

10 October 2019

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BASIC ASSESSMENT, ENVIRONMENTAL MANAGEMENT PROGRAMME REPORT AND WATER USE APPLICATION FOR THE PROPOSED CONSTRUCTION OF A PIPELINE BETWEEN THE COVALENT WATER COMPANY (OLD BLYVOORUITZICHT MINE WORKINGS) AND NORTH BOUNDARY DAM, ANGLOGOLD ASHANTI LIMITED, CARLETONVILLE, GAUTENG PROVINCE

- Draft Basic Assessment (BA) and Environmental Management Programme (EMPr) Report available for public review from **Thursday, 10 October 2019 to Monday, 11 November 2019**

Dear Stakeholder

This letter serves to notify interested and affected parties (I&APs) that AngloGold Ashanti Limited (AGA) is proposing to install an approximately 5km long pipeline and associated surface infrastructure between the Covalent Water Company (old Blyvooruitzicht Mine workings) and the North Boundary Dam. The construction of the proposed pipeline and surface infrastructure is intended to allow for dewatering, treatment and reuse of treated acid mine drainage water as make-up water in the AGA Savuka Gold plant.

Background

The AGA operations in the West Wits mining lease areas are at risk of flooding due to ingress of fissure water from surrounding mining operations. About 24 M³/day of fissure water flows into the underground workings of the defunct Blyvooruitzicht (BLV) Mine, which spans a strike of 6km along the boundary with AGA. If dewatering at the BLV Four and Six Shafts were to cease, fissure water would report to the AGA operations in about 13 days, which would pose a serious risk to the health and safety of AGA personnel and the mining operations.

After the liquidation of the BLV Mine in 2013, AGA established a wholly owned subsidiary, the Covalent Water Company to manage the BLV Mine water and the impacts thereof on the West Wits operations. Covalent Water Company has a 25-year lease to maintain water management infrastructure at the BLV Four and Six Shafts.

Prior to September 2016, Covalent Water Company abstracted 20 M³/d of relatively good quality water from BLV Four and Six Shafts and discharged it into the Wonderfontein Spruit under a directive. About 5 M³/d of acid mine drainage water containing elevated levels of heavy metals and salts has been accumulating in the lower, mined out areas of BLV Shaft Five. Pumping was initiated at the AGA Savuka plant when this water reached a critical level. Savuka plant pumps the BLV Shaft Five water from 81 level to surface, where it is used as make-up water in the Savuka plant circuit. In terms of the current life of mine for the Savuka plant, this source of make-up water will be required for the next 10 years.

AGA thus proposes to install a pipeline from the BLV Mine to the North Boundary Dam to allow for dewatering, treatment and reuse of the treated acid mine drainage water as make-up water for the Savuka plant circuit.

In order to proceed with the planned construction of the pipeline and infrastructure, AGA is required to obtain Environmental Authorisation (EA) under the National Environmental Management Act No. 107 of 1998. The application for EA must be supported by a Basic Assessment (BA) process as outlined in the Environmental Impact Assessment Regulations, 2014 (as amended). A BA and Environmental Management Programme (EMPr) Report will be submitted to the Gauteng Department of Mineral Resources.

AGA furthermore intends to submit an application for water use under the General Authorisation in terms of section 39 of the National Water Act 36 of 1998 (NWA) for water uses defined in section 21(c) and section 21(i), GN 509 of 26 August 2016. An application will be submitted to the Department of Human Settlements, Water and Sanitation.

AGA has appointed Golder Associates Africa (Pty) Ltd (Golder) to undertake all the necessary technical investigations and the required EA and water use application processes for the proposed pipeline and surface infrastructure construction.

Draft BA/EMPr Report available for public review

The Draft BA/EMPr is available for public review and comment for a period of 30 days, from **Thursday, 10 October 2019** to **Monday, 11 November 2019**. The report is also available on the following website: <https://www.golder.com/global-locations/africa/south-africa-public-documents/> and at the following public places.

Table 1: Public places

Public Place	Contact Person	Contact Number
Carletonville Library, corner of Celestine and Emerald Streets, Carletonville	Mr Lungile Letshekha Library Manager	018 788 9541
Wedela Library, 5378 Hawk Street, Wedela, Carletonville	Mr Lungile Letshekha Library Manager	018 788 9541
Golder Associates Africa, Midrand, Building 1, Maxwell Office Park, Magwa Crescent West, Waterfall City, Midrand	Mrs Antoinette Pietersen	011 254 4800

Your comment is important

We invite you to formally register as an I&AP and to participate in the EA process and/or to comment on the Draft BA/EMPr Report in any of the following ways:

- Completing the enclosed Registration and Comment Sheet and submitting it to Antoinette Pietersen or Mabel Qinisile at the Public Participation Office by the due date of **Monday, 11 November 2019**. Also, please use the Registration and Comment Sheet to indicate your preferred method of notification and any direct business or other interest you may have in the approval or refusal of the application; or
- Providing your comments in writing or verbally by phone to Golder Associates.

