

## ANNUAL STAKEHOLDER ENVIRONMENTAL SUMMARY NOTIFICATION: STUART COAL (PTY) LTD – PERIOD FEBRUARY 2021 – FEBRUARY 2022

### 1. Background

Stuart Coal (Pty) Ltd is an active coal mining company which has three approved and operational mines near Delmas in the Mpumalanga Province. These are the Weltevreden Colliery, the East Block Colliery and the South Block Colliery. These mines operate in terms of the following authorisations:

- **Weltevreden Colliery:**

- Mining Rights in terms of the Mineral and Petroleum Resource Development Act, 2002 (Act no 28 of 2002): 10155MR (formerly (MP)30/5/1/2/2/218MR).
- Mining Rights in terms of the Mineral and Petroleum Resource Development Act, 2002 (Act no 28 of 2002): 10156MR (formerly (MP)30/5/1/2/2/219MR).
- Water Use Licence in terms of the National Water Act, 1998 (Act no 36 of 1998): 04/B20A/AGJ/1822.
- Permit in terms of Section 21(1)(a) of the Water Act, 1956 (Act 54 of 1956): 16/2/7/B200/C11E1

- **East Block Colliery:**

- Mining Rights in terms of the Mineral and Petroleum Resource Development Act, 2002 (Act no 28 of 2002): (MP)30/5/1/2/2/16MR.
- Water Use Licence in terms of the National Water Act, 1998 (Act no 36 of 1998): 04/B20A/AGJ/1822.

- **South Block Colliery:**

- Mining Rights in terms of the Mineral and Petroleum Resource Development Act, 2002 (Act no 28 of 2002): (MP)30/5/1/2/3/2/1/444MR.
- Water Use Licence in terms of the National Water Act, 1998 (Act no 36 of 1998): 06/B20A/IBJCG/6424 (as amended).
- Environmental Authorisation in terms of the National Environmental Management Act, 1998 (Act no 107 of 1998): MPP/EIA/14047/2011.

