>Topsoil of the stockpile area was not rescued prior to stockpiling (on future erven).</b>                                                                                                                                                                                                                                                                         |
| The topsoil stockpile may not be contaminated with any building materials or subsoil, and it must be protected against wind and water erosion.                                                                | Yes     | No |     | Topsoil stockpile has vegetation cover – <b>note that invasive alien plants must not be allowed to grow on the stockpiles.</b><br><br>Topsoil is to be kept separate at all times to prevent contamination.<br><br><b>Topsoil and subsoil demarcation to be implemented and maintained.</b><br><br><b>The building rubble stockpile near/on the subsoil and topsoil stockpile must be removed.</b>                                                                                                                                                                                     |
| 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.                     | Ongoing |    |     | Ongoing – there is still a short section of the main sewer line that will need to be rehabilitated with topsoil cover (in process).<br><br>                                                                                                                                                                                                                                                                                                                                                        |
| 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 (erven).<br><br>Stockpile signs must be installed and maintained to prevent accidental contamination – refer to waste management notes above.<br>All earthworks materials that are not going to be used must be removed from the site. The material that will be used at a later stage, must:<br><ul style="list-style-type: none"> <li>Have sufficient silt protection at the low points to prevent silt movement into undisturbed areas.</li> <li>Be kept free from invasive alien plants (<i>Datura</i>, black wattle etc.)</li> </ul> |

|                                                                                                                                                                   |         |    |     |                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                                                                         |
| Working Sites                                                                                                                                                     |         |    |     |                                                                                                                                                                |
| Item                                                                                                                                                              | Yes     | No | N/A | Comments                                                                                                                                                       |
| The working zone must be demarcated, and all activities must be restricted to the demarcated working zone.                                                        | Yes     |    |     | Working zone has been pegged by the surveyor with wooden pegs within the development zone.                                                                     |
| The total footprint of a building phase should be demarcated with 1.5 m high shade cloth.                                                                         | Yes     |    |     | Sales phase 1 & 2 - The entirety of Sales Phase 1 has been demarcated with shade cloth fencing and permanent fencing.                                          |
| 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. May only be 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     |    |     | All staff remain in sales phase 1 and 2.<br><br>No-go demarcation has been installed, south of the development – refer to SI 001 (February 2024).              |
| Fire Protection                                                                                                                                                   |         |    |     |                                                                                                                                                                |
| Item                                                                                                                                                              | Yes     | No | N/A | 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 | N/A | Comments                                                                                                                                                       |
| The contractor must ensure that there are sufficient waste disposal facilities (bins/skids etc.) on site.                                                         | Ongoing |    |     | Bins at the site office and on site – ongoing litter picking to be done.                                                                                       |
| Recycling bins must be provided and clearly labelled.                                                                                                             | Ongoing |    |     | Currently only at the site camp.                                                                                                                               |

| All waste must be disposed of at suitable facilities. No dumping on or off site is permitted.                 |     | No |     | <p><b>There are still piles of dumped rubble near the stockpiling area and must be removed.</b></p>  <p>10/02/2025 at 15:13:21 SAST<br/>33° 57' 39.080" E 22° 30' 18.935" S<br/>293.15M<br/>Rivoliwale Drive<br/>Coastal<br/>Western Cape<br/>65232<br/>Riverside Springfield<br/>WHLand Environmental</p>                                                                                     |
|---------------------------------------------------------------------------------------------------------------|-----|----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | No |     | <p><b>No - The building rubble near the subsoil and topsoil stockpile must be removed.</b></p> <p>Yes - There are small dedicated temporary stockpiles within the development zone that is to be disposed of at the municipal waste disposal facility.</p>  <p>Hilland Environmental<br/>Springfield<br/>06/02/2025 12:51<br/>33°57'617, 22°50'45S<br/>14 Montague Pass St, George<br/>NE</p> |
| Concrete and Cement Works                                                                                     |     |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Item                                                                                                          | Yes | No | N/A | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| No concrete mixing within 50 m of the top of the slope leading to the Moddergug River.                        | Yes |    |     | Sales phase 1 & 2 - Concrete mixing is only occurring for the current construction site which is in the northern section of the property and more than 50m away from the Moddergug river.                                                                                                                                                                                                                                                                                        |
| Any concrete batching plant areas are to be approved by the ECO prior to utilisation.                         | Yes |    |     | <b>Yes</b> – house construction concrete batching is occurring on development areas and in non-permeable surfaces/containers such as wheelbarrows.                                                                                                                                                                                                                                                                                                                               |
| No ready-mix trucks are permitted to rinse their tanks on site or along the access roads.                     | Yes |    |     | No non-compliance noted during this reporting period.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Mixing areas must be bunded.                                                                                  | Yes |    |     | No non-compliance noted during this reporting period.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Contaminated soil must be disposed of at the municipal waste disposal site.                                   |     |    |     | Ongoing – important to have done before the contractor leaves the site (end of construction).                                                                                                                                                                                                                                                                                                                                                                                    |
| Cement water may not enter any open space or water body.                                                      | Yes |    |     | No cement water contaminated any open space or water body during this reporting period.                                                                                                                                                                                                                                                                                                                                                                                          |
| Noise and Dust Management                                                                                     |     |    |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Item                                                                                                          | Yes | No | N/A | Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Construction work needs to be limited to normal working hours.                                                | Yes |    |     | No issues reported to the ECO during this reporting period.                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 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 when required.                                                                                                                                                                                                                                                                                                                                                                                      |

