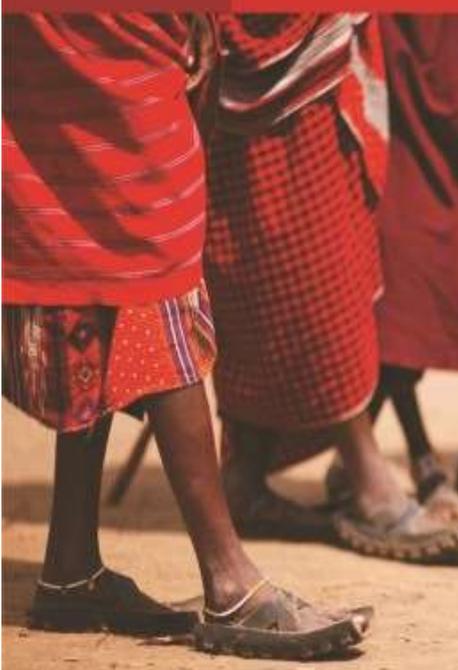




DIGBY WELLS  
ENVIRONMENTAL



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## Proposed Palmietkuilen Coal Mining Project, Springs

## Public Participation Report

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**Project Number:**

CNC4065

**Prepared for:**

Pandospan (Pty) Ltd. (a subsidiary of the Canyon Group)

March 2017

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This document has been prepared by Digby Wells Environmental.

<b>Report Type:</b>	<b>Public Participation Report</b>
<b>Project Name:</b>	<b>Integrated Environmental Impact Assessment for the Proposed Palmietkuilen Coal Mine near Springs, Gauteng</b>
<b>Project Code:</b>	<b>CNC4065</b>

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## 1 Introduction

Pandospan (Pty) Ltd. (a subsidiary of the Canyon Group), on behalf of Anglo Operations Pty Limited (AOL), is applying for a Mining Right to mine coal on Portions 1, 2, 4, 9, 13 and 19 of the Farm Palmietkuilen 241 IR, near Springs in the Gauteng Province of South Africa. The proposed Project area falls within the Sedibeng District Municipality and borders the Province of Mpumalanga.

The Public Participation Process (PPP) for the proposed Palmietkuilen Coal Mining Project has been developed to address stakeholder requirements for engagement and to ensure compliance with the environmental regulatory requirements as set out below:

- Mineral and Petroleum Resources Development Act, 2002 (Act No 28 of 2002) (MPRDA);
- National Environmental Management Act, 1998 (Act No. 107 of 1998), as amended, (NEMA); and
- National Water Act, 1998 (Act No 36 of 1998) (NWA).

The PPP provided Interested and Affected Parties (I&APs) with the opportunity to consider the proposed project, to submit the needed comments and to receive feedback from the independent Environmental Assessment Practitioner (EAP) and proponent. I&APs represent relevant sectors of society and various relevant organs of state. This Public Participation (PP) report details the overview of the PPP and provides more information about the PP activities which have been undertaken. It also highlights the next steps as part of the environmental regulatory process.

### 1.1 Public Participation Process Objectives

The PPP objectives for the environmental regulatory process are listed below:

- To ensure that I&APs are informed about the proposed project;
- To provide I&APs opportunity to provide comment on the proposed project;
- To utilise local knowledge and identifying environmental and social concerns associated with the proposed project;
- To involve I&APs in identifying methods in which concerns can be addressed;
- To provide opportunity to I&APs to verify that comments have been accurately recorded; and
- To comply with the legal requirements.

As part of the PPP the three phases of consultation during the environmental regulatory process are detailed below:

### **1.1.1 Scoping Phase**

During the Scoping Phase, the following core PP activities were undertaken:

- Stakeholders were identified and a database was developed to capture their information;
- Background Information Document (BID) and letters were distributed to all registered I&APs together with the placement of an advert and site notices;
- The environmental scoping report and associated documentation was made available for public comment;
- Consultation with I&APs were undertaken; and
- Suggestions and concerns were obtained from I&APs.

### **1.1.2 Impact Assessment Phase**

For the Impact Assessment Phase the following PP activities are envisaged to be undertaken:

- Making the relevant environmental reports available for public comment;
- Provide feedback about the specialist studies conducted and mitigation measures proposed by means of consultation with I&APs;
- Provide opportunity for I&APs to comment on specialist findings, impacts assessments and recommendations;
- Verify that comments raised by I&APs have been accurately recorded; and
- Inform specialists and the proponent of I&AP comments.

### **1.1.3 Decision-making Phase**

With completion of the Impact Assessment Phase all registered I&APs will be notified of the relevant competent authorities' decisions about the proposed project.

## **2 Methodology**

The proposed methodology implemented for the PPP is in-line with the prescribed environmental regulatory legislation and set out in further detail below.

### **2.1 Scoping Phase**

#### **2.1.1 Identification of Stakeholders**

To ensure a proper representation of stakeholders interested in or affected by the proposed project, the following identification methods were used to develop a stakeholder database:

- Windeed and desktop searches were conducted in and around the project area to verify land ownership and obtain contact details;

- Responses were received from newspaper advertisements and site notices;
- Responses were received from distribution of the BID and notification letter; and
- Telephonic and one-on-one consultations with landowners and land occupiers were done to identify additional I&APs.

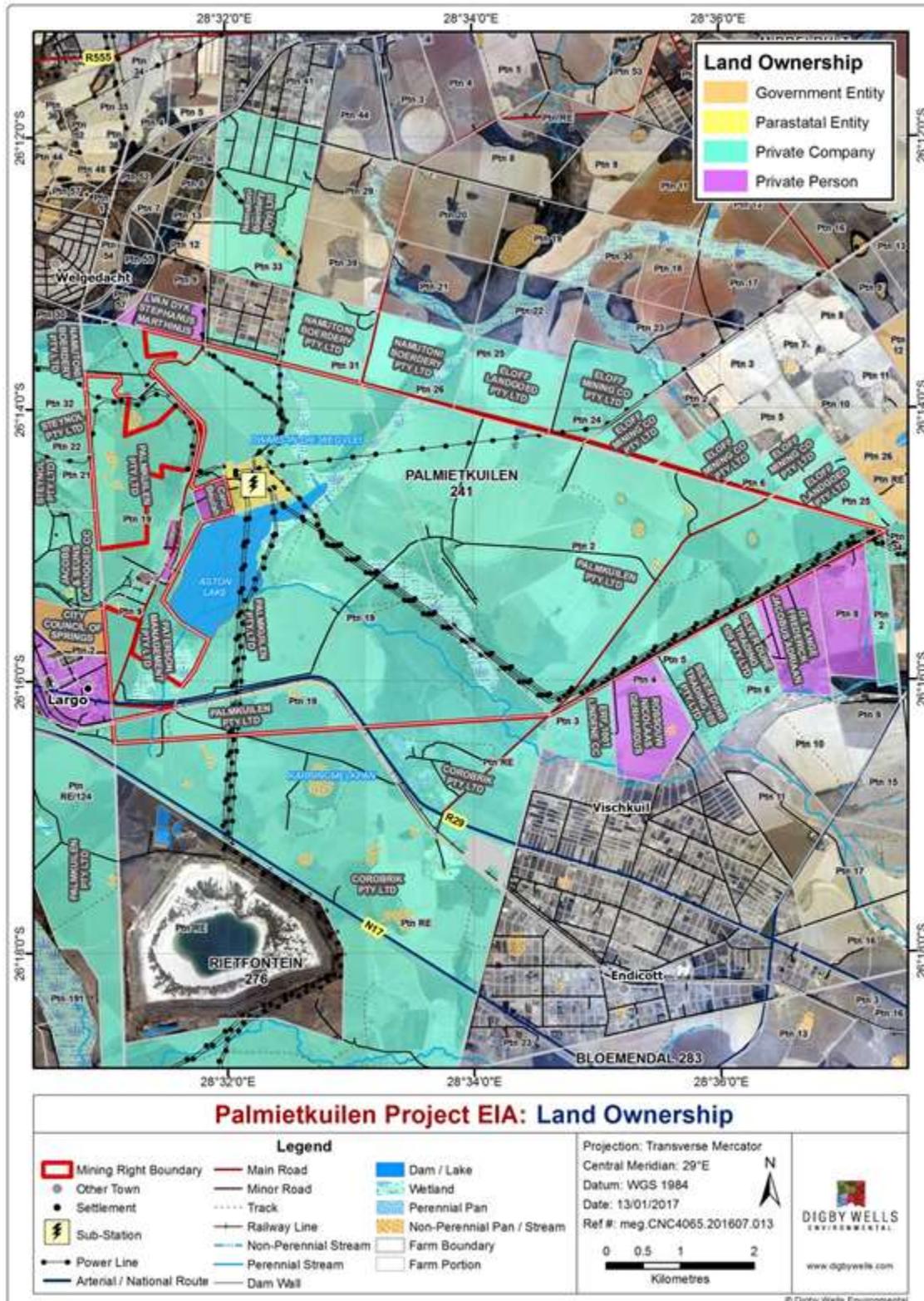
Stakeholders for the proposed project are grouped into the following categories:

- **Government:** National, Provincial, District and Local authorities;
- **Landowners:** Directly affected and surrounding landowners;
- **Land occupiers:** Directly affected and surrounding land occupiers;
- **Communities:** Surrounding communities;
- **Non-Governmental Organisations (NGOs):** Environmental and social organisations;
- **Agriculture:** associations or organisations focussed on agricultural activities; and
- **Business:** small and medium enterprises and formal organisations.

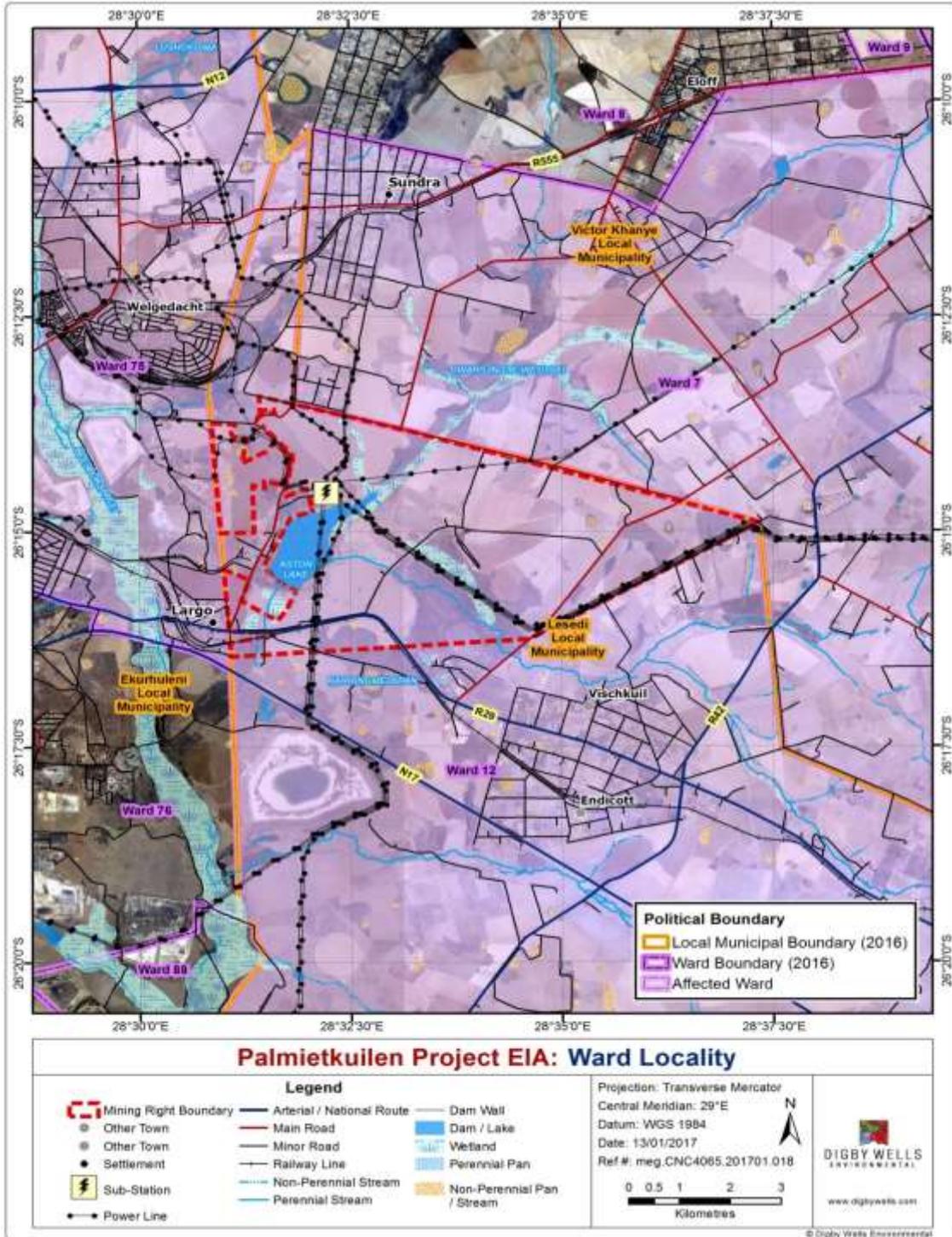
A stakeholder database was compiled and updated throughout the PPP with new stakeholders (refer to Appendix A). Directly affected and adjacent landowners for the proposed project are included in Table 1 below. Plan 1 and Plan 2 shows the Land Ownership and Municipal Ward Locality respectively.

**Table 1: Directly Affected**

<b>Farm and Portions</b>	<b>Landowners</b>
Portion 1 of the farm Palmietkuilen IR	Transnet (Pty) Ltd.
Portion 4 and 13 of the farm Palmietkuilen IR	Eskom Holdings
Portion 2 and 19 of the farm Palmietkuilen IR	Palmietkuilen (Pty) Ltd.
Portion 9 of Farm Palmietkuilen 241 IR	Paterson Management (Pty) Ltd.



Plan 1: Land Ownership



Plan 2: Municipal Ward Locality

## 2.1.2 Public Participation Media

The legislative requirements indicate that specific media / materials be utilised as part of the PPP. Over and above the legislative requirements, the following media have been utilised for the PPP to inform stakeholders of the proposed project (see Table 2 for further details). The various Public Participation media / materials used during the Scoping phase have been included as Appendix C.

