

Date: 08 December 2010

Enquiries:

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CERTIFICATE OF ANALYSIS

To: Ms Tshidi Mosehle

ARNOT POWER STATION

REPORT NUMBER: WL2010-9217

SAMPLED ON: 03 AUGUST 2010

SUBMITTED ON: 04 AUGUST 2010

REPORTED ON: 08 DECEMBER 2010

THREE POTABLE WATER SAMPLES FOR TRIHALOMETHANE DETERMINATION

ANALYSIS

Sample		Water Plant (Arnot)	Compound (Arnot)
Chloroform	ppb as CHCl ₃	25	28
Bromodichloromethane	ppb as CHBrCl ₂	8	9
Dichlorobromomethane	ppb as CHBr ₂ Cl	3	3
Bromoform	ppb as CHBr ₃	<1	<1
Total trihalomethanes		36	40

Sample		Arnot Lab	School (Arnot)
Chloroform	ppb as CHCl ₃	37	44
Bromodichloromethane	ppb as CHBrCl ₂	10	11
Dichlorobromomethane	ppb as CHBr ₂ Cl	4	4
Bromoform	ppb as CHBr ₃	<1	<1
Total trihalomethanes		51	59

Eskom Holdings Limited

Sustainability and Innovation

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JRD Modise PS O'Flaherty* U Zikalala (*Executive Director) **Company Secretary:** B Mbomvu
Eskom Holdings Limited Reg No 2002/015527/06



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THREE POTABLE WATER SAMPLES FOR TRIHALOMETHANE DETERMINATION

ANALYSIS

Sample		Mine (Arnot)	Property (Arnot)
Chloroform	ppb as CHCl ₃	31	32
Bromodichloromethane	ppb as CHBrCl ₂	9	9
Dichlorobromomethane	ppb as CHBr ₂ Cl	3	3
Bromoform	ppb as CHBr ₃	<1	<1
Total trihalomethanes		43	44

Comments:

The samples are within the Eskom Standard for Potable Water (GGS 0517 Rev. 2) of less than 100 ppb of THM's.