| Rehabilitation                                                                                              |         |    |     |                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------|---------|----|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item                                                                                                        | Yes     | No | N/A | 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.                 | Ongoing |    |     | <p>Landscaping of private gardens has commenced.</p>  <p>Sewer line rehabilitation in process.</p>  <p>Road verges Jasmine Ave still to be completed (currently busy with paving).</p> |
| Compacted topsoil must be raked loose.                                                                      | Ongoing |    |     | See note regarding sewer line above.                                                                                                                                                                                                                                                                                                                        |
| The riparian corridor will be rehabilitated back to indigenous vegetation.                                  |         |    |     | The developer can start with the rehabilitation of the riparian corridor.                                                                                                                                                                                                                                                                                   |
| The topsoil stockpile must be used for rehabilitation and landscaping.                                      | Ongoing |    |     | Ongoing as sections are completed.                                                                                                                                                                                                                                                                                                                          |

### 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 <b>30 November 2033</b> (validity period), during which period the Holder must ensure that the—<br>(a) physical implementation of all the authorised listed activities, including the installation of bulk services and the | All activities need to be concluded by <b>30 November 2033</b> , including rehabilitation. |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                |
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| <p>construction of the top structures, is started with and concluded at the site;</p> <p>(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;</p> <p>(c) post construction rehabilitation and monitoring requirements is undertaken and completed at the site; and</p> <p>(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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                |
| <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Rehabilitation to be completed 3 months after construction has been completed.</p>                                          |
| <p>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.</p> <p>This Environmental Authorisation is only for the implementation of the Preferred Alternative which entails:</p> <p>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.</p> <p><b>The specific details of the proposed development on the property comprises of the following:</b><br/> <b>239 General Residential Zone II erven;</b></p> <ul style="list-style-type: none"> <li>• <b>Internal roads;</b></li> <li>• <b>Clubhouse;</b></li> <li>• <b>Gatehouse;</b></li> <li>• <b>Refuse area, and;</b></li> <li>• <b>Internal open space areas to be used for recreational activities/infrastructure.</b></li> </ul> <p><b>The development must be implemented in accordance with the Subdivision Plan (Drawing No: Zon195-53-2023; Project No: 491/G22; Date: October 2023) developed by Marlize de Bruyn Planning.</b></p> | <p>Addendum EA was issued on 19 June 2024 and the specific detail as per the addendum EA added to the checklist (in bold).</p> |
| <p>4. This Environmental Authorisation may only be implemented in accordance with an approved Environmental Management Programme ("EMPr").</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>The EMPr submitted with the final BAR is <b>approved</b> – refer to condition 10.</p>                                       |
| <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>Condition to note.</p>                                                                                                      |
| <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>Condition to note – any changes need to be approved by DEADP before commencement.</p>                                       |
| <p><b>Notification and administration of appeal</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                |
| <p>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&amp;APs") of – 7.1.1. the decision reached on the application;</p> <p>7.1.2. the reasons for the decision as included in Annexure 3;</p> <p>7.1.3. the date of the decision; and</p> <p>7.1.4. the date when the decision was issued.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>Done on the 26<sup>th</sup> October 2023.</p>                                                                               |