- **BID:** included the location and a project description, legislative processes and requirements, specialist studies that have been conducted, a list of competent authorities, triggered listed activities in terms of NEMA, and the consultation / registration process with contact details of the Stakeholder Engagement Office and Project team members' details.
- **Newspaper Advertisement:** an English newspaper advertisement was placed in one regional newspaper. The advertisement included a brief project description, applicable legislation, competent authorities, details of the appointed EAP and information about availability of the Scoping Report for public comment and details about the Public Meeting.
- **Site Notices:** English site notices were put up at various places as indicated in Table 2. These site notices contained a brief project description, information about the required legislation, competent authorities, details of the appointed EAP, information about availability of the Scoping Report for public comment and the Public Meeting.
- **Announcement Letter with Comment and Registration Form:** a letter was sent in English which contained information about the proposed project, applicable legislation and competent authorities, details of the EAP, information about availability of the Scoping Report for public comment and details pertaining to the Scoping Phase Public Meeting. A Registration and Comment Sheet was also provided for stakeholders to use for formal registration as I&APs or to submit comments.
- **Progress Letters:** A letter notifying stakeholders that the Scoping Report has been approved by the Department of Mineral Resources (DMR) was emailed to stakeholders were also sent to the complete stakeholder database.
- **Maps:** various maps were on display throughout the proceedings of stakeholder meetings undertaken. These included regional locality, project footprint and proposed infrastructure.
- **PowerPoint Presentation:** a PowerPoint presentation, together with various maps, were utilised as the foundation of discussions at all stakeholder meetings. This presentation provided an overview of the Draft Scoping Report content and also set out the PPP with relevant dates and contact details of the EAP.

### 2.1.3 Consultation with Stakeholders

Comments raised by stakeholders have been captured in the Comment and Response Report (CRR) (see Appendix D) and was closely considered and addressed, where applicable, by the project team in order to ensure the scope for specialist studies to be undertaken during the Impact Assessment Phase is well defined. Responses have been provided to stakeholder comments and included in the CRR throughout the PPP. A summary of stakeholder comments are also listed as **Error! Reference source not found.** The PowerPoint presentation utilised as part of the various stakeholder meetings are appended hereto as Appendix E.

It is also noted that telephonic discussions were undertaken with stakeholders throughout the Scoping Phase to inform them about meetings to be held and also to obtain comments. These discussions were predominantly on an ad-hoc basis via telephone and mostly with landowners, community leaders and ward councillors for the affected wards.

The intention of the varied stakeholder meetings was to solicit detailed stakeholder comments from specific sectors of society, provide project details and explain the Environmental Impact Assessment (EIA) and PPP. Having various stakeholder meetings was largely motivated by requests from stakeholders and their need to have discussions around specific requirements and concerns, for example employment, social development and land acquisition. Translation into the appropriate language(s) was available at the stakeholder meetings. Below are the various stakeholder meetings held (further details are available in Table 2).

#### 2.1.3.1 Landowner One-on-One Meeting/s

Directly affected landowners and the majority of the adjacent landowners were consulted by means of one-on-one meeting during which project details were provided, discussions were held to obtain comments and to identify additional landowners. This was undertaken during announcement of the project with only the BID being available to stakeholders as a reference to the project. A map was also used as part of the discussions to provide landowners with a reference to locality and recognisable landmarks. Key comments from landowners included, but isn't limited to the following:

- Confirmation of project timelines and infrastructure locations;
- ;
- Process associated with land acquisition;
- Impact on water quality and availability;
- Impact of blasting and dust; and
- Influx of people causing safety concerns.

### **2.1.3.2 Community Meeting**

A community meeting was held at the end the Scoping Phase with the Schoeman Umbila Boerdery Community. The intention of the meeting was to provide details of the project and to understand key concerns from the Umbila Community. This meeting was attended by representative/s from community and members of the community. The formal presentation and printed maps used at the Scoping Phase Public Meeting were presented. Key comments from attendees included, but isn't limited to the following:

- Any plans for relocation of the people living in the area;
- Jobs for the local community during the operation of the mine;
- Health hazards during mining;
- Any specific skills or qualifications required to work for the mine; and
- The grave location plan.

### **2.1.3.3 Public Meeting**

A Public Meeting was arranged for all stakeholders who are affected by or interested in the Project. The intention of the meeting was to share Project details, address comments already received from community leaders where possible, and to obtain further comments. Attendance was from some residents in the area resulted in informal discussions taking place. Comments received were similar to what was received at the community meeting/s.

In Table 2, more details are provided on the PP activities undertaken during the Scoping Phase, together with referencing materials appended.

**Table 2: Public Participation Scoping Phase Activities**

<b>Activity</b>	<b>Details</b>	<b>Reference in Report</b>
Identification of stakeholders	Stakeholder database which represent various sectors of society, including directly affected and adjacent landowners, in and around the proposed project area.	<b>Appendix B1</b> Stakeholder database
Distribution of announcement letter and Background Information Document (BID)	BID, announcement letter with Registration and Comment Form was emailed and posted to stakeholders on Thursday, <b>11 August 2016</b> .	<b>Appendix B 2</b> Public Participation Materials
Placement of a newspaper advertisement	An English advert was placed in the Springs Advertiser on Thursday, <b>18 July 2016</b> .	<b>Appendix B 2</b> Public Participation Materials

Activity	Details	Reference in Report
Placement of site notices	<p>English site notices were put up at the proposed project site, local libraries, municipal offices and frequently visited shops or recreational venues on Wednesday, <b>10 August 2016</b>:</p> <ul style="list-style-type: none"> <li>▪ Bakerton Public Library;</li> <li>▪ Heidelberg Public Library;</li> <li>▪ Springs Public Library;</li> <li>▪ On road side of R555 Road;</li> <li>▪ On road side of R29 Road (at a Chicken Farm);</li> <li>▪ Aston Lake; and</li> <li>▪ Various locations bordering the site.</li> </ul>	<p><b>Appendix B 2</b> Public Participation Materials</p>
Announcement of Draft Scoping Report	<p>Announcement of availability of the Draft Scoping Report was emailed to stakeholders together with the formal project announcement on Friday, <b>11 August 2016</b>. Copies of the Scoping Report were made available at:</p> <ul style="list-style-type: none"> <li>▪ Bakerton Public Library;</li> <li>▪ Heidelberg Public Library; and</li> <li>▪ Springs Public Library;</li> </ul> <p>The Draft Scoping Report was made available on <a href="http://www.digbywells.com">www.digbywells.com</a> (under Public Documents) and at the various Stakeholder Meetings.</p> <p><i>(Comment period: 12 August – 10 September 2016)</i></p>	<p><b>Appendix B 3</b> Progress Materials</p>
Meetings with stakeholders	<p>A letter to invite stakeholders to the Public Meeting was sent to the complete stakeholder database on Tuesday, 12 August 2016.</p> <p>The following meetings with stakeholders were arranged:</p> <ul style="list-style-type: none"> <li>▪ Various landowners were also consulted on a one-on-one basis during <b>September and October 2016</b>;</li> <li>▪ Public Meeting: Wednesday, <b>24 August 2016</b> at the Stable Inn in Springs, 12:00 – 14:00</li> <li>▪ Community Meeting: Sunday, <b>20 November 2016</b> at the Schoeman Umbila Boerdery Community Church, 09:00 – 11:00</li> </ul>	<p><b>Appendix B 3</b> Progress Materials</p> <p><b>Appendix B 4</b> Comment and Response Report</p>

Activity	Details	Reference in Report
Announcement of the Final Scoping Report	<p>Final Scoping Report was submitted to Department of Mineral Resources on <b>16 September 2016</b>. A notification for availability of the Final Scoping Report was emailed and posted to stakeholders on <b>16 October 2016</b>. Copies of the Final Scoping Report have been made available at:</p> <ul style="list-style-type: none"> <li>▪ Bakerton Public Library;</li> <li>▪ Heidelberg Public Library; and</li> <li>▪ Springs Public Library;</li> </ul> <p>The Final Scoping Report was made available on <a href="http://www.digbywells.com">www.digbywells.com</a> under Public Documents.</p>	<b>Appendix B 3</b> Progress Materials
Obtaining comments from stakeholders	Comments, issues of concern and suggestions received from stakeholders are captured in the Comment and Response Report.	<b>Appendix D</b> Comment and Response Report

## 2.2 Public Participation Impact Assessment Phase Activities

In Table 3, more detail is provided about the PP activities undertaken during the Impact Assessment Phase, together with referencing materials appended.

**Table 3: Public Participation Impact Assessment Phase Activities**

Impact Assessment Phase	
Announcement of Draft EIA/EMP Reports	<p>Announcement of availability of the Draft EIA/EMP Reports will be emailed and posted to stakeholders on Thursday, 30 March 2017. Copies of the Draft EIA/ EMP Reports will be made available at the following public places:</p> <ul style="list-style-type: none"> <li>▪ Bakerton Public Library;</li> <li>▪ Delmas Public Library;</li> <li>▪ Springs Public Library; and</li> <li>▪ Vischkuil Clinic, (Endicott)</li> </ul> <p>The Draft EIA/EMP Reports will be made available on <a href="http://www.digbywells.com">www.digbywells.com</a> (under Public Documents) and at the various stakeholder meetings.</p> <p><i>(Comment period: Friday 31 March to Wednesday 3 May 2017)</i></p>
Focus Group Meetings	<p>It is anticipated that Focus Group Meetings will be held. Stakeholders will be informed of the various meetings via email and telephonic discussions. Additional methods of informing stakeholders of the meetings such as placing notices will be considered and implemented.</p>
Meetings with stakeholders	<p>Meetings will be held with all stakeholders, and specifically so communities, following the release of the Draft EIA for public review. The following dates and venues are proposed:</p> <ul style="list-style-type: none"> <li>▪ Open Day: 22 and 23 April 2017 – details to be distributed</li> </ul>

Impact Assessment Phase	
Obtaining comments from stakeholders	Comments, issues of concern and suggestions received from stakeholders will be captured in the CRR.
Announcement of the Final EIA/EMP Reports	Notification for availability of the Final EIA/EMP Reports will be emailed to stakeholders. SMS notification will also be sent to stakeholders. Copies of the reports will be made available Digby Wells' website <a href="http://www.digbywells.com">www.digbywells.com</a> under Public Documents. (Comment period: 31 March 2017 – 03 May 2017)

### 3 Decision-making Phase

The DMR, as competent authority, will issue a decision about the Environmental Authorisation (EA) for the proposed Project. The decision will need to be communicated to stakeholders as prescribed under the NEMA legislation. As such, notification to stakeholders will be done by means of a letter via email, sms and post.

### 4 Stakeholder Comments

Provide below in Table 4 is a summary of stakeholder comments received thus far.

**Table 4: Summary of stakeholder comments**

Category	Comments
Water	<ul style="list-style-type: none"> <li>▪ Negative impact to the Blesbokspruit;</li> <li>▪ Negative impacts to borehole water (groundwater);</li> <li>▪ Municipal water is not readily available to all residents;</li> <li>▪ Potential negative impacts to the Aston Lake; and</li> <li>▪ Concerns regarding water compensation to surrounding residents.</li> </ul>
Socio-economic	<ul style="list-style-type: none"> <li>▪ Displacement of residents within the mine boundary; and</li> <li>▪ Job creation should not be at the expense of the environment.</li> </ul>
Health and Safety	<ul style="list-style-type: none"> <li>▪ New people being brought into the area could result in theft / crime; and</li> <li>▪ Concerns regarding asthma and air pollution-related diseases.</li> </ul>
Land Value / Ownership	<ul style="list-style-type: none"> <li>▪ Mining will deteriorate the property values in the area; and</li> <li>▪ Negative impact to surrounding businesses.</li> </ul>
Agriculture	<ul style="list-style-type: none"> <li>▪ Loss of agricultural land in and around the mine boundary; and</li> <li>▪ The project site will destroy good agricultural land.</li> </ul>
Air quality	<ul style="list-style-type: none"> <li>▪ Dust emissions.</li> </ul>
Heritage	<ul style="list-style-type: none"> <li>▪ Graves located within the proposed open pit area will need to be relocated.</li> </ul>
Ecology	<ul style="list-style-type: none"> <li>▪ Wetland destruction within the mine boundary.</li> </ul>
Blasting	<ul style="list-style-type: none"> <li>▪ Concerns of blasting on surrounding structures and the</li> </ul>

	proposed communication streams and compensation from Canyon.
Roads and Transport	<ul style="list-style-type: none"> <li>▪ Haul trucks affecting the surrounding road network.</li> </ul>
Environmental Impact Assessment	<ul style="list-style-type: none"> <li>▪ Scepticism surrounding the legislated NEMA EIA Process; and</li> <li>▪ Authorities must consider the regional cumulative impact of another mining operation in the area.</li> </ul>
Public Participation	<ul style="list-style-type: none"> <li>▪ Some residents want the public meetings to be held closer to the project area.</li> <li>▪ General dissatisfaction surrounding communication between Canyon Coal and I&amp;APs.</li> </ul>
Need and Desirability for the Project	<ul style="list-style-type: none"> <li>▪ The majority of I&amp;AP comments received are opposed to the Project.</li> </ul>

Public Participation Report

Integrated Environmental Impact Assessment for the Proposed Palmietkuilen Coal Mine near Springs, Gauteng

CNC4065



## Appendix A: Stakeholder Database



# DIGBY WELLS

## ENVIRONMENTAL

### ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED PALMIETKUILEN COAL MINE NEAR SPRINGS, GAUTENG

**GP 30/5/1/2/2/10047MR**

## STAKEHOLDER DATABASE

ORGANISATION	FIRST NAME	LAST NAME
Afriforum	JA	Van der Muller
AfriForum Rayton/Cullinan	Reline	Badenhorst
Agri South Africa	Ellen	Van Die Kerk
Agri South Africa	Gehard	Botha
Amanyathelo Trading Enterprise (Pty) Ltd	Musa	Selepe
Asijiki	Michael	Neabe
Association of Southern African Professional Archaeologists (ASAPA)	Louisa	Hutten
Aston Lake	Marius	Vierra
Aston Lake	Marcel	Cajacob
Aston Lake	Mr	Derckson
Aston Lake	JP	Jordaan
Aston Lake	Gawic	Vermeulen
Aston Lake	William	Vermeulen
Birdlife Association	Carolyn	Ashene
BirdLife South Africa	Daniel	Marnewick
Birdlife South Africa	Simon	Gear
Blesbokspruit Conservation	Mike	Hood
Canyon Coal	Liza	Mills
Canyon Coal	Melissa	Pillay
Chambeano Riding School	Angelique	Hulme
Chamber of Business	Nikisi	Lesufi
Chamber of Business	Stephinah	Mudau
Civil Aviation Authority	Riaan	Myburgh
Congress of South African Trade Unions (COSATU)	Norman	Mampane
Coram Deo Boerdery	Gerhard	Rossouw
Corobrik (Pty) Ltd	David	Matlou
Council of Geosciences	Henk	Coetzee
Democratic Alliance	Jackie	Rally
Department of Agriculture , Forestry and Fisheries (DAFF)	Lydia	Bosoga
Department of Agriculture , Forestry and Fisheries (DAFF)	Nomvuzo	Mjadu
Department of Agriculture, Forestry and Fisheries (DAFF)	Mary Jean	Gabriel
Department of Agriculture, Forestry and Fisheries (DAFF)	Mashudu	Marubini
Department of Agriculture, Forestry and Fisheries (DAFF)	Mpume	Ntlokwana

