

Eskom Holdings SOC Limited
BASIC ASSESSMENT FOR ESKOM'S KILBARCHAN COLLIERY REHABILITATION AND PHYTOREMEDIATION PROCESS

Introduction

The Kilbarchan Colliery owned by Eskom Holdings SOC Limited (Eskom) is located approximately 14 km south of Newcastle, KwaZulu-Natal and falls within the Newcastle Local Municipality and Amajuba District Municipality. Kilbarchan Colliery consisted of two underground mining sections: Roy Point (which has been excluded from this Basic Assessment Process) in the north and Kilbarchan in the south. Underground mining commenced at the Kilbarchan Colliery in 1954 and utilised the bord and pillar mining method, with open pit mining used where the coal seam was less than 20 m below ground level. The Kilbarchan Colliery was decommissioned in 1992. Following the decommissioning, some rehabilitation activities were undertaken which included the rehabilitation of the Discard Dump, Open Pits and Underground areas. However over the years in which the Colliery was non-operational, the underground workings, as well as open pit areas, began filling up with water resulting in decant of mine affected water. Eskom proposes to obtain environmental authorisation for the proposed phytoremediation plantation for the management of mine affected water and maintenance/upkeep of areas that were previously rehabilitated within the project boundaries (proposed project) In terms of section 24 and 24D of the National Environmental Management Act (No 107 of 1998), as read with the Environmental Impact Assessment (EIA) Regulations (2014): Government Notices R982 and R983, a Basic Assessment is required to be undertaken. Eskom has appointed Digby Wells Environmental (Digby Wells) to undertake the various specialist studies and authorisation applications for the Basic Assessment.

Project Description

The Kilbarchan Colliery is approximately 3 322 ha, however the area requiring the rehabilitation and establishment of the phytoremediation plant is approximately 306 ha. The following infrastructure will be subject to further maintenance and rehabilitation to minimise and mitigate the impacts currently occurring on site and to restore land back to a satisfactory standard: Discard Dump, Open Pit Areas 1A, 1B, 1C and 2, Landfill Site and Underground Workings.

Public Participation

Stakeholders affected by or interested in the Kilbarchan Colliery Basic Assessment process are invited to register as an Interested and Affected Party to become involved in the consultation process. Comments and or questions can be addressed to the Digby Wells Stakeholder Engagement Office using the information as provided below. The Basic Assessment, Phytoremediation Report, Rehabilitation Plan and Heritage Basic Assessment Report and Notice of Intent to Develop will be available to the public from **Friday, 14 October 2016 to Monday, 14 November 2016** at the places as indicated below.

Venue	Address	Contact Person	Contact Number
Newcastle Library	66 Scott Street, Newcastle	Ms A Botes	(034) 328 7620
Ingagane Library	8 Third Avenue, Ingagane	Ms N Ncwane	(034) 310 6148
Kilbarchan Golf Club	Kilbarchan Newcastle, Amajuba	Mrs Dalene Hugo	(082) 337 9373
The reports will also be available on the following website: www.digbywells.com (under Public Documents) or Phone and request a CD copy at (011) 789 9495 www.eskom.co.za/OurCompany/SustainableDevelopment/EnvironmentallImpactAssessments			

An Open House Meeting will be held to discuss contents of the various Reports and to obtain stakeholder comments, as indicated below.

Venue	Blue Ridge Guest Farm- On the N11 Ladysmith Road (27°47'54.82"S; 29°57'21.95"E)
Date	2 November 2016
Time	11:00 – 13:00

Digby Wells Stakeholder Engagement Office:

Qondile Monareng or Puseletso Motloba
 Tel: (011) 789 9495 Fax: (011) 069 6801 Postal address: Private Bag X10046, Randburg, 2125
 Email: gondile.monareng@digbywells.com or puseletso.motloba@digbywells.com
www.digbywells.com (under Public Documents) *Project Number: ESK3520*



DIGBY WELLS
ENVIRONMENTAL

Eskom Holdings SOC Limited

UKUHLOLA OKUYISEKELO KOCWANINGO LOKUBUYISELA ESIMENI NE PHYTOREMEDIATION EMASIMINI KANYE NOKUVALA LWE-KILBARCHAN COLLIERY YE-ESKOM

Isingeniso

I-Kilbarchan Colliery okungeye-Eskom Holdings SOC Limited (Eskom) cishe esendaweni engama-14 km yeningizimu ye-Newcastle, KwaZulu-Natali futhi engena ngaphansi kukaMasipala Wasekhaya Wase-Newcastle nakuMasipala Wesifunda sase-Amajuba. I-Kilbarchan Colliery inezingxenywe zezimayini ezingaphansi komhlaba ezimbili: I-Roy Point (ebingafakwanga kulolu Hlelo Lokuhlola Oluyisisekelo) enyakatho kanye ne-Kilbarchan eningizimu. Ukumba ezimayini ngaphansi komhlaba e-Kilbarchan Colliery kwaqala ngonyaka ka-1954 kanti kwakusebenzisa indlela yezimayini ye-bord and pillar (okuwukumiswa kwezizinsika zigawulwe lapho osekwedlulwe khona ngesikhathi umsebenzi ulokhu uqhubeka), kusetshenziswa izimayini ezinomgodi ovulekile lapho ungqengqema lwamalahle lwalungaphansi kuka-20 m ngaphansi kwezinga lomhlaba. I-Kilbarchan Colliery yahoxiswa ngonyaka ka-1992. Kulandela ukuhoxiswa, kwenziwa eminye imisebenzi yokubuyisela esimeni eyayibandakanya Ukususwa Kwendawo Yokulahla Udoti, Imigodi Evulekile kanye nezindawo Ezingaphansi komhlaba. Kodwa-ke ngale minyaka i-Colliery eyayingasebenzi ngayo, imisebenzi yangaphansi komhlaba, kanjalo nezindawo zemigodi evulekile, yaqala ukugcwaliswa ngamanzi okwaholela ekufakweni kwamanzi phezu kwamanzi emayini amoshakele. U-Eskom uhlongoza ukuthola ukugunyazwa ngokwemvelo ohlongozwayo phytoremediation ipulazi ukuphathwa kwamanzi emyini abathintekayo kanye nokugcinwa/ yokondla ezindaweni ezazincishwe avuselelwa ngaphakathi kwemingcele project (phrojekthi ehlongozwayo).