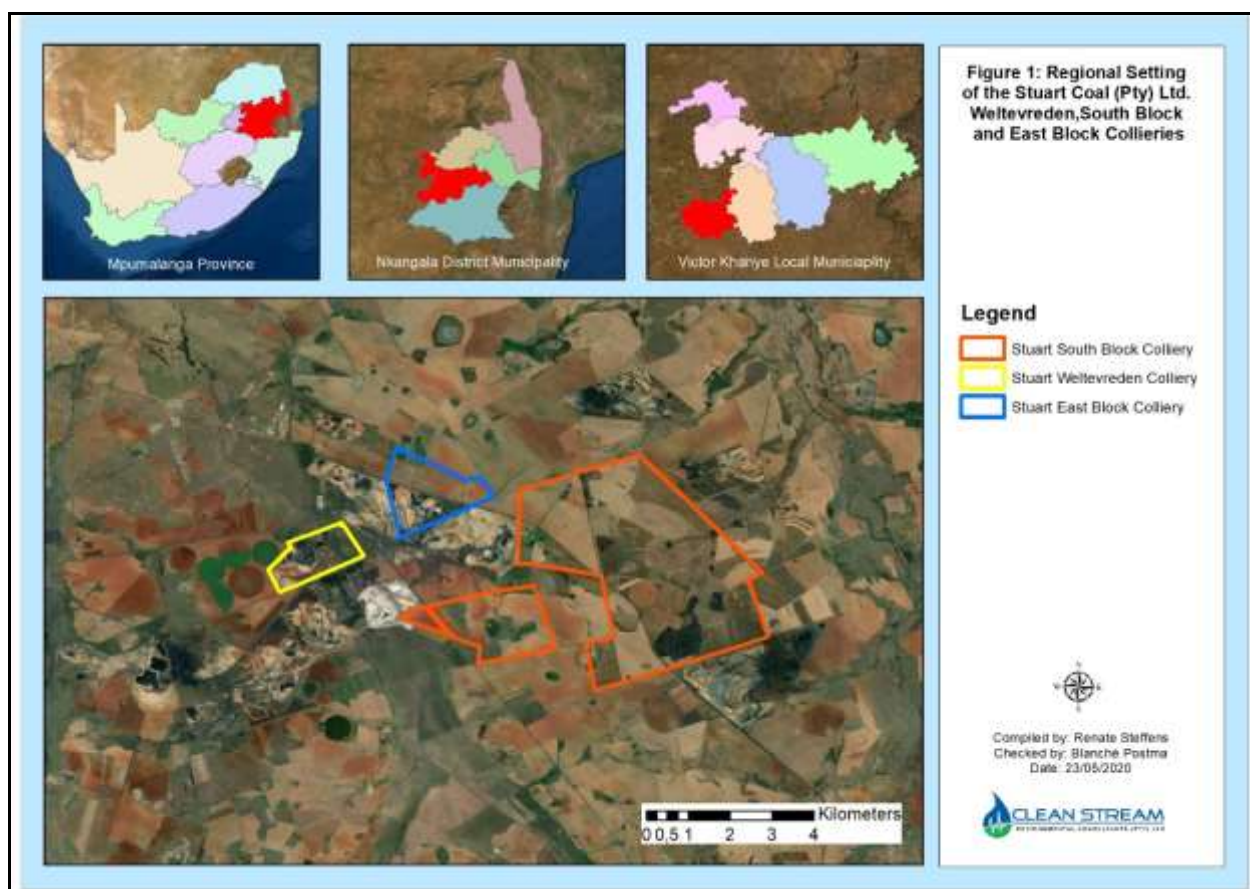
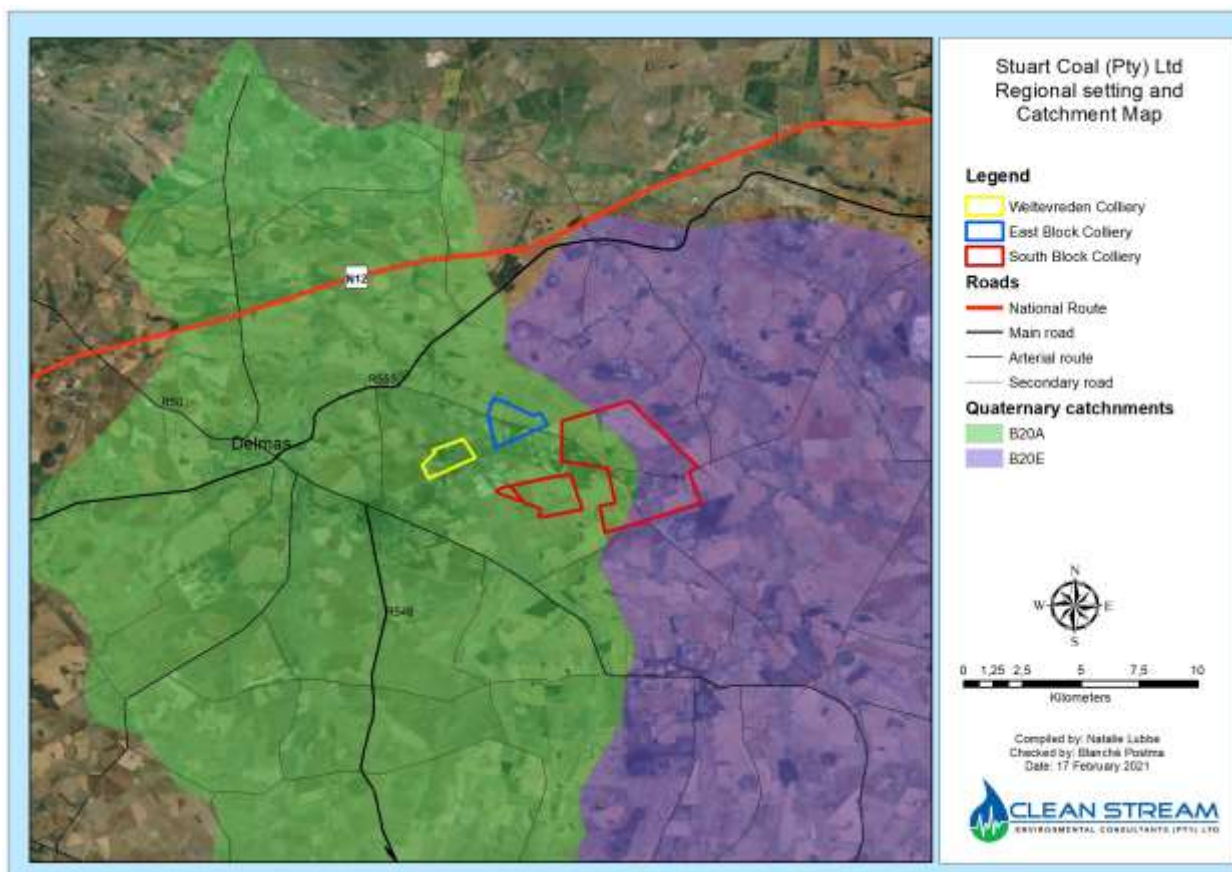


Figure 1: Regional setting of the Stuart Coal's Weltevreden, East Block & South Block Collieries.



Stuart Coal is situated in the Victor Khanye Local Municipality, within the Nkangala District Municipality of the Mpumalanga province. The collieries fall within the jurisdiction of the Mpumalanga Region: Bronkhorstspuit office of the DWS. Weltevreden Colliery is situated approximately 7 km, East Block Colliery is situated approximately 10 km east and South Block Colliery approximately 15 km to the east of the town of Delmas in Mpumalanga. The locations of the mines are indicated on **Figure 1** above.