Department of Agriculture, Forestry and Fisheries (DAFF)	HJ	Buys
Department of Agriculture, Forestry and Fisheries (DAFF)	Portia	Khumalo
Department of Environmental Affairs (DEA)	Tsakani	Sambo
Department of Environmental Affairs (DEA)	Hlamarisa	Mavodze
Department of Environmental Affairs (DEA)	Amanda	Britz
Department of Environmental Affairs (DEA)	Anthon	Maluka
Department of Environmental Affairs (DEA)	Lucas	Mahlangu
Department of Environmental Affairs (DEA)	Mark	Gordon
Department of Environmental Affairs (DEA)	Masina	Lintsoane
Department of Environmental Affairs (DEA)	Mmatlala	Rabothata
Department of Environmental Affairs (DEA)	Millicent	Solomons
Department of Environmental Affairs (DEA)	Nyiko	Nkosi
Department of Environmental Affairs (DEA)	Nditsheni	Ramuhulu
Department of Environmental Affairs (DEA)	Obed	Baloyi
Department of Environmental Affairs (DEA)	Pumeza	Skepe
Department of Environmental Affairs (DEA)	Vincentia	Phukubye
Department of Environmental Affairs (DEA)	Zingisa	Phohlo
Department of Health (DOH)	Albert	Marumo
Department of Health (DOH)	Andre	Kilian
Department of Mineral Resources (DMR)	Dimakatso	Ledwaba
Department of Mineral Resources (DMR)	Engelina	Serepo
Department of Mineral Resources (DMR)	Jimmy	Sekgale
Department of Mineral Resources (DMR)	Mashudu	Maduka
Department of Mineral Resources (DMR)	Moleseng	Tlaila
Department of Mineral Resources (DMR)	Rudzani	Mabogo
Department of Mineral Resources (DMR)	Vhudzisani	Manukha
Department of Public Works	Molatelo	Mohaswa
Department of Public Works, Roads and Transport (MDPWRT) Mpumalanga	Samuel	Msiza
Department of Roads and Transport (GDRT) Gauteng	Ronald	Swartz
Department of Rural Development and land Reform (DRDLR)	Jennifer	Moeti
Department of Rural Development and land Reform (DRDLR)	Laura	Mafokoane
Department of Rural Development and Land Reform (DRDLR)	Solomon	Maruma
Department of Rural Development and Land Reform(DRDLR)	Rachel	Masango
Department of Social Development ( DSD)	Tshoki	Tshabalala
Department of Water and Sanitation (DWS)	Bashan	Govender
Department of Water and Sanitation (DWS)	Marius	Keet
Department of Water and Sanitation (DWS)	Senzo	Nyathikazi
Digby Wells Environmental	Qondile	Monareng
Digby Wells Environmental	Stephanie	Aken
Eagle Burgmann	Braam	Erasmus
Ekurhuleni Metropolitan Environmental Forum	Thabo	Sibeko
Ekurhuleni Metropolitan Municipality	Andre	du Plessis
Ekurhuleni Metropolitan Municipality	Bettie	Damari
Ekurhuleni Metropolitan Municipality	Cecilia	Rakgoale
Ekurhuleni Metropolitan Municipality	Stewart	Green
Ekurhuleni Metropolitan Municipality	David	van der Merwe
Ekurhuleni Metropolitan Municipality	Dean	Stone
Ekurhuleni Metropolitan Municipality	Johan	Koekemoer
Ekurhuleni Metropolitan Municipality	Oupa	Nkoane
Ekurhuleni Metropolitan Municipality	Shadi	Tsebe
Ekurhuleni Metropolitan Municipality	Tracy	Butter

Ekurhuleni Metropolitan Municipality	Vuyelwa	Mabena
Ekurhuleni Metropolitan Municipality	Wally	Labuschagne
Ekurhuleni Metropolitan Municipality	Sakie	Kekana
Ekurhuleni Metropolitan Municipality	Lungile	Nxiba
Ekurhuleni Metropolitan Municipality	John	Nxumalo
Endangered Wildlife Trust (EWT)	Catherine	Hughes
Endangered Wildlife Trust (EWT)	Karryn	Morrison
Endangered Wildlife Trust (EWT)	Kirsty	Brebner
Endangered Wildlife Trust (EWT)	Yolan	Friedmann
Eskom	Lindiwe	Motaung
Eskom	Khathutshelo	Nesendande
Eversheds on behalf of Rainbow Farms (Pty) Ltd	Aldine	Armstrong
Eversheds on behalf of Rainbow Farms (Pty) Ltd	Nicole	Smith
Federation of Sustainable Environment (FSE)	Mariette	Liefferink
Gauteng Department of Agriculture and Rural Development (GDARD)	Boniswa	Belot
Gauteng Department of Agriculture and Rural Development (GDARD)	Justine	Chan
Gauteng Department of Agriculture and Rural Development (GDARD)	Kagiso	Seleka
Gauteng Department of Agriculture and Rural Development (GDARD)	Phuti	Matlamela
Gauteng Department of Agriculture and Rural Development (GDARD)	Steven	Makhola
Gauteng Department of Agriculture and Rural Development (GDARD)	Steven	Mukhola
Geigerle	Thinus	van Dyk
Gold One Group Limited	Sibongile	Booi
Grootvaly	Brenda	Morris
Grootvaly	J. E.	Jacobs
Grootvaly	Mary	Reynolds
Grootvaly	Phillip	de Jager
Grootvaly	Ronnie	
Grootvaly	Sean	Stewart
Grootvaly	Wayne	van Aswegen
Grootvaly	Ann	De Jager
Grootvaly	Wayne	De Jager
Grootvaly	Bianca	Gassmann
Grootvaly	Helene	Gassmann
Grootvaly	Robert	Gassmann
Grootvaly	Elisa	Jacob
Grootvaly	Marius	Kriel
Grootvaly	Henry	Ludick
Grootvaly	Andrea	Nel
Grootvaly	Jared	Newby
Grootvaly	Ron	Newby
Grootvaly	Gill	Taylor
Grootvaly	Rob	Taylor
Grootvlei Farm 124, Portion 17	Eddie	Jacobs
Henry Vermeulen Trust	Henry	Vermeulen
Heritage South Africa	Carol	Podd
Jacobs and Seuns Landgoed cc/Grootvlei Farm 124 Portion 17	Jackie	Jacobs
Khumusa Trading Empower Transport & Hire	Musa	Sibiya
Land Claims Commissioner	Catharine	Mahlangu
Land Claims Commissioner	Desiree	Kgole
Largo	Mathys	Jacobs

Lesedi Local Municipality	Andrew	Machitje
Lesedi Local Municipality	M.C	Steyn
Lesedi Local Municipality	Lerato	Maloka
Lesedi Local Municipality	Minimuzi	Ncala
Lesedi Local Municipality	Isaac	Rampedi
Lesedi Local Municipality	Smith	Mnyakeni
Lesedi Local Municipality	Thamie	Gorati
Lesedi Local Municipality	Tshepo	Malakane
Magalies Water	Idah	Dikeledi
Mariteng Consultant Eng, Traffic Eng for Project	Louis	Du Toit
Mining Affected Communities in Action	Meshack	Mbangula
Namutoni Boerdery (Pty) Ltd	Johan	Minnaar
Namutoni Boerdery (Pty) Ltd	Joseph	Mabitle
National Nuclear Regulator (NNR)	Patle	Mohajane
Neorabo Construction	Lucky	Magolego
Nkangala District Municipality	E	Makhabane
Nkangala District Municipality	Solly	Links
Nkangala District Municipality	Vusi	Mahlangu
Nkangala District Municipality	Walter	Makgai
Nkangala District Municipality	Butie	Mathe
Nkangala District Municipality	L	Dikgale
Nkangala District Municipality	S.K	Mashilo
Nkangala District Municipality	Precious	Raputsoa
Nkangala District Municipality	Millicent	Skosana
Nkangala District Municipality	N.A.L	Mtsweni
Nkangala District Municipality	Thomas	Ngwenya
Nkangala District Municipality	Andiswa	Thwala
Nkangala Logistics	William	Dude
Office of the Regional Land Claims Commissioner: Gauteng Province	Kamogelo	Gaokwathe
Parliament of RSA	Ntokozo	Mkosana
Paterson Management (Pty) Ltd	Carol	Bouah
Peprassing Inc	Les	Cass
Portion 7 of Vischkuil	Frederick	de Lange
Provincial Heritage Resources - Gauteng	Maphata	Ramphele
Provincial Heritage Resources Authority - Gauteng	Tebogo	Molokomme
SANBI	Anika	Govender
Schoeman Boerdery/Eskom Holdings Ltd	Brenton	Parrot
Schoeman Umbila Boerdery	Kagiso	Kgosiemane
Schoeman Umbila Boerdery	Dimakatso	Mabuya
Schoeman Umbila Boerdery	Sonto	Molefe
Schoeman Umbila Boerdery	Success	Mdluli
Schoeman Umbila Boerdery	Susan	Maangoale
Schoeman Umbila Boerdery	Obed	Babedi
Schoeman Umbila Boerdery	Maggie	Boneni
Schoeman Umbila Boerdery	Maggie	Boneni
Schoeman Umbila Boerdery	Bulelani	Cunukelo
Schoeman Umbila Boerdery	Bukelwa	Dayimani
Schoeman Umbila Boerdery	Ntombizanele	Dayimani
Schoeman Umbila Boerdery	Thandeka	Dayimani
Schoeman Umbila Boerdery	Jacob	Dimo
Schoeman Umbila Boerdery	Joseph	Dimo
Schoeman Umbila Boerdery	Albert	Eavala

Schoeman Umbila Boerdery	Gabriel	Eavala
Schoeman Umbila Boerdery	G	Gontse
Schoeman Umbila Boerdery	Khulekani	Hlatshwayo
Schoeman Umbila Boerdery	Jan	Januarie
Schoeman Umbila Boerdery	Frans	Kgosiemane
Schoeman Umbila Boerdery	Liza	Kgosiemane
Schoeman Umbila Boerdery	Buyiswa	Khoboka
Schoeman Umbila Boerdery	Abel	Khumalo
Schoeman Umbila Boerdery	Jermia	Kubheka
Schoeman Umbila Boerdery	Abram	Kunene
Schoeman Umbila Boerdery	Ben	Kunene
Schoeman Umbila Boerdery	Lucky	Maangoale
Schoeman Umbila Boerdery	Peter	Maangoale
Schoeman Umbila Boerdery	Oupa	Mabedi
Schoeman Umbila Boerdery	Betty	Mabengu
Schoeman Umbila Boerdery	Donald	Mabengu
Schoeman Umbila Boerdery	Betty	Mabhengu
Schoeman Umbila Boerdery	Melita	Magwale
Schoeman Umbila Boerdery	Bafana	Mahlangu
Schoeman Umbila Boerdery	Dolly	Mahlangu
Schoeman Umbila Boerdery	Goodboy	Mahlangu
Schoeman Umbila Boerdery	Pretty	Mahlangu
Schoeman Umbila Boerdery	Elias	Maila
Schoeman Umbila Boerdery	Peggy	Malika
Schoeman Umbila Boerdery	Pula	Malipile
Schoeman Umbila Boerdery	Clement	Malobola
Schoeman Umbila Boerdery	Cedric	Manape
Schoeman Umbila Boerdery	Peter	Mangwale
Schoeman Umbila Boerdery	Michael	Masehla
Schoeman Umbila Boerdery	Thabang	Masehla
Schoeman Umbila Boerdery	Sipho	Mashaba
Schoeman Umbila Boerdery	Robert	Masilela
Schoeman Umbila Boerdery	John	Masuku
Schoeman Umbila Boerdery	Michael	Mathenjwa
Schoeman Umbila Boerdery	Gugu	Mbanjwa
Schoeman Umbila Boerdery	Barren	Mchamba
Schoeman Umbila Boerdery	Ntombiyenkosi	Mcira
Schoeman Umbila Boerdery	Thabo	Mcira
Schoeman Umbila Boerdery	Eric	Mcoliwe
Schoeman Umbila Boerdery	Eddy	Mhlabati
Schoeman Umbila Boerdery	Queen	Mkhonto
Schoeman Umbila Boerdery	Daniel	Mkhonza
Schoeman Umbila Boerdery	Martha	Mkhonza
Schoeman Umbila Boerdery	Petros	Mlangeni
Schoeman Umbila Boerdery	Sibongile	Mlangeni
Schoeman Umbila Boerdery	Zodwa	Mncwangu
Schoeman Umbila Boerdery	William	Mnisi
Schoeman Umbila Boerdery	Barret	Mochamba
Schoeman Umbila Boerdery	Makofa	Mofokeng
Schoeman Umbila Boerdery	Patrick	Mohlala
Schoeman Umbila Boerdery	Sphiwe	Mokoena
Schoeman Umbila Boerdery		Mokoena
Schoeman Umbila Boerdery	Muisie	Mokwena

Schoeman Umbila Boerdery	Nyaleng	Molefe
Schoeman Umbila Boerdery	Puleng	Molefe
Schoeman Umbila Boerdery	Thomas	Moreko
Schoeman Umbila Boerdery	Peter	Moriapoo
Schoeman Umbila Boerdery	Jan	Mosehla
Schoeman Umbila Boerdery	Edwin	Motaung
Schoeman Umbila Boerdery	Nosipho	Mposwa
Schoeman Umbila Boerdery	Bonisiwe	Mshiliba
Schoeman Umbila Boerdery	Nhlanhla	Mthimunye
Schoeman Umbila Boerdery	Stanely	Mthimunye
Schoeman Umbila Boerdery	Mandela	Mtjali
Schoeman Umbila Boerdery	Mandla	Mtshali
Schoeman Umbila Boerdery		Mtshali
Schoeman Umbila Boerdery	Thando	Ncunukelo
Schoeman Umbila Boerdery	Alhious	Ndlela
Schoeman Umbila Boerdery	Ntombifuthi	Ngcakaza
Schoeman Umbila Boerdery	Ntombifuthi	Ngcakaza
Schoeman Umbila Boerdery	Aaron	Ngwenya
Schoeman Umbila Boerdery	Zanele	Nhlabathi
Schoeman Umbila Boerdery		Nhlabathi
Schoeman Umbila Boerdery	Thami	Nhlapo
Schoeman Umbila Boerdery	Baba	Nkosi
Schoeman Umbila Boerdery	Lucky	Nkosi
Schoeman Umbila Boerdery	Mbulawa	Nkosi
Schoeman Umbila Boerdery	Ninise	Nqameni
Schoeman Umbila Boerdery	L F	Ntuli
Schoeman Umbila Boerdery	Melita	Ramapulani
Schoeman Umbila Boerdery	Andries	Rapodile
Schoeman Umbila Boerdery	Elizabeth	Rapodile
Schoeman Umbila Boerdery	Elizabeth	Rapodile
Schoeman Umbila Boerdery	Jimmy	Rapodile
Schoeman Umbila Boerdery	H E	Ratiti
Schoeman Umbila Boerdery	Sphathi	Sehoko
Schoeman Umbila Boerdery	Efraim	Simelane
Schoeman Umbila Boerdery	Anna	Skhosana
Schoeman Umbila Boerdery	Sipho	Skhosana
Schoeman Umbila Boerdery	Elsie	Skosana
Schoeman Umbila Boerdery	Mpho	Skosana
Schoeman Umbila Boerdery	Simon	Skosana
Schoeman Umbila Boerdery	James	Tau
Schoeman Umbila Boerdery	Wiseman	Thapelo
Schoeman Umbila Boerdery	Albert	Vala
Schoeman Umbila Boerdery	Miriam	
Sedibeng District Municipality	Busisiwe	Modisakeng
Sedibeng District Municipality	Khulu	Malindi
Sedibeng District Municipality	Mabandla	Ronyuza
Sedibeng District Municipality	Melina	Gomba
Sedibeng District Municipality	Yunus	Chamda
Sedibeng District Municipality	Z	Raikane
Sedibeng District Municipality	Morongwe	Mazibuko
Sedibeng District Municipality	Simon	Maphalla
Sedibeng District Municipality	Veilms	Mcera
Sedibeng District Municipality	Yusuf	Mohammed

