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**Compliance Monitoring Report: Boreholes on Portion 9 and 19 of  
Farm 170, Gamtoosberg.**

**For:**

**BOCMA – Compliance Monitoring and Enforcement**

**By:**

**Confluent Environmental**

**November 2023**



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## 1. INTRODUCTION

This report provides records of monitoring of abstraction of water on three boreholes (KBH02, KBH03 AND KBH04) as per the response to the pre-directive (Reference No.: 4/9/2/J35B/KELLERSHOOGTE 172/4, OUDTSHOORN) which was provided on the 15<sup>th</sup> of June 2021.

The location of each borehole is indicated in Figure 1. Boreholes KBH02 and KBH03 are two new boreholes. Boreholes are located on Portion 9 and 19 of Farm 170 Gamtoosberg, both of which are included in title deed T3542/2020.



Figure 1: Map showing location of boreholes.

### 1.1 Registered Water Use

The Title Deed Number for the properties is T3542/2020. Water uses registered for this property were registered under the previous Title Deed number for the property (T62604/1995) and include the following uses:

- a. Abstraction 105 000 m<sup>3</sup> per annum from the Kandelaars River
- b. Abstraction of 22 500 m<sup>3</sup> per annum from the Kandelaars River
- c. Abstraction of 19 500 m<sup>3</sup> from existing boreholes.

Total registered abstraction volumes for all properties is therefore 147 000 m<sup>3</sup>. The condition with the BOCMA (BGCMA at the time) for continuing to abstract water from the boreholes was

that the volume of abstraction must not exceed to the total registered volume (of 147 000 m<sup>3</sup>) for the property.

## 2. METER READINGS

Meters were installed on all boreholes (except KBH01 – which is dry) in April 2021. Cumulative volumes abstracted from each borehole up until November 2023 are provided in Table 1.

The total cumulative abstraction from all three boreholes up until November 2023 (*which covers a period of 2 and a half years*) is 106 674 m<sup>3</sup>. This is well within the registered volumes for taking for the properties included in T3542/2020 *for a single year* (which is 147 000 m<sup>3</sup>). The landowner is therefore compliant with the conditions agreed upon with the BOCMA.

Proof of meter readings for November 2023 is provided in Figure 2 to Figure 4.

Table 1: Total measured volumes (m<sup>3</sup>) at boreholes KBH02, -03 and -04 (from April 2021 to November 2023).

Borehole	Volume (m <sup>3</sup> )	Date
KBH02	7066	3 November 2023
KBH03	86226	3 November 2023
KBH04	13382	3 November 2023
<b>TOTAL</b>	<b>106 674</b>	



Figure 2: KBH02



Figure 3: KBH03

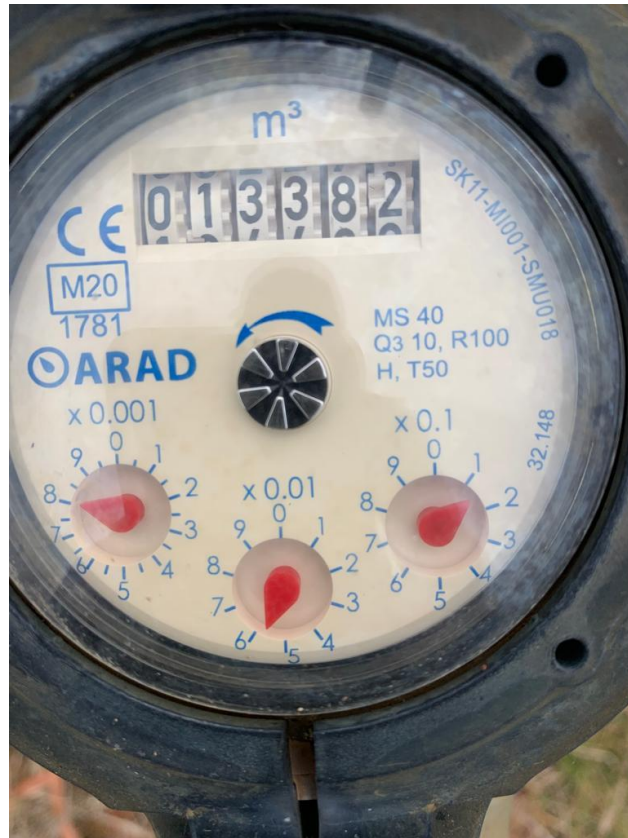


Figure 4: KBH04