



Figure 1 Photograph of site notice on ash dump gate (E Janse van Rensburg, 09/02/10)



Figure 2 Photograph of site notice on the power station's east gate (E Janse van Rensburg, 09/02/10)



Figure 3 Photograph of site notice on the power station's wet gate (E Janse van Rensburg, 09/02/10)

ENVIRONMENTAL IMPACT ASSESSMENT: PUBLIC PARTICIPATION PROCESS

PROPOSED BRINE AND GROUNDWATER TREATMENT WORKS AT TUTUKA POWER STATION, MPUMALANGA

Eskom is proposing to construct additional wastewater treatment facilities at the existing Tutuka Power Station, approximately 22 km north east of Standerton, Mpumalanga. The treatment facilities would consist of two components; namely a brine concentrator plant and a groundwater wastewater treatment works (WWTW).

The brine concentrator plant would concentrate brine produced by an existing wastewater treatment process on site. The groundwater WWTW would treat polluted groundwater, which would be abstracted from strategic boreholes adjacent to the power station's ash dump. Water from the groundwater WWTW would be processed further in the brine concentrator plant.

The proposed project is listed in terms of the National Environment Management Act (NEMA) (No. 107 of 1998) and the National Environmental Management: Waste Act (NEMWA)(No. 59 of 2008). As such authorisation from the competent environmental authority, viz. the Department of Environmental Affairs via the Environmental Impact Assessment (EIA) process (GN No. R385 of 21 April 2006) is necessary. This proposed project triggers activity 1(e) of GN No. 387 and activities 1(k), 1 (m) and 13 of GN No. 386 published in terms of NEMA, and Category B activities 4, 5, 7, 9 and 11 of NEMWA. Eskom is also applying for an exemption from undertaking an EIA for the proposed expansion of a brine evaporation process, which currently takes place within three of Tutuka Power Stations six boilers. Aurecon (Pty) Ltd (Aurecon) has been appointed to undertake the required environmental authorisation process.

FOR MORE INFORMATION, TO COMMENT ON THE PROJECT OR TO REGISTER AS AN INTERESTED AND AFFECTED PARTY, PLEASE CONTACT AURECON:

T (021) 481 2501 or F (021) 424 5588

lindiwe.gaika@af.aurecongroup.com or PO Box 494, Cape Town, 8000

Att: **Lindiwe Gaika** or **Karen Shippey**, before 1 March 2010.



OMGEWINGSINVLOEDBEPALING: PROSES VAN OPENBARE DEELNAME

BEOOGDE PEKEL- EN GRONDWATER-SUIWERINGSWERKE BY TUTUKA KRAGSENTRALE, MPUMALANGA

Eskom is van voorneme om 'n bykomende suiweringsaanleg by die bestaande Tutuka Kragentrale, ongeveer 22 km noord-oos van Standerton, Mpumalanga, op te rig. Die suiweringsaanleg sal uit twee dele bestaan; naamlik 'n pekel-konsentreeraanleg en 'n suiweringsaanleg vir grondwater.

Die pekel-konsentreeraanleg sal die pekel afkomstig van 'n bestaande afvalwater-suiweringswerke op die terrein verder konsentreer. Die grondwater-suiweringsaanleg sal die besoedelde grondwater suiwer wat vanuit strategiese boorgate langs die kragentrale se ashoop onttrek word. Water vanaf die grondwater-suiweringswerke sal in die pekel-konsentreeraanleg verder behandel word.

Die beoogde projek word in terme van die Wet op Nasionale Omgewingsbestuur (NEMA) (Wet Nr. 107 van 1998) en die Wet op die Omgewing: Afvalbestuur (NEMWA) (Wet Nr. 59 van 2008) as 'n gelyste aktiwiteit beskou. Dit verg dus 'n magtiging van die bevoegde omgewingsowerheid, naamlik die Departement van Omgewingsake, by wyse van 'n Omgewingsinvloedbepalingsproses (OIB) (GK Nr. R385 van 21 April 2006). Die beoogde projek het bedrywighede 1(e) van GK Nr. 387 en bedrywighede 1(k), 1 (m) en 13 van GK Nr. 386, afgekondig in terme van NEMA tot gevolg; asook Kategorie B-bedrywighede 4, 5, 7, 9 en 11 van die NEMWA. Eskom doen ook aansoek vir vrystelling van 'n OIB vir die uitbreiding van die pekel-verdampingsproses wat tans in Tutuka Kragentrale se ses stoomketels plaasvind. Aurecon (Edms.) Bpk. (Aurecon) is aangestel om die vereiste omgewingsmagtigingsproses te onderneem.

**INDIEN U VERDERE INLIGTING VERLANG, OF ENIGE AANVANKLIKE GESKILPUNTE OF
KWESSIES WIL LUG, WORD U VERSOEK OM VOOR 1 MAART 2010 MET AURECON IN
VERBINDING TE TREE BY:**

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Vir aandag: **Lindiwe Gaika** of **Karen Shippey**