Sedibeng District Municipality	Sorrious	Manele
South African Heritage Resources Agency (SAHRA)	Godfrey	Tshivhalavhala
South African Heritage Resources Agency (SAHRA)	Phillip	Hine
South African Transport and Allied Workers Union (SATAWU)	Solomon	Mahlangu
Springs Advertiser	Anna	Robertson
Steynol (Pty) Ltd	Clive	Macfarlane
Steynol (Pty) Ltd	Jongi	Sisulu
Steynol (Pty) Ltd	Kobus	Rothmann
Steynol (Pty) Ltd	Mario	Marion
Streeknuus	Lazere	Neveling
Transnet	Phillip	de Klerk
Transnet	Tshilidzi	Mabulwane
Transnet Freight Rail (TFR)	Yuza	Chabalala
Transnet Ltd	Thomas & Maria	Janse van Vuuren
Transnet Ltd	Kobus	van der Merwe
Transvaal Agricultural Union of South Africa (TAUSA)	Louis	Meintjies
Umcembo Construction and Jokazi Logistics	Nhlanhla	Jokazi
Van Heerden Transport	Eddie	van Heerden
Venter Vervoer	David	Venter
VHTS	Hansie	Van Heerden
Waterman Drilling and Pumps	Jaco	Schoen
Wildlife and Environment Society of South Africa (WESSA)	Michael	John
Wildlife and Environment Society of South Africa (WESSA)	Rudzani	Nemukula
Wildlife and Environment Society of South Africa (WESSA)	Stan	Madden
Wildlife and Environment Society of South Africa (WESSA)	Garth	Barnes
Working for Wetlands	Lebogang	Ralepeli
Working for Wetlands	Marie	Mathebula
	Allan	Page
	Hazel	Morris
	M	Steyn
	Susan	Steyn
	J.M.	van der Berg
	Gerrie	Mostert
	Christo	Grobler
	Gerhard	Roets
	H B	Vermeulen
	Ian	Page
	Ivan	Visor
	Jill	Humphreys
	Mandie	Foreman
	Matthew	Avinea
	Gaylin	Moloi
	Deborah	Newby
	Stanley	Baker
	Magda	Swanepoel
	Drikus	van der Hoven
	Willem	Heydenrych
	Marissa	Williams
	Mandy	Ferreira
	B	Agwen
	E C	Beirowski
	M	Dippenaar
	Mr	du Plessis

	Maletswai	Kawa
	Adam	Mohapi
	Saul	Ndlangamandla
	Fanie	Oosthuizen

Public Participation Report

Integrated Environmental Impact Assessment for the Proposed Palmietkuilen Coal Mine near Springs, Gauteng

CNC4065



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ENVIRONMENTAL

## Appendix B: Public Participation Materials

## ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED PALMIETKUILEN COAL MINE NEAR SPRINGS, GAUTENG

Anglo Operations Pty Limited (AOL) is proposing the development of the Palmietkuilen Coal Mining project. The proposed Project site falls within the Lesedi Local Municipality and Sedibeng District Municipality, Gauteng Province. AOL proposes to mine using open pit mining methods and coal processing will be undertaken on-site. A Prospecting Right exists for Portion 1, Portion 2, Portion 4, Portion 9, Portion 13, and Portion 19 of the Farm Palmietkuilen 241 IR, and all mining and related infrastructure will be located on Portion 2 and Portion 19 of the Farm Palmietkuilen 241 IR.

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- A Waste management Licence Application to the DMR in accordance with the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008); and
- An Integrated Water Use License Application to the Department of Water and Sanitation in terms of the National Water Act, 1998 (Act No. 36 of 1998).

Digby Wells Environmental (Digby Wells) has been appointed by Canyon Shared Services on behalf of Pandospan (Pty) Ltd as the Independent Environmental Assessment Practitioner (EAP) to undertake the Environmental Impact Assessment (EIA) process, which will include the completion of specialist studies and a Public Participation process.

The Draft Scoping Report will be available for public comment from the **12th August 2016 to 10th September 2016** at the following places:

Person	Location	Contact
Tebogo Kekana	Springs Public Library, 55 Fifth street, Springs, Gauteng	(011) 999 8801/14
Beatrice Sepogwane	Heidelberg Public Library, Jacob Street	(011) 492 0050
Sive Gaxa	Bakerton Library, Cnr 1 <sup>st</sup> Avenue and Teabush Avenue	(011) 999 8826

Electronic copies can be obtained from the Digby Wells website: [www.digbywells.com](http://www.digbywells.com) (under Public Documents) or in CD format from Qondile Monareng on (011) 789 9495.

To further enhance public understanding of the Project, a Public Meeting, as indicated below, will be held to facilitate discussion on the Scoping Report and to obtain stakeholder comments and inputs.

Date	Time	Venue
Wednesday, 24 August 2016	12:00 – 14:00	Stable Inn, 11 Vlei Road, Springs

You are welcome to contact the Stakeholder Engagement Office on Tel: 011 789 9495, Fax: 086 583 5715, Postal: Private Bag X10046, Randburg, 2125, Email: [gondile.monareng@digbywells.com](mailto:gondile.monareng@digbywells.com) (Stakeholder Engagement). Your input and feedback is highly valued.



Springs Rotary Club member Cheryl Havenga (left) and Siobheanne Landsberg, president of the club, hand over care gift bags for boys and girls to Henry Harber from Wild Wild Guardians.

# Rotarians reach out to Wild Wild Guardians

Henry Harber from Wild Wild Guardians was recently an honoured guest at a Rotary Club of Springs meeting held at Casa Nossa in Selection Park.

He gave the members an informative talk about what his organisation is about and how the community can get involved and assist them.

According to Henry, the public should not turn a blind eye to what is happening in their neighbourhood.

"People should report child abuse to the police," he says.

During this meeting the president, Siobheanne Landsberg, handed over

20 care bags containing toiletries for the children currently in the care of Henry and his wife, Margie.

Henry says children who are

Henry says he welcomes the care bags donated by the Rotary Club of Springs.

welcome gift to all of them," he says.

Landsberg says it is especially the children removed from their homes or who are picked up off the streets and have no possessions of their own who will benefit from these care bags.

The bags contain basic toiletries including a toothbrush, toothpaste, soap, shampoo, a facecloth, comb and a motivational message from the Rotarians.

The Rotarians feel strongly that all children have a right to dignity.

"Basic cleanliness is a good place to start," says Rotarian Cheryl Havenga.

## Cheap eyewear at Kaleideo Eye Care

Your local optometric eye care branches in Brenthurst and Desrley Park have merged to ensure our patients receiving ongoing, top quality services. Kaleideo Eye Care is situated in the Desrley Medical Centre on the corner of Albite Street & Cloverfield Road, Desrley Park, Springs - a mere 8.7km away from Muriel Brand School in Brenthurst. We also have branches in Kempton Park and Pretoria.

The aim of the clinic is to determine the health status of patients' eyes and then provide advice accordingly. Should the patients need spectacles, they would be

able to make an informed decision regarding lenses and frames with the optometrist, Lourens Odendaal and Kristin Pretorius. Consultations include a complete optometric examination, Glaucoma Screening as well as blood sugar measurements, all for **ONLY R110**. Spectacle prices start at R350 for Single Vision, R830 for Bifocals and R1110 for Multifocals. This price includes both the lenses and a guaranteed new frame. There are more than 200 frames to choose from.

Kaleideo Eye Care can accommodate any of the patients' upgrade requirements

as well, such as photochromic lenses, thinning and strengthening of lenses and coatings like hard coats and anti-glare coatings. Kaleideo Eye Care can also provide you with various hard and soft **contact lenses**. We are able to claim from your medical aid should you wish (terms and conditions apply).

**Kaleideo Eye Care Springs** is open Mon, Wed, Thurs & Friday from 08:30 until 16:00. We also have branches in Pretoria and Kempton Park. Call **012 809 0312 / 082 382 5215** during office hours for an appointment.

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- Diesel motor with transmission, 6 cylinder for a Gallion
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- 350 mm cut off machine
- Kawase 400 mm cut off machine
- Paulstra lathe
- Welding machines
- Co2 machines (Gilmakl pm450/ Maxi 505)
- 500dc Miller welding machine
- Pedestal drills
- Kitchen wade radial arm drill
- H1202 lasch hoists
- Ryobi 300 cut off wheel
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Project Code: CNC4065

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Aug 2016



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## Background Information Document for:

## Proposed Palmietkuilen Coal Mining Project, Springs

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**DMRREF NO: GP30/5/1/2/2/10047MR**

**Project Number:**

CNC4065

**Prepared for:**

Pandospan (Pty) Ltd(a subsidiary of the Canyon Group)

**For any project related information contact:**

Digby Wells Environmental – Stakeholder Engagement Office

Tel: (011) 789 9495 or Fax: 086 583 5715

Email: [info@digbywells.com](mailto:info@digbywells.com) ; [sh@digbywells.com](mailto:sh@digbywells.com)

Website: [www.digbywells.com](http://www.digbywells.com) under Public Documents

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Tel: +27 11 789 9495, Fax: +27 11 789 9498, [info@digbywells.com](mailto:info@digbywells.com), [www.digbywells.com](http://www.digbywells.com)

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Directors: AJ Reynolds (Chairman) (British)\*, GE Trusler (C.E.O), B Beringer, LF Koeslag, J  
Leaver\*,  
NA Mehloakulu, DJ Otto  
\*Non-Executive

---



## 1 Introduction

Pandospan (Pty) Ltd (a subsidiary of the Canyon Group), on behalf of Anglo Operations Pty Limited (AOL), is applying for a Mining Right to mine coal on Portions 1, 2, 4, 9, 13 and 19 of the Farm Palmietkuilen 241 IR, near Springs in the Gauteng Province of South Africa. The proposed Project area falls within the Sedibeng District Municipality and borders the Province of Mpumalanga.

This Background Information Document (BID) has been developed to:

- Provide a description of the proposed Project;
- Provide an overview of the environmental regulatory processes which will be undertaken in accordance with the South African legislation; and
- Provide details of the Public Participation Process (PPP) and how stakeholders can become involved.

Digby Wells Environmental (Pty) Ltd. has been appointed by Pandospan, as the mining right cessionary, to undertake the enviro-legal applications relevant to this Project.

## 2 Project Description

The applicant is planning the development of a new open pit coal mining operation, located near Springs within the Gauteng Province, to be known as the Palmietkuilen Coal Mining Project. The Project is a greenfields development with the infrastructure based on Portions 2 and 19 of the Farm Palmietkuilen 241 IR.

It is proposed to extract the coal through open pit mining and the Project is anticipated to have a Life of Mine of approximately 47 years. It is anticipated that the mine will produce 2 400 000 tonnes of coal per annum to supply to local and international markets.

The proposed infrastructure required on site includes the following:

- Access and haul roads;
- Office blocks;
- Workshops;
- A coal processing plant including a filter press;
- Stockpile areas;



- Pollution control dams;
- Slurry dams;
- A return water dam;
- Stormwater trenches and berms; and
- A future development area (to be confirmed).

The establishment of the open pit will lead to the establishment of topsoil, subsoil, and overburden stockpiles. Once coal is extracted it will initially be stored on a Run of Mine (ROM) stockpile before being fed to a processing plant on site which will crush and screen the coal. From there, slurry will be sent to the dense media separator and the remaining solid discard will be placed back into the void. Coal product will be stockpiled on the product stockpile and thereafter transported by truck to the Welgedacht Siding located approximately 2 kilometres (km) from the proposed Project area. The Welgedacht siding is linked to the major rail networks in the area and coal will be transported from there to the relevant markets. Surface water management infrastructure will also be required, thus a pollution control dam will be constructed for all mine-affected water. A slurry dam is also proposed and the slurry will be fed to a Filter Press Plant to extract coal fines to convert into coal “cakes”, which will also be sold as product. Figure 3-1 below is a Locality Map of the proposed Project area.

### 3 Legislative Process

The proposed Project will trigger listed activities in terms of the National Environmental Management Act, 1998 (Act No 107 of 1998) (NEMA), and the Environmental Impact Assessment (EIA) Regulations<sup>1</sup> (NEMA Regulations) thereunder, promulgated in 2014. The following application will be made available to the Department of Mineral Resources (DMR) as competent authority for the proposed project:

- An integrated Environmental Authorisation Application will be submitted to the DMR for listed activities associated with a Mining Right in accordance with the NEMA and the EIA Regulations, 2014 below; and waste management activities in accordance with the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) (NEM: WA);

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<sup>1</sup>



- Regulation GN R983 Listing Notice 1, which sets out a list of activities which may not commence without environmental authorisation from the competent authority and which must follow the basic assessment procedure as provided for in regulation 19 to 20 of the NEMA EIA Regulations;
- Regulation GN R984 Listing Notice 2, which sets out a list of activities which may not commence without environmental authorisation from the competent authority and which must follow the scoping and EIA procedure as provided for in regulation 21 to 25 of the NEMA EIA Regulations; and
- Regulation GN R985 Listing Notice 3, which sets out specific listings per provincial area which may not commence without environmental authorisation from the competent authority and which must follow the basic assessment
- A Mining Right in terms of Section 22 of the Mineral and Petroleum Resources Development Act, 2002 (Act 28 of 2002).

In addition to the above, the following applications will be submitted:

- Water Use License Application (WULA) in accordance with the National Water Act, 1998 (Act No. 36 of 1998) (NWA) for activities associated with the installation of pipes and pumps that will pump water from particular resources directly to the processing plant to the Department of Water and Sanitation (DWS); and
- Approval from the South African Heritage Resources Agency (SAHRA in accordance with the National Heritage Resources Act, 1999 (Act 25 of 1999) (NHRA) for all the activities undertaken.