Ngokwesigaba 24 kanye no-24D soMthetho Wokuphathwa Kwezemvelo (Nombolo 107 ka-1998), njengoba sifundwa neZaziso zikaHulumeni R982 kanye ne-R983 Ukuhlolwa Okuyisisekelo okufanele kwenziwe. Ucwano Lokuvalwa kwesayithi kwenziwe okuyinto okugxilwe kuyo kanye nenhloso yalolu hlelo Lokuhlola Oluyisisekelo. U-Eskom uqoke i-Digby Wells Environmental (Digby Wells) ukuthi yanze izingcwano zongcweti ezahlukeneyo kanye nezicelo zokugunyaza zoKuhlola Okuyisisekelo.

Incazelo Yephrojekthi

Indawo yemayini ye-Kilbarchan Colliery cishe ingamahektha awu-3 322. Inggalasizinda elandelayo izobuyiselwa esimeni futhi ihoxiswe ukunciphisa kanye nokuvimbela imithelela eyenzeka njengamanje esayithini kanye nokubuyisela umhlaba emuva ezingeni elanelisayo: Indawo Yokulahla Udoti Esusiwe, Izindawo Zemigodi Evulekile 1A, 1B, 1C kanye no-2, Isayithi Yokugcwalisa Umhlaba kanye neMisebenzi Yangaphansi komhlaba.

Ukubandakanyeka Komphakathi

Ababambiqhaza abathintekile noma abanentshisekelo ohlelweni loKuhlola Okuyisisekelo lwe-Kilbarchan Colliery bayacelwa ukuthi babhalise njengoMuntu Onentshisekelo Nothentekile ukuthi babandakanyeke ohlelweni lokubonisa. Imibono yokuphawula kanye nemibuzo kungabhekiswa eHhovisi Lokubandakanya Ababambiqhaza lase-Digby Wells kusetshenziswa ulwazi njengoba luhlinzekwe ngezansi. Ukuhlolwa Okuyisisekelo, Umbiko Wokubuyisela Esimeni Ngezimila Eziluhlaza kanye noMbiko Wokuvalwa kanye noMbiko Wokuhlolwa Okuyisisekelo Kwamagugu kanye neSaziso Senhloso yoKwakha umphakathi uzokuthola kusukela **ngoLwesihlanu, 14 Okthoba ukuya ku-Msombuluko, 14 Novemba 2016** ezindaweni njengoba kutshengiswe ngezansi.

<i>Indawo</i>	<i>Ikheli</i>	<i>Umuntu Okuxhunyanwa naye</i>	<i>Inombolo Yokuxhumana</i>
Newcastle Library	66 Scott Street, Newcastle	Nk A Botes	(034) 328 7620
Ingagane Library	8 Third Avenue, Ingagane	Nk N Ncwane	(034) 310 6148
Kilbarchan Golf Club	Kilbarchan Newcastle, Amajuba	Nkk Dalene Hugo	(082) 337 9373

Imibiko nayo izotholakala kuwebhusayithi elandelayo:
www.digbywells.com (ngaphansi kweMibhalo Yomphakathi)
noma Shaya ucingo ucele ikhophi ye-CD ku-(011) 789 9495

www.eskom.co.za/OurCompany/SustainableDevelopment/EnvironmentalImpactAssessments

Umhlangano Wendlu Ovulekile uzobanjwa ukuxoxa ngokuqukethwe kweMibiko ehlukeneyo kanye nokuthola ukuphawula kwababambiqhaza, njengoba kukhonjiswe ngezansi.

<i>Indawo</i>	Blue Ridge Guest Farm- On the N11 Ladysmith Road (27°47'54.82"S; 29°57'21.95"E)
<i>Usuku</i>	uNovember 2, 2016
<i>Isikhathi</i>	11:00 – 13:00

Ihhovisi Lokubandakanya Ababambiqhaza Lase-Digby Wells:

UQondile Monareng noma uPuseletso Motloba

Ucingo: (011) 789 9495, Ifeksi: (011) 069 6801 Ikheli Leposi: Private Bag X10046, Randburg, 2125

Imeyili: gondile.monareng@digbywells.com noma puseletso.motloba@digbywells.com

www.digbywells.com (ngaphansi kweMibhalo Yomphakathi) *Inombolo Yephrojekthi: ESK3520*