## **Donavan Henning**

From:	Hutcheons [hutcheons@absamail.co.za]
Sent:	27 November 2009 08:32
To:	Salomon Pienaar
Subject:	Mokol and Crocodile River and Vaal River Augmentation Projects

Hi

This is feedback on the Draft Scoping reports available for the proposed pipeline projects pertaining to the Mokolo and Crocodile River Augmentation Projects.

I have the following comments that I would like your feedback on or that studies are conducted to supply me with feedback during the EIA phase of the project.

I do not see that any studies has been or will be conducted on determining if the catchment areas, that form part of the study areas (from Gauteng, North West and Limpopo), will be able to supply enough water to sustain the required water consumption during droughts. It is common that we have dry and wet cycles in SA, but also that we can have droughts. I want to know if there is a dry spell or drought in all of the catchments related to this project, will there still be sufficient water in all of the areas affected to meet the demand. This will include from Gauteng to Limpopo, including the North West (especially Rustenburg and the platinum mines) the Waterburg and Lephalale and Steenbokpan areas. A full geo-hydrological assessment is required to determine the continues supply of water. Please do not say that the pumping of water from the Vaal to the Crocodile systems will take care of this, as this is not a solution until the next phase of the Highland system is build and to date that is still way into the future and droughts can take place before this is a possibility.

Currently the water required will be sourced from flow-through from the Johannesburg and Pretoria areas (310 mqbl). Within the Gauteng province there is a drive started to become more sustainable within its developments and thus reducing through flow. My concern is that the end of the pipeline user, Steenbokpan, will be dependent on water that is not "generated", but access from other users. What plans are placed of will be inplace to cater for water shortages when they occur. In discussions with developers and other EIA's being conducted in the area there will be atleast 50 000 people living in that area within the next 5 to 10 years. Extensive plans must be in place to ensure that these people have water if , for what ever reason, the water supply via the pipeline are disrupted. I do not see that you have made any effort to address this concern.

Lastly can you inform me as to the capacity of the pipelines you will be putting in i.e. how much water will be delivered or possibly delivered at the end user when the pipelines are utilised at full capacity.

Thank you for the opportunity to comment and I an looking forward to working together in the future.

Regards

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