As per these Applications, Canyon (on behalf of Anglo) must undertake a Scoping and Environmental Impact Assessment (EIA) Process.

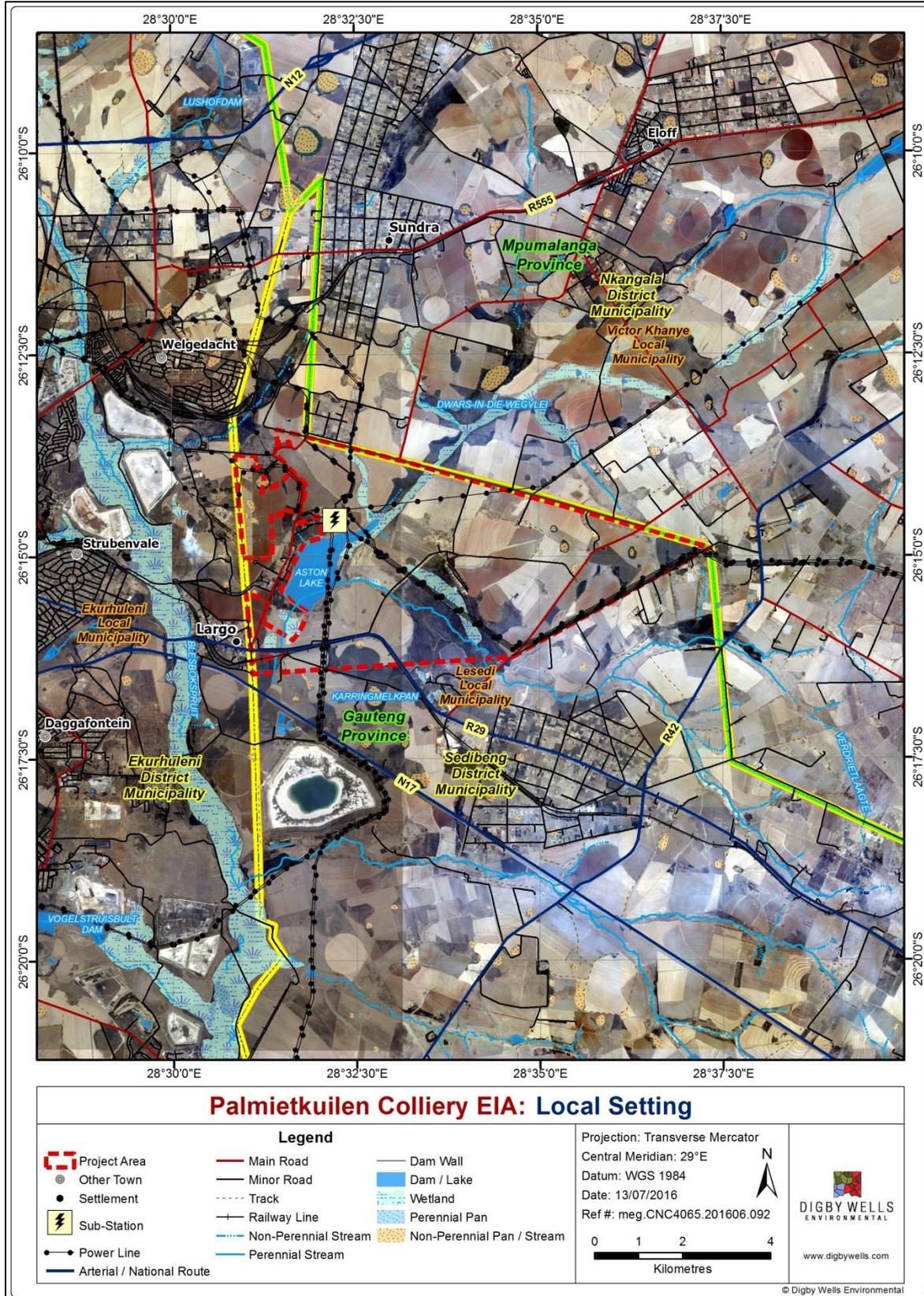


Figure 3-1: Locality Setting

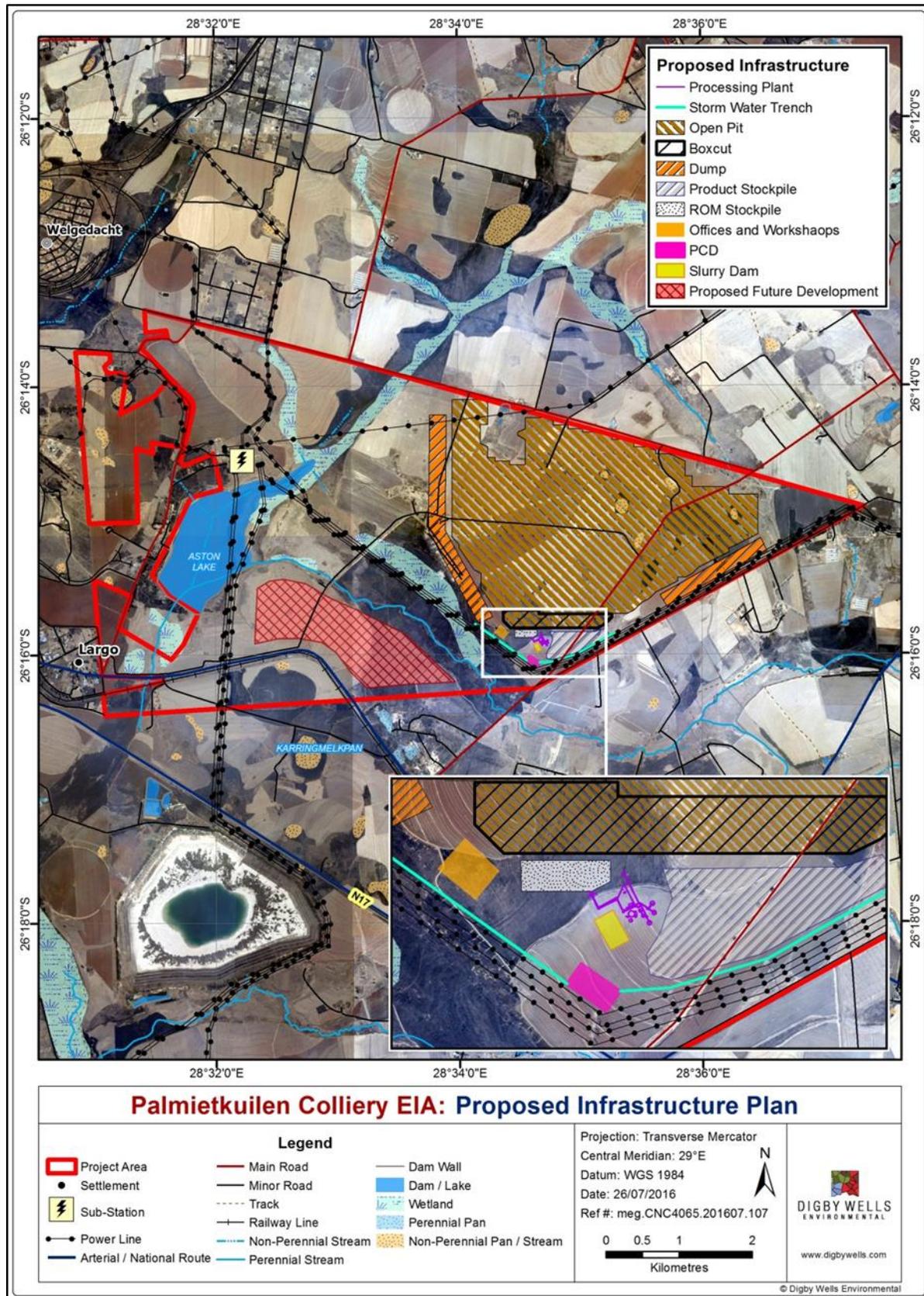


Figure 3-2: Proposed Infrastructure Plan



### 3.1 Specialist Studies

To complete the EIA, the following specialist studies will be undertaken to determine potential impacts that this Project might have, these specialist studies include:

- A Social Impact Assessment (SIA);
- Visual Impact Assessment (VIA);
- Geographic Information Systems (GIS) Mapping;
- Pedological Assessment (Soils, Land capability and land use);
- Groundwater Impact Assessment;
- Surface Water (Hydrology) Impact Assessment and Conceptual Storm Water Management Plan (SWMP);
- Air Quality Impact Assessment;
- Noise Impact Assessment;
- Fauna and Flora Impact Assessment;
- Wetland Delineation and Impact Assessment;
- Rehabilitation Plan and Closure Cost Report;
- Traffic Impact Assessment; and
- Blasting and Vibrations Impact Study.

### 3.2 Public Participation Process (PPP)

Affected stakeholders who are interested in this particular proposed project are welcome to register as an Interested and Affected Party (I&AP) to be involved in the Public Participation Process (PPP). The PPP is in agreement with the EIA Regulations 2014 (GN R982), under the NEMA. Notifications are done by means of letters, SMS's, emails, a newspaper advertisement in the local newspaper as well as site notices (which include locations of the Scoping Reports for public review, as well as a locality map of the project site). A Public Meeting will be held during the Scoping and the EIA Phase.

With submission of the application to the DMR, the formal 300 day EIA process has been initiated, as per the NEMA Regulations (2014). The Scoping Reports are



available to stakeholders for a period of 30 days to provide comment following the submission of the application. The EIA Phase will commence roughly two months after the Scoping Phase; EIA Reports will be made available for another 30-day comment period. A decision about the Environmental Authorisation Application will be received from the DMR after the submission of the finalised EIA Reports and I&APs will be informed thereof accordingly.

Further information regarding the project can be found on the Digby Wells website ([www.digbywells.com](http://www.digbywells.com)) under Public Documents.

**Registered I&APs will be informed about availability of reports and scheduled stakeholder meetings via their preferred means of communication (SMS, email, post or fax). Comments raised by stakeholders will assist in informed decision-making for authorities, and provides information to be considered by the project team and specialists conducting studies.**

**ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED  
PALMIETKUILEN COAL MINE NEAR SPRINGS, GAUTENG  
GP 30/5/1/2/2/10047MR**

**REGISTRATION AND COMMENT FORM  
August 2016**

Registered Interested and Affected Parties (I&APs) will be informed of ongoing developments via their preferred means of communication (SMS, email, post or fax). The draft Scoping Report for comment is available between the **26 August to 24 September 2016** on [www.digbywells.com](http://www.digbywells.com) (under Public Documents) and various public places, as per the announcement letter. Comments raised by stakeholders will assist in informed decision-making for authorities and provides information to be considered by the project team and specialists conducting the Environmental Impact Assessment process. Please register as an Interested and Affected Party (I&AP) and provide comments by sending this form, or other written correspondence, to the contact details provided below:

**Qondile Monareng** of Digby Wells Environmental Stakeholder Engagement Office:  
**Fax:** 0865835715, **Telephone:** (011) 789 9495, **Postal Address:** Private Bag X10046, Randburg, 2125  
**Email:** [sh@digbywells.com](mailto:sh@digbywells.com)

Please formally register me as an Interested and Affected Party (I&AP)	Yes		No	
I would like to receive my notifications by	Email	SMS	Post	Fax

**Please indicate which sector you represent and also provide a name**

Government Department	
Municipality	
Community	
Non-Government Organisation	
Business	

**If you are a landowner or land occupier, please indicate which farm(s) and portion(s) you reside on**

Landowner	
Land occupier	

**Please fill in your contact details below for the project database**

Title, Full Name				
Designation				
Cellphone		Fax		Tel
Email				
Postal Address				

Environmental Impact Assessment Regulations of 2014, promulgated in terms of the National Environmental Management Act, as amended, Section 44 (1) requires that we *gather comments* from I&APs. Please complete the questions below. Should you require assistance in completing these questions please contact the Stakeholder Engagement Office at contact information provided above.

How do you think the project might impact (affect) you?
How do you think the project might impact (affect) your socio-economic conditions? (e.g. livelihoods, farm, business, household)



## NOTIFICATION OF THE APPROVAL OF THE SCOPING REPORT FOR THE PROPOSED PALMIETKUILEN PROJECT NEAR SPRINGS, GAUTENG (REF: GP 30/5/1/2/2/10047MR)

Pandospan (Pty) Ltd (a subsidiary of the Canyon Group), on behalf of Anglo Operations Pty Limited (AOL), has applied for a Mining Right (reference number GP 30/5/1/2/2/10047MR) to mine coal on Portions 1, 2, 4, 9, 13 and 19 of the Farm Palmietkuilen 241 IR, near Springs in the Gauteng Province of South Africa. The proposed Project area falls within the Sedibeng District Municipality and borders the Province of Mpumalanga.

The phases of the Environmental Authorisation Application process include a Scoping Phase and an Environmental Impact Assessment (EIA) Phase. The Scoping Phase comprises baseline information pertaining to the proposed Project as well as the Plan of Study for the EIA Phase. The EIA Phase comprises the Specialist Studies, the expected environmental and social impacts as a result of the Project proceeding, as well as the proposed mitigation measures to manage these identified impacts. The process is governed by the EIA Regulations, 2014<sup>1</sup> under the National Environmental Management Act, 1998 (Act No 107 of 1998) (NEMA).

The Final Scoping Report, compiled in accordance with the EIA Regulations, was submitted to the Department of Mineral Resources (DMR) on 16 September 2016. This notification serves to inform you that the Scoping Report and EIA Phase Plan of Study were accepted by the DMR on 10 October 2016 therefore allowing the EIA Phase of the process to proceed. As per the EIA Regulation timeframes, above, the Final EIA Report must be submitted to the DMR within 106 days of approval of the Scoping Report. Therefore, the Final EIA Report will be submitted to the DMR during February 2017. The EIA Phase will also involve public consultation which must be reflected in the Final EIA Report. Further correspondence will be provided to all registered Interested and Affected Parties providing information on the availability for the Draft EIA as well as the EIA Phase Public Meeting.

