

Our Reference: 1500003

8 April 2016

**NOTIFICATION OF AN APPLICATION FOR AN ENVIRONMENTAL AUTHORISATION IN
TERMS OF THE NATIONAL ENVIRONMENTAL MANAGEMENT ACT, ACT 107 OF 1998
(NEMA) FOR THE CONSTRUCTION OF A WATER SUPPLY PIPELINE AT THE DUVHA
POWER STATION, MPUMALANGA**

Dear Stakeholder;

Notice is hereby given that Eskom Holdings SOC is applying for an Environmental Authorisation (EA) in terms of the National Environmental Management Act, Act 107 of 1998 (NEMA) for the construction of a water supply pipeline at the Duvha Power Station. The proposed pipeline is situated on the Remaining Portion (Portion 0) of Farm Duvha Kragstasie 337JS in the Mpumalanga Province. Please refer to the attached Layout Map in **Appendix A** of this letter.

The Duvha Power Station receives water from two sources; the Komati Water Scheme (KWS) (Komati Water) and the Usutu-Vaal River System (Vaal Water). The Komati Water is of a better quality and is the preferred source to produce demineralised and potable water. The KWS is however scheduled for an outage from the middle of 2016, which will impact the supply of the Komati Water to the Duvha Power Station. The Duvha Power Station has two raw water reservoirs which can be independently filled with the Vaal Water and the Komati Water.

To mitigate the impact of the outage, the reserve capacity of the Komati water reservoir will be maximised by using the Vaal Water as a source of make-up for the condenser cooling water systems. Modification to the pipeline network is required to achieve supply of the Vaal Water for cooling and the Komati Water for treatment. This will require a connection pipeline to be installed from the raw water reservoir to the Water Treatment Plant (WTP) on the south side of the Power Station, the "Komati Reservoir WTP Pipeline".

The project will entail the design, supply and construction of a new Ultraviolet Protected High Density Polyethylene (HDPE) pipeline from the raw water reservoir to the WTP. The project will also include the design, supply and construction of valves and pipe support including fasteners and concrete plinths. It is estimated that a 450 mm pipeline with a water flow rate of 540 m³/hour will be required.

The construction of the proposed pipeline will trigger listed activity No 9 in GN 983, requiring an EA to be obtained by means of a Basic Assessment (BA) process. NAKO-ILISO has been appointed as the independent Environmental Assessment Practitioner (EAP) to conduct the BA and associated Public Participation Process (PPP) for the project. The process to be followed will include the following activities:

- Compilation and submission of the Application for an EA;
- Drafting of the Basic Assessment Report (BAR) and associated Environmental Management Programme (EMPr); and
- Public Participation Process (PPP), including 30 days for the Interested and Affected Parties (I&APs) to review and comment on the draft BAR and EMPr.

If you would like to register as an Interested and Affected Party (I&AP) or require additional information on the application or would like to provide comments on the application, please send your contact details, request and/or comments to Mr Joseph Masilela at the contact details below by **22 April 2016**:

NAKO-ILISO
PO Box 68735
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Yours faithfully,



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Ndomupe Dhemba
Environmental Assessment Practitioner (EAP)

APPENDIX A: LAYOUT MAP

APPLICATION FOR AN ENVIRONMENTAL
AUTHORISATION FOR A WATER SUPPLY
PIPELINE AT THE DUVHA POWER
STATION

LOCALITY MAP

Legend

- Duvha PS
- Farm portions
- Erven
- Parent farms
- Roads
- Dams and Lakes
- Rivers
- Duvha Water Supply Pipelines**
- Main Line
- Emergency Line
- Komati Line
- Proposed Water Supply Pipeline
Route Alternative 1 (Preferred Route)
- Proposed Water Supply Pipeline
Alternative 2



DATE: 4 APRIL 2016
SYSTEM: HARTEBEE SHOEK94
MAP BY: NDOMUPEI DHEMBA