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| <p>7.2. draw the attention of all registered I&amp;APs to the fact that an appeal may be lodged against the decision in terms of the National Appeal Regulations, 2014 (as amended) detailed in Section G below;</p> <p>7.3. draw the attention of all registered I&amp;APs to the manner in which they may access the decision;</p> <p>7.4. provide the registered I&amp;APs with the: 7.4.1. name of the Holder (entity) of this Environmental Authorisation,<br/>7.4.2. name of the responsible person for this Environmental Authorisation,</p> <p>7.4.3. postal address of the Holder,<br/>7.4.4. telephonic and fax details of the Holder,<br/>7.4.5. e-mail address, if any, of the Holder,<br/>7.4.6. contact details (postal and/or physical address, contact number, facsimile and e-mail address) of the decision-maker and all registered I&amp;APs in the event that an appeal is lodged in terms of the 2014 National Appeals Regulations (as amended).</p> <p>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&amp;APs of this decision.</p> <p>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.</p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p><b>Written notice to the Competent Authority</b></p> <p>8. Seven calendar days' notice, in writing, must be given to the Competent Authority before commencement of any activities.</p> <p>8.1. The notice must make clear reference to the site details and EIA Reference number given above.</p> <p>8.2. The notice must also include proof of compliance with the following conditions described herein: <b>Conditions no.: 7, 10 and 12.</b></p> <p>9. Seven calendar days' written notice must be given to the Competent Authority on completion of the construction activities.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>Done on the 25<sup>th</sup> January 2024.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p><b>Management of activity</b></p> <p>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 —</p> <p>10.1.1. Incorporate all the conditions given in this Environmental Authorisation;</p> <p>10.1.2. Include the auditing schedule as set out by this Environmental Authorisation.</p> <p>11. The EMPr must be included in all contract documentation for all phases of implementation.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>Submitted to DEADP (25th January 2024).</p> <p>It was confirmed that the EA and EMPr were part of the contract document.</p> <div data-bbox="810 1429 1355 1541"> <p><b>12.0 - ENVIRONMENTAL COMPLIANCE</b></p> <p>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.</p> </div> <p>Site meeting #2 minutes</p> |
| <p><b>Monitoring</b></p> <p>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.</p> <p>13. The ECO must—</p> <p>13.1. be appointed prior to commencement of any works (i.e. removal and movement of soil);</p> <p>13.2. ensure compliance with the EMPr and the conditions contained herein;</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p>HillLand Environmental is the appointed ECO.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

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| <p>13.3. keep record of all activities on the site; problems identified; transgressions noted, and a task schedule of tasks undertaken by the ECO;</p> <p>13.4. remain employed until all development activities are concluded, and the post construction rehabilitation and monitoring requirements are finalised; and</p> <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                 |
| <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>EA and EMPr are part of the contract documents.</p> <p>To be kept in the environmental file on site.</p>                                                                                                                                                     |
| <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>Condition to note.</p>                                                                                                                                                                                                                                       |
| <b>Environmental Auditing</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                 |
| <p>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.</p> <p>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):</p> <p>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.</p> <p>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.</p> <p>18. The Environmental Audit Report(s), must–</p> <p>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;</p> <p>18.2. provide verifiable findings, in a structured and systematic manner, on–</p> <p>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</p> <p>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.</p> <p>18.3. identify and assess any new impacts and risks as a result of undertaking the activity;</p> <p>18.4. evaluate the effectiveness of the EMPr;</p> <p>18.5. identify shortcomings in the EMPr;</p> <p>18.6. identify the need for any changes to the avoidance, management and mitigation measures provided for in the EMPr;</p> | <p>Auditing requirements – note that as HillLand Environmental undertook the assessment and ECO duties, HillLand Environmental cannot be the auditor – an independent auditor must be appointed – ECO to assist.</p> <p>First External Audit required 2025.</p> |

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| <p>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;</p> <p>18.8. indicate the date on which the maintenance/ rehabilitation was commenced with and the progress of the rehabilitation;</p> <p>18.9. include a photographic record of the site(s) applicable to the audit; and</p> <p>18.10. be informed by the ECO reports.</p> <p>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&amp;APs of the submission and make the report available to anyone on request and on a publicly accessible website (if applicable).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                |
| <b>Specific Conditions</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                |
| <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>No-Go demarcation to remain in place during construction phase - compliant.<br/>The 30m development setback boundary from the edge of the Modderrugriver is maintained.</p> |
| <p>21. The Stormwater Management Plan developed by SMEC, dated 17 May 2023, must be implemented on the site.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>To be implemented as the construction of the phases (sales) continue.</p>                                                                                                   |
| <p>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—</p> <p>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.</p> <p>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.</p> <p>22.3. No fencing may cross the river and the fencing must be restricted to the residential area.</p> <p>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.</p> <p>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.</p> <p>Such CMP must address and / or incorporate the following—</p> <p>(a) No planting except for rehabilitation in terms of an approved management plan.</p> <p>(b) The corridor must remain linked to form a green belt with adjacent properties with open space areas.</p> <p>(c) No collection or damaging of fauna and flora.</p> <p>(d) Financial provisions for the management and upkeep of the conservation area.</p> <p><b>Note:</b> The CMP should be incorporated in the constitution of estate's Homeowners Association (HOA).</p> | <p>Conditions to note for what may and may not be done within the open space adjacent to the river.</p>                                                                        |
| <p>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.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>Condition to note.</p>                                                                                                                                                      |

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| 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. |  |
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## CONCLUSION

Construction site camp was set up on a future erf as agreed by the developer and the ECO and is currently in the process of being dismantled. No-Go demarcation of the southern no-go area remains in place. The installation of the main sewer line is complete, and final rehabilitation is in process.

Silt fence and/or erosion protection must be installed at the temporary stormwater outlets south of the sales phase 1 development and Road 3.

Civil services installation of phase 1 and 2 is complete and snag period is in progress. Housing construction of phase 1 is near completion. Landscaping is done when the houses are complete.

Continuous invasive alien clearing needs to be implemented throughout the construction site and stockpiles (civil contractor and developer responsibility).