Should you have any further queries do not hesitate to contact us through the following means:

Digby Wells Environmental	Contact Details
Contact person	Xanthe Taylor
Email address	<a href="mailto:CNC4065@digbywells.com">CNC4065@digbywells.com</a>
Telephone	011 789 9495
Fax	011 069 6801
Postal address	Private Bag X10046, Randburg, 2125

<sup>1</sup> Government Notice R982 published in Government Gazette 38282 of 4 December 2014



# DIGBY WELLS

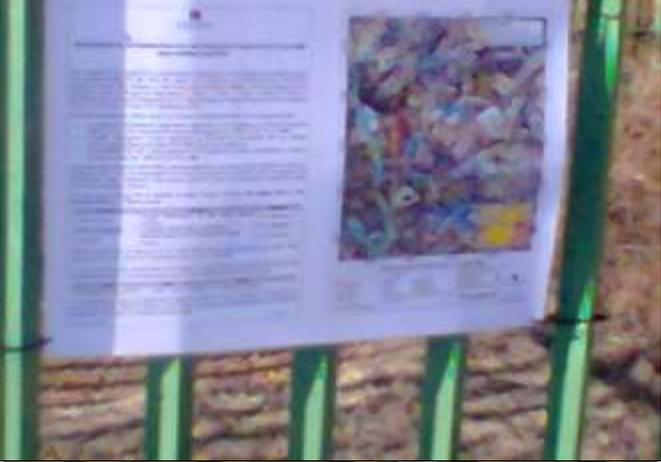
ENVIRONMENTAL

**Anglo Operations Limited**

**ENVIRONMENTAL AUTHORISATION FOR THE PROPOSED PALMIETKUILEN PROJECT  
NEAR SPRINGS, GAUTENG**

## **SITE NOTICES**

**SITE NOTICES PLACED AT PUBLIC PLACES ON THURSDAY, 10 AUGUST 2016**

Public Place	Coordinates / Location	Photo
(001)-Aston Lake Site Notice against palisade	-26.253705"S 28.524216"E	
(002)-R29 Road Site Notice against palisade	-26.269489"S 28.517654"E	

<p>(003)-R29 Road</p> <p>Site Notice against chicken farm</p>	<p>-26.267937"S 28.511557"E</p>	
<p>(004)- R555 Road</p> <p>Site Notice against palisade</p>	<p>-26.229512"S 28.459367"E</p>	
<p>(005)- Bakerton Public Library</p> <p>Site Notice against glass door of library</p>	<p>-26.227495"S 28.470236"E</p>	

(006)-Heidelberg  
Public Library

Site Notice against  
window next to the  
entrance of the library

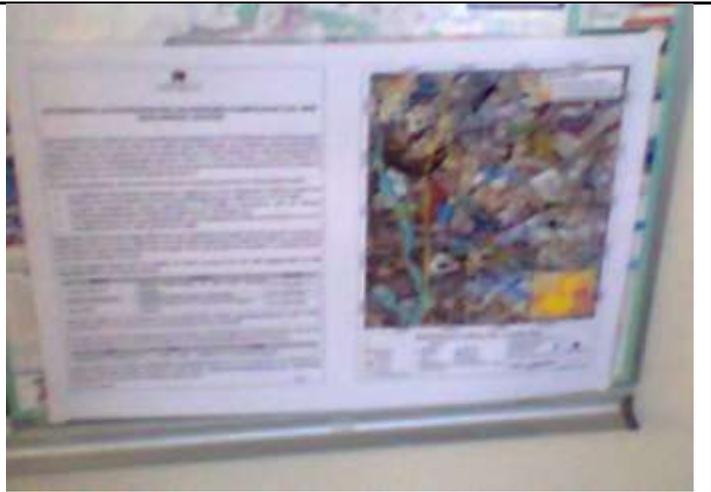
-26.496275"S  
28.360869"E



(007)-Springs Public  
Library

Site Notice against  
Notice Board of  
library

-26.257952"S  
28.440792"E



Public Participation Report

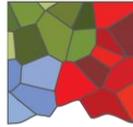
Integrated Environmental Impact Assessment for the Proposed Palmietkuilen Coal Mine near Springs, Gauteng

CNC4065



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## Appendix C: Progress Materials



# DIGBY WELLS

## ENVIRONMENTAL

Project Reference: CNC4065

29 March 2017

### ENVIRONMENTAL AUTHORISATION PROCESS FOR THE PROPOSED PALMIETKUILEN MINING PROJECT NEAR SPRINGS, GAUTENG

*DMR Reference Number: GP 30/5/1/2/2/10047MR*

#### Availability of Draft Environmental Impact Assessment Report and Environmental Management Plan

Dear Stakeholder,

Digby Wells thanks stakeholders who have contributed comments toward the Environmental Impact Assessment process for the proposed Palmietkuilen Mining Project to date. Further to the Project progress notification circulated to all registered Interested and Affected Parties (I&APs) on 08 March 2017, Digby Wells hereby informs I&APs that the Draft Environmental Impact Assessment and Environmental Management Plan (EIA/EMP) Report is available for public review.

The aforementioned report will be available for public comment for a period of 30 days, from **31 March 2017** to **03 May 2017** at the public places as indicated in the table below.

Location	Person	Contact
<b>Printed Copies</b>		
Springs Public Library, 55 Fifth street, Springs	Tebogo Kekana	(011) 999 8801/14
Bakerton Public Library, Cnr 1 <sup>st</sup> Avenue and Teabush Avenue, Bakerton	Sive Gaxa	(011) 999 8826
Vischkuil Clinic, Melman Street, Endicott	Theodore Moloji	(016) 3300 422
Victor Khanye Local Municipality Main Library, Corner Samuel and van der Walt Streets, Delmas		
<b>Electronic Copies</b>		
<a href="http://www.digbywells.com">www.digbywells.com</a> under Public Documents), or phone and request CD copy	Nondumiso Gwala	(011) 789 9495

#### How to comment on the reports

Comments on the EIA/EMP can be submitted through any of the following means:

- Completing a Registration and Comment Form that can be obtained from the Stakeholder Engagement Office;
- Writing a letter;
- Sending an email, fax or post, the details of which can be found at the end of this notification;
- Providing comments at the Public Meeting/Open Day; or
- Phoning the Stakeholder Engagement Office as per the details at the end of this notification.



You are welcome to contact the Stakeholder Engagement Office through the following means:

Contact person	Ms. Nondumiso Gwala
Telephone	011 789 9495
Fax	011 069 6801
Post	Private Bag X10046, Randburg, 2125
Email	<a href="mailto:CNC4065@digbywells.com">CNC4065@digbywells.com</a>

Your input and feedback is highly valued.

Yours sincerely

**Nondumiso Gwala**

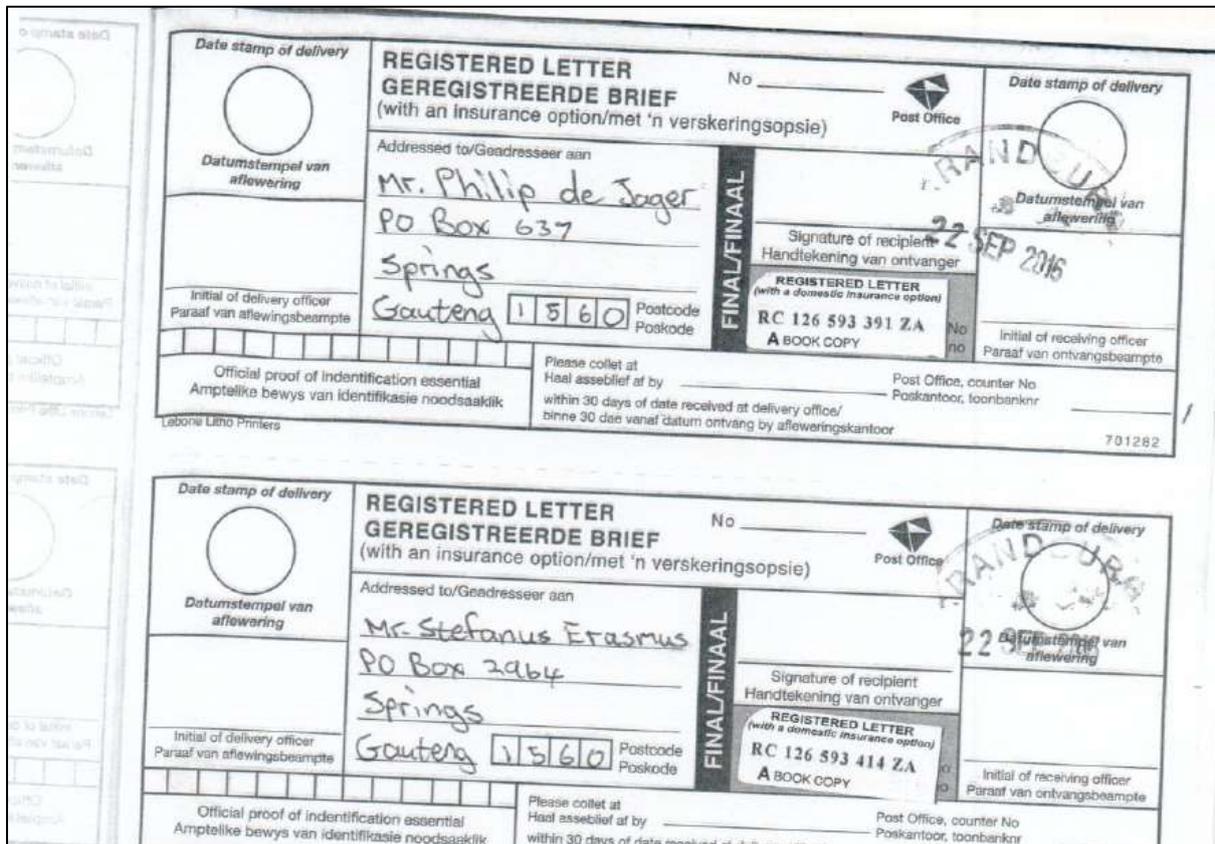
***Stakeholder Engagement Office***





# 1.1 Announcement of Draft Scoping Report

## 1.1.1 Proof of sent notification





Public Participation Report

Integrated Environmental Impact Assessment for the Proposed Palmietkuilen Coal Mine near Springs, Gauteng

CNC4065



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## Appendix D: Comment and Response Report

**Interested and Affected Parties**

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
Name of Individual	Consulted				
<b>Landowners or Lawful Occupiers on Adjacent Properties</b>					
Philip de Jager (on behalf of Palmietkuilen (Pty) Ltd.)	Written comment	16 August 2016	It is not possible to manage or fix the environmental impacts associated with this Project and it should not be allowed to go ahead.	Once the impact assessments are complete and mitigation measures have been proposed, the EAP will assess the overall impact of the proposed Project and provide an opinion whether or not the Project should proceed. The final decision for the project to proceed will be the competent authority.	Not finalised.
Philip de Jager (on behalf of Palmietkuilen (Pty) Ltd.)	Written comment	16 August 2016	The Blesbokspruit forms part of the drinking water for Gauteng and any negative impact to this system will result in negative consequences to human health.	According to the assessments conducted by Digby Wells in 2014 during an Acid Mine Drainage study for the Eastern Basin of the Witwatersrand, the water quality in the Blesbokspruit was benchmarked against the Blesbokspruit Water Quality Objectives and the SANS. The water quality indicated that the Blesbokspruit water quality is already contaminated and according to the registered water user database received from Department of Water and Sanitation, water extraction from Blesbokspruit is only for irrigation and Industrial use.  Should drinking water uses be identified, the water quality will be benchmarked against the SANS 241 drinking Water Quality standards. During the Impact Assessment phase, possible impacts of proposed activities and mitigation measures will be provided to prevent further deterioration of Blesbokspruit water quality.	Not finalised.
Philip de Jager (on behalf of Palmietkuilen (Pty) Ltd.)	Written comment	16 August 2016	The project will have a negative impact to property values in the area	Thank you for your comment.	Not finalised.
Philip de Jager (on behalf of Palmietkuilen (Pty) Ltd.)	Written comment	16 August 2016	Many persons work and live in the area and the development could jeopardise their employment.	A Social Impact Assessment will be undertaken as part of the EIA Phase and the positive and negative socio-economic impacts will be identified.	Not finalised.
Philip de Jager (on behalf of Palmietkuilen (Pty) Ltd.)	Written comment	16 August 2016	Many residents rely on boreholes for their sole source of water.	A Groundwater Impact Assessment will be undertaken as part of the EIA Phase.	Not finalised.
Philip de Jager (on behalf of Palmietkuilen (Pty) Ltd.)	Written comment	16 August 2016	South Africa is a water scarce country and therefore the Blesbokspruit should not be polluted further by mining.	Water management infrastructure will be in place to prevent mine-polluted water from entering into the Blesbokspruit or tributaries thereof. Water quality monitoring will be undertaken upstream and downstream of the project site to ensure that if any mine-affected water could enter into the surrounding surface water resources; this could be detected through the monitoring	Not finalised.

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
				programme.	
Anne Gillman	Written comment	22 August 2016	Concerns surrounding dust, noise, groundwater availability and possible crime.	Air Quality, Noise and Groundwater Assessments will be undertaken as part of the EIA Phase	Not finalised.
Anne Gillman	Written comment	22 August 2016	The area is already very unstable due to previous underground mining operations and how will this affect the area going forward?	No underground mining was undertaken on the proposed project area. A Blasting and Vibrations Impact Assessment will be undertaken as part of the EIA Phase. The underlying geology of the area and potential impact from on mining will be investigated.	Not finalised.
Anne Gillman	Written comment	22 August 2016	Strongly object to the mine.	Thank you for your comment. Your objection is noted.	Not finalised.
Anne Gillman	Written comment	22 August 2016	Socio-economic concerns involve the impact to living conditions, farming and water supply. Also questioned the viability of the mine.	A Social Impact Assessment will form part of the EIA Phase, as well as a Groundwater Impact Assessment. The results thereof will be made available to the public.	Not finalised.
Anne Gillman	Written comment	22 August 2016	Municipal water is not readily available and many owners are dependent on ground water	Hydrocensus study has been done around the project area. Samples have been collected and analysed. The results will form part of EIA report.	Not finalised.
Carrol Bouah	Written comment	24 August 2016	Currently the land is being leased and therefore this stream of revenue could be compromised. A portion of the land is being used for Maize Farming.	A Soil, Land Use and Land Capability Assessment and a Social Impact Assessment will be undertaken as part of the EIA Phase and the results thereof will be made available to the public.	Not finalised.
Carrol Bouah	Written comment	24 August 2016	Eskom has a servitude on a portion of the land which is being utilized for the expansion of a sub-station situated just outside the boundary of the land.	Thank you for your input. Eskom has been identified as an I&AP for the proposed Project.	Not finalised.
Carrol Bouah	Written comment	24 August 2016	There is an existing community around Portion 9 of the Farm Palmietkuilen. How they may be impacted on needs to be explored.	I&AP notifications in the way of site notices and a newspaper advert were used to announce the Project to the public.	Not finalised.
Carrol Bouah	Written comment	24 August 2016	The Lake on the land which is also the feeder for farming taking place on the land, may be impacted on?	The project infrastructure footprint excludes the Aston Lake and its associated tributaries. The community of Aston Lake is situated approximately 1,5 km from the proposed future development area, approximately 2,5 km to the closest mining infrastructure and approximately 4 km from the open pit.	Not finalised.
Johann Minnaar (on behalf of Rossgro)	Written comment	25 August 2016	Kindly advise whether the application for the Mining Right has been applied for yet, and if so, kindly let me have a copy of the acceptance letter of the Regional Manager, Gauteng Region of the Department of Mineral Resources, as well as copies of the draft application Sketch Plan, the draft Mining Works Programme and the draft Social and Labour Plan.	The application for a Mining Right was submitted to the Department of Mineral Resources through the SAMRAD portal on 04/08/2016 and is being dealt with under Reference Number GP 30/5/2/2 10047 MR. You will be aware that although the Regional Manager concerned should acknowledge the application in writing within 14 days, this frequently does not occur and no acknowledgement has been received as yet.	Not finalised.
Johann Minnaar (on behalf of	Written comment	25 August 2016	My client requires, as it is entitled in law to do so, that copies of, inter alia, the DMR Acceptance Letter of the Application	We note your request for copies of the draft application Sketch Plan, the draft Mining Works Programme and the	Not finalised.

