



Hilland Environmental

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MOS24/1291/02
15 February 2024

Attention: Jessica Christie – Department of Environmental Affairs and Development Planning (DEA&DP)

Jessica.Christie@westerncape.gov.za

RE: CONSTRUCTION PHASE EXCAVATION MATERIAL STOCKPILE AREA METHOD STATEMENT FOR THE UPGRADE OF THE EXISTING PINNACLE POINT WWTW

In accordance with the EMPr (dated June 2023, compiled by Cornerstone) and Environmental Authorisation (ref: 16/3/3/1/D6/29/0014/23; dated: 31 October 2023) and specific reference to **section 9.2.1** of the EMPr:

"2.1 The specific location for the establishment of a construction site, temporary construction camp for the storage of materials, containers, ablution facilities, vehicle turning area, etc. shall be identified in consultation with the ECO, and shall be clearly demarcated, as and where appropriate.

2.2 Stockpiling of both natural and manufactured materials shall be restricted to the permanent and temporary stockpile areas identified by the Project Manager / Consulting Engineer and the ECO.

2.3 Activities shall be undertaken on previously cleared areas where possible. Vegetation removal shall be kept to the minimum and as indicated."

And **condition 20** of the Environmental Authorisation:

*"20. The physical alteration of the portion of the **Remainder of Erf No. 15390**, Mossel Bay, must be restricted to "the site" as depicted on the SDP in Annexure 2.*

*20.1. **No vegetation or land may be disturbed outside the perimeter of the site, unless such activities are authorised by the competent authority.***

20.2. Prior to the commencement of the physical implementation of any activities, the site must be clearly demarcated, preferably fenced-off."

Due to the limited space available within the existing Wastewater Treatment Works (WWTW) (area in **green** on the image below) and having already exhausted the available space (areas in **orange** on the image below), a previously disturbed area has been identified on **Remainder of Erf 2001**, Mossel Bay (area in **red** on the image below) as a suitable temporary stockpile site for the excavated "natural" material, until it can be used for backfilling on as construction progresses. The stockpile site is therefore not in contradiction with Condition 20 of the EA as it is located on the adjacent Erf (RE/2001).

It is anticipated that approximately 9 000 m³ of excavated material from the bulk excavations for the new works will be stockpiled on the identified area (in red) which is approximately 3200m² and consists mainly of kikuyu grass. The material is to be stockpiled for the duration of the construction phase (expected completion date is April 2025) and will be used for backfilling as the new works proceeds.

Access is to be gained from the existing access track as indicated in red below.



Red = proposed temporary stockpile site and access, Orange = stockpile sites already used and at capacity within the facility in accordance with the EA, Green = existing facility, White = new expansion as per the EA.



Proposed stockpile site – kikuyu grass





Outer edge to be avoided – *Searsia sp.*

Procedure to be followed:

- Demarcate the identified stockpile site and existing access track with painted wooden pegs.
- Strip the topsoil (and kikuyu grass) and stockpile in a windrow on the outer edge of the identified area to double as a silt trap.
- Stockpile the excavated soil.
- Maintain the stockpile site free from any listed invasive alien plants.
- Re-use the material for backfilling as construction progresses at the new works.
- Remove/dispose of any excess material to an approved spoil site.
- Respread the rescued topsoil and remove the demarcation
- Ensure the area is revegetated (anticipate that the kikuyu will regrow without much effort required).

Taking the above into consideration and the attached method statement from the consulting engineer and the ECO site inspection with the consulting engineer and contractor on the 8th of February 2024, this method statement is submitted to the Department of Environmental Affairs and Development Planning (DEA&DP) to consider for approval in terms of condition 20.1 above and to allow the contractor to stockpile the excavated material at the proposed site.

The ECO and consulting engineer will monitor compliance with this method statement.

Please do not hesitate to contact us if you have any questions or require any additional information.

Kind regards,



Stefan Delport

For HillLand Environmental

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