

20 March 2019

**NOTIFICATION OF FIRST PUBLIC PARTICIPATION PERIOD:
22 March 2019 – 26 April 2019**

GNEC Code: 20512

DEA&DP REF: 16/3/3/6/7/1/B3/28/1033/19

Dear Interested and Affected Party

NOTIFICATION OF START OF THE FIRST PUBLIC PARTICIPATION PERIOD FOR THE PROPOSED CONSTRUCTION OF A SEDIMENT TRAP WITHIN THE MALANS STREAM ON ERF 26055 AS PART OF THE BOSCHENMEER GOLF ESTATE, PAARL, WESTERN CAPE.

Boschenmeer Golf Estate otherwise known as Paarl Golf Club is situated on the outskirts of Paarl approximately 1km east of Paarl Mall and immediately south of the N1. The estate is established in a north to south direction, west of the R301 (Wemmershoek Road) from Paarl to Franschoek. The site is situated between the Berg River, bordering the site to the west, and the R301. The Malans Stream, local name given to the watercourse, enters Boschenmeer Golf Estate from the east of the estate through a culvert underneath the R301 (Wemmershoek Road).

The Paarl Golf Club is experiencing continuous sediment transportation onto their property, limiting the storage capacity of their instream irrigation storage dam especially during the winter rainfall months. The Malans Stream transporting the sediment originates on the eastern side of the R301 (Wemmershoek Road) from Paarl to Franschoek flowing underneath the road through a culvert onto the Boschenmeer Estate (Golf Club property) on the western side of the R301. The Malans Stream flows along the 25th hole and then crosses the fairway as well as a residential road bridge before it discharges into the irrigation storage dam. The irrigation storage dam overflows into Wateruintjiesvlei, which acts as emergency storage water for irrigation. There is an existing pipeline from Wateruintjiesvlei back to the irrigation storage dam to pump water into the irrigation dam when the water level drops to critical levels. The Malans Stream conveys water during the rainy season from the surrounding mountain range to the east of the Estate, through the Estate into the Berg River. Most of sediment transported by the Malans Stream

settles at the road bridge on the western side of the 25th hole's green, which is also at the inflow of the instream irrigation storage dam. The sediment subsequently reduces the capacity of the culverts underneath the residential road bridge which can lead to flood damage of the neighbouring properties. Furthermore it reduces the capacity of the instream irrigation storage dam which could result in irrigation constraints for the golf course.

The Paarl Golf Club seeks a solution to limit the sediment accumulation on their property, to reduce the risk of flooding at the residential road bridge as well as to ensure that they do not run out of irrigation storage capacity. The Paarl Golf Club approached Consulting Engineers to advise on the way forward and to reach a solution for their abovementioned difficulties. The Consulting Engineers came up with the possible solution to construct a sediment trap upstream of the residential road bridge and irrigation storage dam. The proposed location of the proposed sediment trap is within the Malans Stream on Erf 26055, as part of Boschenmeer Estate, immediately west of the culvert underneath the R301. The sediment trap intends to create a localised depression below the current watercourse bed level where sediment is intended to be settled. Stormwater velocities would then be slowed down in the basin which encourages the settling of transported materials. Although the exact footprint of the sediment trap is not available at the moment due to specialist studies that must be done further upstream, the footprint of the proposed sediment trap at this moment is approximately 130m².

Guillaume Nel Environmental Consultants (GNEC) has been appointed by Paarl Golf Club (NPC) to facilitate the Environmental Impact Assessment (EIA) process for the proposed construction of the sediment trap within the Malans Stream on Erf 26055, Paarl as part of the Boschenmeer Golf Estate. The proposed property, Erf 26055, is 2.62 ha in size, with the entire Boschenmeer Golf Estate approximately 124 ha in size and falls under the jurisdiction of the Drakenstein Municipality.

Taking the above-mentioned proposal of the proposed sediment trap into account, the following legislation was considered:

Government Notice No. R.983 of 2014 (as amended 7 April 2017):

Activity 12

The development of –

- (i) Dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or
- (ii) Infrastructure or structures with a physical footprint of 100 square metres or more;
where such development occurs –
 - (a) within a watercourse;
 - (b) in front of a development setback; or
 - (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse; -

excluding

- (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour;
- (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 of Listing Notice 2 of 2014 applies;
- (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies;
- (dd) where such development occurs within an urban area;
- (ee) where such development occurs within existing roads, road reserves or railway line reserves; or
- (ff) the development of temporary infrastructure or structures where such infrastructure or structures will be removed within 6 weeks of the commencement of development and where indigenous vegetation will not be cleared.

Activity 19

The infilling or depositing of any material of more than 10 cubic metres into, or the dredging, excavation, removal or moving of soil, sand, shells, shell grit, pebbles or rock of more than 10 cubic metres from a watercourse;

but excluding where such infilling, depositing, dredging, excavation, removal or moving –

- (a) will occur behind a development setback;
- (b) is for maintenance purposes undertaken in accordance with a maintenance management plan;
- (c) falls within the ambit of activity 21 in this Notice, in which case that activity applies;
- (d) occurs within existing ports or harbours that will not increase the development footprint of the port or harbour; or
- (e) where such development is related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies.

The aim of this EIA process is to ensure that:

- Public participation will be conducted, i.e. to afford stakeholders and/or the community sufficient opportunity to provide comment on the proposed development; and
- Sufficient information is submitted herewith to decision-makers to support an informed decision-making process.

The Public Participation Process will run from the **22nd of March 2019 until the 26th of April 2019.**

A hardcopy of the first Draft Basic Assessment Report will be available at the Paarl public library (1 Market Street, Paarl) and an electronic copy will also be available on GNEC's website (www.gnec.co.za) from 22 of March 2019 for any additional information pertaining to the proposed sediment trap.

Should you have any queries, please feel free to contact me at:

Tel: (021) 870 1874

Fax: (021) 870 1873

E-mail: divan@gnec.co.za

Yours sincerely

Divan Opperman

For GNEC

Guillaume Nel 
environmental consultants

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