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
Rossgro)			for a mining rights, the draft Mining Work Programmes (“MWP”), the draft Social and Labour Plans (“SLP”), Regulation 2 Plans depicting the proposed mining areas and surface structures, and all other relevant documentation which your client is obliged to submit with its applications for a mining right be provided to it in order for it to ascertain how its rights as landowner will be affected by the proposed mine.	draft Social and Labour Plan, which request has been forwarded to our client. We observe in passing that although all relevant information must be made available to all I&APs, we are of the view that the Social and Labour Plan is not likely to have relevance to the application for a Mining Right (MRA) as far as I&APs are concerned and its content is likely to be confidential.	
Johann Minnaar (on behalf of Rossgro)	Written comment	25 August 2016	You are also advised that in terms of NEMA read with Regulation 982 promulgated in Government Gazette No. 38282 dated 4 December 2014, that in terms of Section 16(2)(a) of the said Regulation 982, referred to as the Environmental Impact Assessment Regulations (“EIAR”), an application for an environmental authorization may only be submitted after the acceptance of an application for a right (in this case a mining right) or permit in terms of the provisions of the MPRDA.	We wish to point out that the provision in the Environmental Impact Assessment Regulations, provides for the submission of an application for an Environmental Authorisation, that is a procedure to be dictated by the Competent Authority, in this case the DMR; see Regulation 16(1)(ix): <i>where applicable</i> , proof of acceptance of an application for any right or permit in terms of the Mineral and Petroleum Resources Development Act, 2002, and Regulation 16(2)(b): <i>where applicable</i> , only be submitted after the acceptance of an application for any right or permit in terms of the Mineral and Petroleum Resources Development Act, 2002 . The DMR has issued a Directive that any MRA must be submitted together with an EA application and that these documents must be submitted simultaneously on the SAMRAD portal; see the MRA procedure outlined on SAMRAD portal. It is compliance with this Directive that the EA application has been submitted.	Not finalised.
Johann Minnaar (on behalf of Rossgro)	Written comment	25 August 2016	Your attention in this respect is drawn to the provisions of Regulation 40(2) of the EIAR which states That “The public participation process contemplated in this regulation must provide access to all information that has or may have the potential to influence any decision with regard to an application...” Needless to say information in the draft MWP, the draft SLP, and the documents which have to be submitted when application for a mining right is made, certainly have the potential to influence decisions of affected and interested parties to the application for an environmental authorization, also when comments are considered concerning the contents of the Scoping Report. It is clear that any documents or information submitted to my client as part of a purported application for environmental authorizations (like the draft Scoping Report) does not meet the statutory rules in this respect and is rejected by my client as such.	Your comment that “It is clear that any documents or information submitted to my client as part of a purported application for environmental authorizations (like the draft Scoping Report) does not meet the statutory rules in this respect and is rejected by my client as such” is not, with respect, correct. The EA application submitted with the MRA is not a “purported application” and the draft Scoping Report is exactly that. It is a document that will be finalised during the 44 day period referred to above and submitted to the DMR, taking into account all comments received from all I&APs which will obviously include the comments set out in your letter. We confirm that your clients have a right to furnish comments and indeed, that is the function of the Public Participation in which we are currently engaged. We note however that Section 10 of the Mineral and Petroleum Resources Development Act, 2002, as amended, imposes duties on the Regional Manager rather than the Environmental Assessment Practitioner. Section 10(2) provides that “If a person objects to the granting of a	Not finalised.

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
				prospecting right, mining right or mining permit, the Regional Manager must refer the objection to the Regional Mining Development and Environmental Committee to consider the objections and to advise the Minister thereon." It is not the function of the consultation process to reach formal agreement during the Public Participation Process, but to engage constructively and thoughtfully with I&APs and to take full account of comments made.	
Thabo Sibeko	Written comment	29 August 2016	Grave sites are part of heritage and they have sentimental value for the people living around that area. Relocating the grave sites will be violation of custom practices and human rights; it will also be a harmful exercise, which will affect their loved ones emotionally, spiritually and mentally. Which area is the company planning to relocate the grave site?	A Heritage Impact Assessment (HIA) will be completed during the impact assessment phase in accordance with the requirements of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), NEMA Environmental Regulations, 2014 (GN R 982), and National Heritage Resources Act, 1999 (Act No. 25 of 1999) (NHRA). During the HIA, an assessment of the potential impacts to identified and unidentified burial grounds and graves will be completed and appropriate management and mitigation measures will be recommended. The objective of the recommended management and mitigation measures will be to avoid and / or remove identified negative impacts. Where this is not possible, mitigation measures may have to include a burial grounds and graves consultation process (BGGC) and possible grave relocation process (GRP) informed by the requirements of Section 36 of the NHRA, Chapters XI and IX of the NHRA Regulations (GN R 548), the National Health Act, 2003 (Act No. 61 of 2003) (NHA) and applicable by-laws. A BGGC and GRP are permitted activities that can only be undertaken after the impact assessment phase of the Project. If required, a rigorous process of identification and consultation with Next-of-Kin will be undertaken to reach agreement on the management and future of the graves.	Not finalised.
Thabo Sibeko	Written comment	29 August 2016	How far will the development be situated away from the Community?	Clarity regarding which community is being referred to was requested however no response was received prior to the Updated Scoping Report being finalised.	Not finalised.
Thabo Sibeko	Written comment	29 August 2016	How is the company going to deal with its waste?	A Waste Management Licence has been applied for as part of this application. All waste management will be done in accordance with this Licence, if granted.	Not finalised.
Thabo Sibeko	Written comment	29 August 2016	What is future the development area? Can you please provide full details of this development?	For the purposes of this application, that area is only going to be cleared of vegetation but no development may take place on this area. The area has been earmarked for future infrastructure development. Once	Not finalised.

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
				Canyon Coal is ready to develop that area, separate applications will have to be lodged to approve any infrastructure development.	
Thabo Sibeko	Written comment	29 August 2016	Transporting coal- how many loads will be transported per day and how many trucks will be required for coal transportation? How heavy will the trucks be? Can the company explain how that process will work?	Several options for coal transportation are being investigated but the preferred option entails coal product being loaded on to coal trucks on site and transported via the existing dirt road (which heads in a westerly direction from the proposed mining operations) to the existing rail siding. From there, coal will be transported via rail. It is proposed that the mine will haul 118 loads per day.	Not finalised.
Thabo Sibeko	Written comment	29 August 2016	What is the plan to protect underground water and surface water during rainy days. What plans are in place to ensure that contaminated water does not get washed away by rain to other water bodies?	Water management infrastructure will be constructed on site to ensure clean and dirty water are separated. All contaminated water (dirty water) will report to a pollution control dam (PCD) which will be lined to prevent dirty water seeping into the groundwater. In the instance of rain events, rain water will report either to the clean water dam or the PCD.	
Thabo Sibeko	Written comment	29 August 2016	The study shows that the project boundary encompasses several tributaries of Blesbokspruit; how is the company planning to work around to protect the wetland, because wetlands are important.	The current mine infrastructure layout plan avoids the Blesbokspruit tributaries and surface water management infrastructure will prevent any contaminated water reaching these streams. The wetlands on site are being avoided as far as possible; however, several wetlands or pans will be mined through as a result of the placement of the open mining pit (refer to Appendix 4, Plan 2: Infrastructure Layout Plan of the Draft Scoping Report).	Not finalised.
Mr Gerhardus Petrus du Plooy / Mrs Tjoeks du Plooy / Ms Bianka Pretorius	Written comment	31 August 2016	Pollution from mining activities is a concern.	Air Quality, Surface Water, Groundwater, Wetlands and Aquatic Impact Assessments will form part of the EIA Phase. The mitigation measures which will be proposed for the identified environmental impacts will focus on reducing or avoiding pollution in the area.	Not finalised.
Mr Gerhardus Petrus du Plooy / Mrs Tjoeks du Plooy / Ms Bianka Pretorius	Written comment	31 August 2016	The proximity of the proposed mine will result in damage and deterioration to surrounding houses. The mine should be moved further away.	A Blasting and Vibrations study will form part of the EIA Phase. The study will identify the extent to which blasting and the associated vibrations will impact surrounding infrastructure.	Not finalised.
Mr Gerhardus Petrus du Plooy / Mrs Tjoeks du Plooy / Ms Bianka Pretorius	Written comment	31 August 2016	Mr Du Plooy's property is used for residential and commercial purposes. The landowners have lived in Aston Lake for over 20 years and have invested in the development of their property. The Project should be scrapped.	Thank you for your input. Your objection to the project has been noted. Aston Lake community is located alongside the Mining Right Boundary but is located approximately 2,5 km from the project area.	Not finalised.
Mr Gerhardus Petrus du Plooy / Mrs Tjoeks du Plooy / Ms Bianka Pretorius	Written comment	31 August 2016	The Project will negatively affect the land value of surrounding properties. Building the mine through and	The Mining Right boundary does extend around the western side of the Aston Lake however the actual	Not finalised.

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Pretorius			against the properties will negatively affect the business. What will become of these properties?	footprint of the proposed mining activities does not extend to the Aston Lake community. Refer to Appendix 5 of this report for the project area and distances between the project area and surrounding towns.	
Mr Gerhardus Petrus du Plooy / Mrs Tjoeks du Plooy / Ms Bianka Pretorius	Written comment	31 August 2016	Roads will deteriorate.	A Traffic Impact Assessment forms part of the EIA Phase which will address transport routes and management thereof.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Concerns over dust generation.	An Air Quality Impact Assessment will be undertaken a part of the EIA Phase.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	As stripping is recommended during the dry season what will you do about dust control? Our windiest periods are July and August (N/NE) will these months be incorporated in your dust survey? Dust control should be over dry and wet conditions no just the dry months – hence a year's survey.	Please refer to section 11.4.5 of the Scoping Report for the methodology used to undertake the Air Quality Impact Assessment.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Concerns regarding sinkhole formation and structural damage to housing as a result of blasting. Specific concerns relate to boreholes, septic tanks / French drains, subsidence / sinkholes and swimming pools. Most people in the area do not have municipal sewage lines.	A Blasting and Vibrations study will form part of the EIA Phase. The study will identify the extent to which blasting and the associated vibrations will impact surrounding infrastructure.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	If cracks or sinking occurs due to mining, insurance does not cover this damage.	The blasting zone of influence will be determined during the EIA Phase.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Schools in Endicott will be directly affected.	The community of Endicott is approximately 3.5 km from the nearest point of the southern mine boundary. A possible impact could be increased dust to the area but a model will be generated showing the dispersion of dust (should the mine be approved) and the relevant sensitive receptors will also be identified.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Health issues, such as sinus and asthma will be a result of increased air pollution.	Thank you for your comment. Your concerns have been noted.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	The Military graveyard will have to be relocated with full military honour.	The Military graveyard located just outside the western mining right boundary has been identified but falls outside of the Project area. There is no anticipated impact to this site due to the distance from the proposed mining footprint which will be to the east of the Aston Lake only. The proposed position of the open pit is located approximately 4.5 km from the memorial.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Concerns surrounding noise generation from site	A Noise Impact Assessment will form part of the EIA Phase and potential receptors to noise will be identified in this process. Mitigation measures will also be proposed to keep noise levels within acceptable levels.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	The community believes the entire mining right area will be	If this application is approved, not mining activities can	Not finalised.

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			mined and that the proposed mining development area will not be the total extent of mining as stated.	take place outside of the proposed infrastructure footprint, and any changes to that plan will require an amendment application, including further public participation.	
Mrs Hazel Morris	Written comment	31 August 2016	Requested a land ownership map and a report pertaining to the extent of the coal deposit in the area.	The coal resource that has been surveyed as part of the Prospecting Right process is limited to the open pit footprint; therefore, accurate data pertaining to the entire extent of the coal seam is not available. A high-level map of the regional geology was emailed to Mrs Morris.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Many residents have not been informed of the Project. Have informal areas been informed, such as Endicott informal settlement?	Digby Wells uses a number of methods to announce a project, including site notices, newspaper advertisements, details from existing databases, and notification letters. Digby Wells constantly builds on the database as and I&APs are welcome to register at any point throughout the EIA process.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Loss of income due to the location of the Project.	Thank you for your comment.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	What will the effect of mining activities be to property values? One won't be able to sell a house which is located alongside a mine.	Mrs Morris' property is located 4.5 km from the closest mine infrastructure and approximately 2.7 from the future development area.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	The data used from the 2011 National Census is outdated.	A part of the Social Impact Assessment, a Social Survey will be undertaken on the directly affected communities who would be displaced if the Project is approved. The national Census data is used as a baseline	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	The factory and Equine breeding facility may have to be relocated which will result in a loss of jobs.	A Social Impact Assessment will be undertaken as part of the EIA Phase where the potential positive and negative impacts will be assessed.	
Mrs Hazel Morris	Written comment	31 August 2016	Will the roads used for the Project be tarred or re-tarred?	Haul roads will not be tarred but they will be upgraded and dust suppression techniques used to reduce dust..	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Concerns regarding increased road traffic in the area.	A Traffic Impact Assessment will be undertaken as part of the EIA Phase.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Concerns regarding water management and conservation during operations.	Surface water management infrastructure will be in place on the mine to ensure clean and dirty water separation. Whether a Water Treatment Plant is required on site will be determined by the outcome of the EIA Phase Specialist Studies.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	Solely dependent on borehole water. Concern around decreased levels of groundwater.	A Groundwater Impact Assessment will be undertaken as part of the EIA Process and the impacts to the groundwater level will be included in this assessment.	Not finalised.
Mrs Hazel Morris	Written comment	31 August 2016	The Draft Scoping Report states that should mining affect water levels and surrounding residents' boreholes are affected, that the mine should compensate the affected	During the EIA phase, Digby Wells will establish whether there will be an impact to the quality and water level of groundwater. This information will be communicated	Not finalised.