The Weltevreden and East Block Collieries of Stuart Coal (Pty) Ltd are located in the Wilge River (B200) Catchment area and fall within the upper reaches of the Bronkhorstspuit and associated unnamed tributaries of the Bronkhorstspuit. The Weltevreden and East Block Collieries fall within the B20A quaternary sub-catchment while the South Block Colliery straddles the B20A and B20E quaternary sub-catchments as indicated as indicated in **Figure 2** below.



**Figure 2: The quaternary catchments within which the Weltevreden, East Block and South Block Collieries are located – B20A and B20E**

## 2. Environmental awareness

Stuart Coal (Pty) Ltd has implemented an environmental awareness programme. This programme is used to educate their own staff as well as visitors and contractors about the environment and the mines responsibility towards the environment. This programme covers various environmental topics including management of environmental impacts; removal of invasive species; water conservation and demand management; pollution minimisation; etc.



## 3. Environmental Monitoring

Stuart Coal (Pty) Ltd performs regular monitoring of various environmental factors at all of their collieries. Air quality and surface water monitoring is undertaken on a monthly basis. Groundwater monitoring is undertaken quarterly. Biomonitoring is undertaken seasonally, and other factors are monitored as needed. Monitoring over the past 12 months has not shown any recordable impact of these mines on the downstream receiving environment. Further, the monitoring has not picked up any events requiring reporting to the relevant competent authority.



#### 4. **Environmental Auditing**

Stuart Coal (Pty) Ltd conducts audits at all of their sites in line with the authorisations granted as well as in line with legislative requirements. Internal audits are conducted on a regular basis and external audits are conducted by an Independent Environmental Assessment Practitioner. A summary of the auditing schedule is included below. Should any additional information regarding the audits be required, this can be requested from the mine in writing in line with the legislative requirements pertaining thereto:

- **Weltevreden Colliery:**

- Environmental Management Programme Performance Assessment annually.
  - Last audit conducted: 2020 (period 2018-2020) (audits were previously due every second year).
  - Last audit performance: 96.35%
  - No recordable incidences requiring specific notification to the competent authority.
  - This audit report was submitted to the Department of Mineral Resources and Energy.
  - Next external compliance audit report due: 2022 based on newly approved EMP.
- Water Use Licence Audit Annually.
  - Last audit conducted: 2021.
  - Last audit performance: 92.57%
  - No recordable incidences requiring specific notification to the competent authority.
  - This audit report was submitted to the Department of Water and Sanitation.
  - Next external audit report due: 2022.



- **East Block Colliery:**

- Environmental Management Programme Performance Assessment biennially.
  - Last audit conducted: 2021.
  - Last audit performance: 87.63%.
  - No recordable incidences requiring specific notification to the competent authority.
  - This audit report was submitted to the Department of Mineral Resources and Energy.
  - Next external compliance audit report due: 2022.
- Water Use Licence Audit Annually.
  - Last audit conducted: 2021
  - Last audit performance: 92.57%
  - No recordable incidences requiring specific notification to the competent authority.
  - This audit report was submitted to the Department of Water and Sanitation.
  - Next audit report due: 2022



- **South Block Colliery:**

- Environmental Management Programme Performance Assessment biennially.
  - Last audit conducted: 2021
  - Last audit performance: 97.7%
  - No recordable incidences requiring specific notification to the competent authority.
  - This audit report was submitted to the Department of Mineral Resources and Energy.
  - Next audit report due: 2022
- Water Use Licence Audit Annually.
  - Last audit conducted: 2021
  - Last audit performance: 94%
  - No recordable incidences requiring specific notification to the competent authority.
  - This audit report was submitted to the Department of Water and Sanitation.
  - Next audit report due: 2022



## 5. Previous and current (ongoing) environmental projects

From time to time, the mines are required to conduct environmental related projects. These are normally required prior to new developments or prior to changes in developments. Relevant legislative authorisation applications apply to each project. The following projects to improve environmental management have been recently completed or are ongoing at each of the Collieries:



- **Weltevreden Colliery:**

- Construction of the first of two lined pollution control dams. These pollution control dams were purpose designed and are licenced.
- Continuation with the rehabilitation of stockpiles and a void in line with Licence and EMP requirements.
- Ongoing monitoring as well as maintenance of water and waste management infrastructure.

- **East Block Colliery:**

- Construction of the conveyor across the secondary provincial road between the Delmas / Ogies R555 road in the north, and the Delmas / Leandra (R50) in the south road, including storm water management and development of dust suppression measures.
- Ongoing monitoring as well as maintenance of water and waste management infrastructure.

- **South Block Colliery:**

- Construction of two lined pollution control dams and temporary offices prior to continuation with opencast mining activities.
- Ongoing monitoring.
- Amendment of the approved Environmental Management Programme to accommodate changes in the mine planning – Plant and infrastructure upgrade project (submitted and awaiting approval / comment).