Way forward

After closure of the public review period, the Draft BA/EMPr Report will be updated with any comments received and will be submitted to the Gauteng Department of Mineral Resources for consideration. The authorities will have 107 days to review the reports and decide whether to authorise the proposed project. Upon receipt of the authority's decision, stakeholders will be notified of the decision and the appeal process.

Please contact the Public Participation Office if you have any questions, would like more information, to obtain a copy of the draft report, or would like to contribute any comments. You can reach us at the Public Participation Office on the following contact number and/or email addresses: Tel: (011) 254 4800 or email: PPOffice@golder.co.za.

We look forward to your participation in the project and receiving your comments!

Sincerely,

Golder Associates Africa (Pty) Ltd.

Antoinette Pietersen
Stakeholder Engagement Lead

Adam Bennett
Project Manager

Attachments: Registration and Comment Sheet
Locality Map

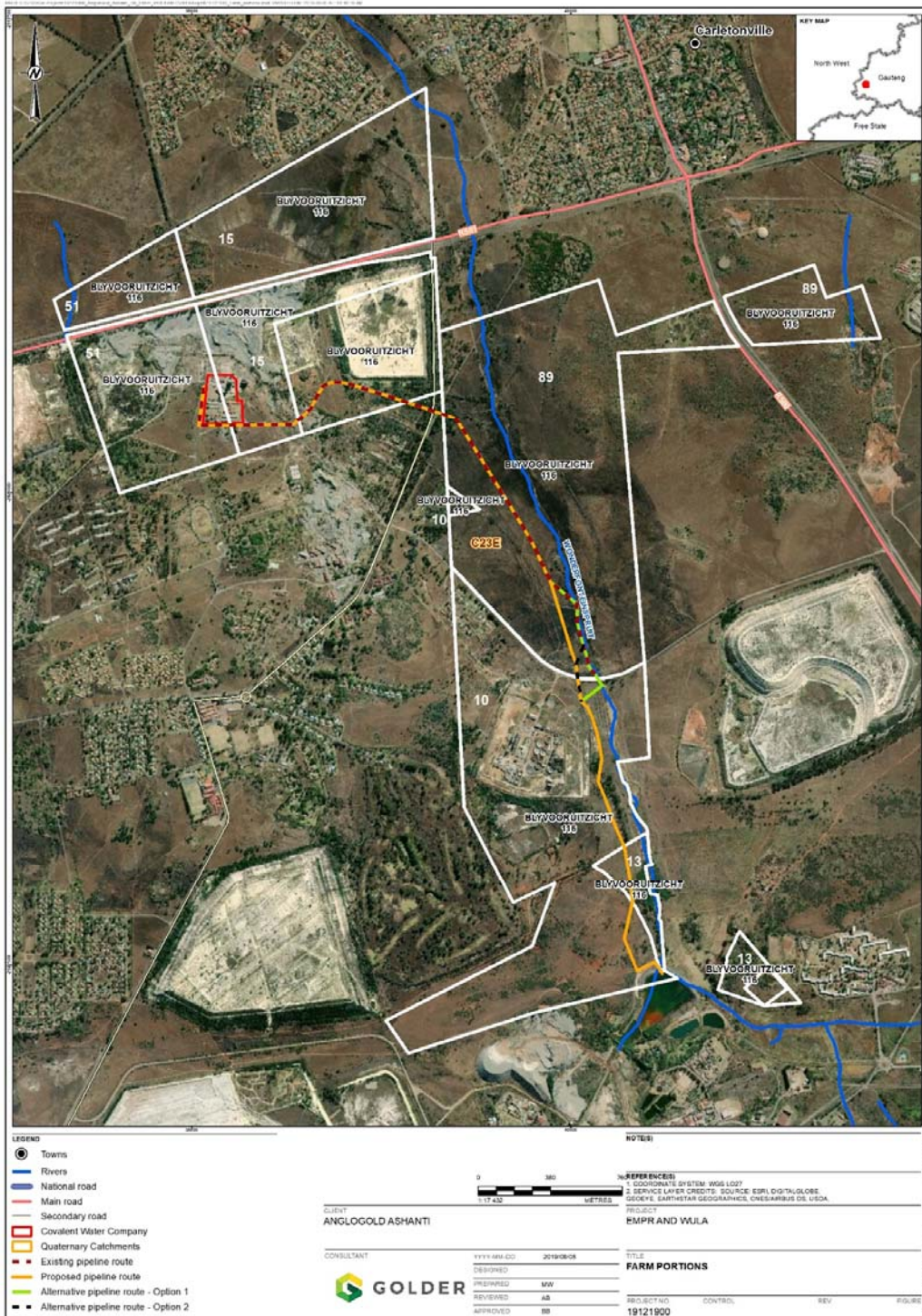


Figure 1: Locality map