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			people. We rely solely on borehole water so how does the mine compensate people when the only source of water is affected?	directly to the client, who will take a decision with regard to compensation of the users. The process will be confirmed based on the outcome of the model data and condition of Water Use Licence (if granted).	
Nhlanhla Jokazi	Written comment	07 September 2016	I welcome the Project and hope that a formal structure for small to medium business enterprises will be set up for local small businesses to participate and positively to the mine and the communities in the municipality.	Canyon Coal's business model will address the promotion of this group of enterprises in the development and operation of the mine, together with the community projects. The intention is for the mine committee to purchase the required equipment, provide materials to start operations, set up the necessary systems and recruit and employ community members to operate the community projects.	Not finalised.
Nhlanhla Jokazi	Written comment	07 September 2016	The Project is positive news for local businesses. It would be great if preference is afforded to the local businesses in the Lesedi Local Municipality to boost the local economy and youth employment. Preference for procurement and subcontracting should be given to the people of Lesedi Local Municipality.	Discussions with representatives of the direct communities together with the Ward Committees and will be held once the committee has been elected by the direct and surrounding communities. This committee representing the labour sending area to the planned mine will focus on the provision of benefits to the community and mitigation of the effects of mine closure.	Not finalised.
GJ Lombard	Written comment	09 September 2016	<p>The letter serves to stand as a dispute against the possible establishment of a new coal mine in the Largo, Aston Lake and Endicott area of Springs. Reasons for the dispute are grounded on the following:</p> <ul style="list-style-type: none"> <li>▪ We have been residing in Largo for the last 14 years and made it a sustainable living status;</li> <li>▪ We are almost on the edge of settling the owed amount on our land, making it comfortable, yet the suitable situation for us reaching an old age where pension will not cover monthly repayments for land size like this;</li> <li>▪ Should the mine be established close the residential area there be a lot of safety and environmental health risks – Air pollution (health and environmental risk), noise pollution (health risk), possible water contamination (health and environmental risk);</li> <li>▪ Coal mines use dynamite to blow holes in the ground to retrieve the coal – this will result in putting water banks near us at risk Our water can get contaminated and will no longer be safe to drink or use; and</li> <li>▪ With a mine close to our residential area, it will also result in lowering the values of our land should the time arise to sell the property.</li> </ul> <p>We stand fully to the dispute stated and ask that our concerns are also taken for consideration.</p>	<p>Your opposition to the Project is noted.</p> <p>Noise, Air Quality, and Groundwater Impact Assessments will be undertaken during the EIA Phase and the results will be provide in the EIA Report.</p> <p>The address provided by the I&amp;AP is 6 km from the actual mining area, and therefore outside of the 500 m blast radius. This will be confirmed during the EIA Phase Blast Impact Assessment.</p>	

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Johann Minnaar (on behalf of Rossgro)	Written comment	12 September 2016	<p>1. My letter and E-Mail was dated 25 August 2016 and not 1 September 2016, and as a matter of fact your Stephanie Aken acknowledged receipt of my correspondence of 25 August 2016 on the very same date;</p> <p>2. The decision of the writer not to reply to each and every statement made in your letter under reply must not be construed as an acknowledgement as to the correctness of such comment or statement;</p> <p>3. In the Announcement Letter dated 10 August 2016 It was clearly stated. A Mining Right Application will be submitted (to the) Department Of Mineral Resources (DMR) in terms of the Minerals and Petroleum Resources Development Act, 2002 (Act 28 of 2002), and reply in my letter to Stephanie Aken dated 25 August 2016 as follows; kindly advise whether the application for the Mining Right has been applied for yet, and if so, kindly let me have a copy of the acceptance letter of the Regional Manager, Gauteng...";</p> <p>4. At the date of my letter the Environmental Assessment Practitioner ("EAP") was well aware that application for a mining right was already submitted to the DMR on 4 August 2016 but fail to advise the writer or the Affected and Interested Parties ("AIP") of this fact;</p> <p>5. The Statement made in the Announcement Letter was thus incorrect and misleading;</p> <p>6. The administrative failure and delay from the DMR to accept (or reject) the application for a mining right within the time frame as set out in the Mineral Petroleum Resources Act, No. 28 of 2002 ("MPRDA"), according to you, is not an excuse to provide the AIP with the draft copies of the documents submitted to the DMR as part of its application for a mining right, and the relevant documents could have be made available to the AIP at the time when application for the mining right was made;</p> <p>7. Your exposition of the interpretation of the wording of Section 10(2) of the MPRDA is incorrect, with respect, and you are advised that my client will submit the necessary objection against the granting of the mining right in terms of the provisions of the MPRDA In due course. Suffice to state that Section 96 of the MPRDA deals with the appeal procedure once a mining right is granted, whilst Section 10. Deals with the situation when an AIP may object against the granting of a mining right once it becomes aware that an application for a mining right was accepted by the DMR;</p> <p>8. You Are requested to advise my client when the</p>	<p>We refer to your letter dated 12 September in response to our letter of 7 September 2016. This response seeks to address the principal points raised in your letter and is not intended to be a repudiation or denial of any matter raised. We are seeking only to follow the principles of a thorough consultation. For this reason, we do not propose to discuss the content of your letter point by point.</p> <p>We acknowledge the correct date of your correspondence and apologise for the incorrect references.</p> <p>We concede that the Announcement Letter referred to the application for the Mining Right in the future tense but we do not agree that this was a material misrepresentation that would have prejudiced the rights of your client. The actual date of submission of the application was communicated to your client during a meeting held on 24 August.</p> <p>It is standard procedure that the fullest possible detail appertaining to projects is made available to all I&amp;APs and the availability of the Draft Scoping Report (DSR) was made known on 8 August 2016 – the DSR contained full details of the project including a set of plans and specialist input. At no stage prior to your letter was a request made for the Mining Work Programme or the Social and Labour Plan (the relevance of which is questionable). In addition to the plans contained in the DSR, the Regulation 2(2) Plan for the mining right application has been forwarded to you.</p> <p>Your client's rights to appeal in terms of the provisions of Sections 10 and 96 of the MPRDA are acknowledged, in whatever manner may be appropriate.</p> <p>We agree that comments can be made up to and including 12 September 2016. Indeed, comments can be made after that date direct to the Regional Manager's office and if a copy is forwarded to us, these will be included in the Comments and Response Report (CRR).</p>	Not finalised.

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			<p>application for a mining right has been accepted by the DMR and to provide my client with a copy of the Acceptance Letter;</p> <p>9. My client reserves the right comment in detail on the draft Scoping Report once it is in possession of a copy of at least the draft Mining Works Programme;</p> <p>10. The Time frame as indicated during which period comments to the draft Scoping Report can be submitted is incorrect in terms of Regulation 3(1) of the EIAR which provide that if a period falls on a Saturday as is the case in this instance, then the period must be extended to the end of the next day which is not a Saturday, Sunday or Public Holiday, in other words to the end of the day of 12 September 2016, and not 10 September 2016 as stated in your Announcement Documents;</p> <p>11. A detail summary of the broiler business of my client will in due course be submitted to you from which it will be evident that any mine as proposed by the applicant will have a devastating and destroying effect on the broiler business of my client;</p> <p>12. It is placed on record in the interim that dust emanating from the construction and mining operations, coal dust emanating from mining, transporting and processing of coal, industrial noise emanating from mining machinery, haul trucks, conveyor belts and blasting will have a destroying effect on my client's broiler business;</p> <p>13. It will be shown that clean air, minimum noise and uncontaminated water are the key components to a chicken broiler and egg producing business;</p> <p>14. There are Environmental Specialist Reports available which will indicate that noise pollution, blasting and dust will have a serious and deadly effect on chickens (they Are likely to die from heart attacks) and their egg-laying capabilities;</p> <p>15. The EIP Has indicated that the environmental specialists require that dust monitoring points be established on my client's properties. Although It has no objection in principle against such exercise, the locality, the reason for such locality, the type of monitoring device must first be discussed and agree upon by my client. The Results of such dust monitoring must be provided to it, and such results will be acknowledged without any prejudice or acceptance of the correctness of the results.</p>		
Johann Minnaar (Rossgro)	Written comment	25 October	I refer to the E -mails dated 20 and 24 October 2016	Although we accept that not all of the documentation you	

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		<p>received by my client and the writer respectively with regard to a proposed Economic Impact Assessment Study which the company Urban--- Econ intends to undertake on your behalf.</p> <p>Attached to the correspondence was a Questionnaire which they have requested/suggested that my client completes.</p> <p>I wish to re-iterate that my client is still not in a position to determine to what extent the proposed Palmietkuilen Colliery will impact on his egg producing and broiler business and its business at large due to the fact that the Applicant has so far not provided my client with copies of the documents which we requested in our letters to you (and to Mr. Hennessey) dated 25 August 2016, 12 September 2016 and in my E-mail to Mr. Hennessey dated 22 September 2016.</p> <p>The latest reply to our request for the documents as referred to the above correspondence was Mr. Hennessey's reply on 22 September 2016 per E--- mail, namely "Our client has again been prompted for copies of the other documents requested".</p> <p>There is very little information available to my client concerning the mine planning and development, as well as to the locality and extend of infrastructure, topsoil dumps, overburden dumps, and coal stockpiles and coal loading facilities. The depth and mining method in detail is also unknown to my client.</p> <p>We still maintain that copies of the draft Mining Works Programme and draft Social and Labour Plan will assist my client in determining the impact that the proposed mine will have on his relevant business, and that my client is seriously prejudice by the withholding of information and detail as contained in such documents.</p> <p>We notice that the draft Scoping Report has been approved, and yet my client has not received the above documents as requested.</p> <p>We have been advised by Mr. Hennessey that the Acceptance Letter, in terms of which the Regional Manager of the Mpumalanga Region of the Department of Mineral Resources has accepted the application for a mining right, will be forwarded to my client but so far we have not received such correspondence.</p>	<p>have requested has yet been made available, we can only reiterate that we have requested our client on numerous occasions to supply these to us. We do not disagree that the Mining Work Programme would be a document material to an Interested and Affected Party (although we hold the view that the Social and Labour Plan would not) and assure you that as soon as it is made available, we will furnish you with a copy. As to the letter of acknowledgement from the Regional Manager, that relating to the acceptance of the application for an Environmental Authorisation has been received and a copy has been provided to you. We confirm again that as soon as the letter relating to the application for a Mining Right is received, this too will be sent to you.</p> <p>Despite the lack of all of the documents you have requested, information readily available on the proposed Project was contained in the Draft Scoping Report, which was released to the public for comment on 12 August 2016. Details of the availability of the Scoping Report have previously been made available to your clients but for confirmation, an electronic copy is available on our website.</p> <p>After incorporating all the comments received, the Final Scoping Report was submitted to the Regional Manager on 16 September 2016 and on 11 October 2016, Notification was given of the acceptance of the Scoping Report and an instruction to proceed with the Environmental Impact Assessment and Environmental Management Programme. We stress that engagement with Interested and Affected Parties will continue during this period and a draft of the EIA/EMP will again be made available for public comment.</p> <p>A detailed, updated, Project description is being finalised by our client as part of the EIA phase and a copy will be made available to you in due course. We understand that your client is not willing to share commercially sensitive information on its business operations, where this may enter the public domain. Similar concerns are in our client's mind with regard to some of the details requested. However, it would be welcomed if you could engage with Urban Econ to provide whatever information is not unduly sensitive.</p>	

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			<p>My client will be in a better position to provide information on the impact which the proposed mine will have on his egg producing and broiler business at large once it is placed by the applicant in a position where full and complete details about the proposed mine its development and operation are known to it.</p> <p>We have been advised that additional coal mining projects are investigated adjacent to the Palmietkuilen Project, to which we have not as yet have any detail, but such additional development together with the Palmietkuilen Project will have, no doubt, a cumulative effect and impact on the business of my client, and such cumulative effect must be investigated by the applicant in further environmental studies.</p> <p>My client is not prepared to share any sensitive and private financial, marketing and operational information in the public domain, and is of the view that by answering the questionnaire such information will become available in the public domain as such economic impact assessment report will have to be made available for public comment.</p> <p>General information of the business of my client is available on the web under <a href="http://rossgro.co.za">rossgro.co.za</a>.</p> <p>My client reserves the right to discuss with the applicant on a one-to-one basis the financial and economic impact that the proposed mine will have on its business in detail, as well as alternative options available to my client, once the draft environmental specialist reports are made available to my client as part of the public participation process concerning the compilation of the draft EIA/EMP, and once my client has received in detail the mining planning of the proposed mine.</p> <p>You have been made aware that dust, noise, blasting, water depletion and water pollution, and lack of proper air circulation will destroy on a permanent basis the egg laying and broiler business of my client together with its businesses associated with its business at large.</p>		
Philip de Jager (on behalf of Palmietkuilen (Pty) Ltd.)	Written comment	28 October 2016	<p><b>Comment submitted directly to DMR.</b></p> <p>Palmietkuilen (Pty) Ltd owns Portions 2 and 19 of the Farm Palmietkuilen 241 IR, where the proposed mine and mining</p>		

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		<p>related infrastructure are to be placed. The owners are opposed to the Project proceeding.</p> <p>Apart from the loss of some of the best agricultural land in the Republic [Schoeman Boerdery] points out that their employees and their families will also lose their livelihoods if mining is allowed to happen. Mr de Jager stated that Aston Lake drains into the Blesbokspruit (Ramsar site) and the Marievale Bird Sanctuary and requested that DMR prevail upon the Applicant withdraw the Application.</p> <p>The following reasons were provided by Schoeman Boerdery</p> <ol style="list-style-type: none"> <li>1) Macro Economy: <ol style="list-style-type: none"> <li>a) Arable land in South Africa, especially potential arable land in good rainfall areas is a very scarce commodity. The fact that this high potential arable land is being 'given up' to produce a non-renewable commodity like coal is extremely short sighted to say the least. The need to produce more food per hectare for a growing population is ever present so as to provide the adequate food security this country needs for the future;</li> <li>b) Land that has been mined by opencast method becomes totally useless, even if it is rehabilitated to a degree. The potential for crops reduces by more than 75% of what it was before mining occurred. The land cannot be developed for residential or any other construction as the ground stability and integrity has been affected.</li> <li>c) The pollution (acid mine drainage) that these mined out areas produce after years of lying barren will become an environmental disaster, and given the fact that there is a protected area adjacent to the proposed mining area gives all the more reason to stop such a development,</li> <li>d) To date, no mine closure certificate has ever been issued in South Africa, which means that mining companies remain responsible for all rehabilitation and the effects the mining had on the environment. The upfront payments that the mining institutions make for rehabilitation can only last so long and if the mining companies go bankrupt the State has the obligation to continue the rehabilitation and environmental protection. This puts extra pressure on Government's already tight budget, so it becomes a situation of</li> </ol> </li> </ol>		

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		<p>spending money on something that will never again give return.</p> <p>2) Micro Economy</p> <p>a) Schoeman Boerdery (Pty) Ltd. currently employs managerial staff and 42 skilled and unskilled labourers on permanent contracts as well as 40 unskilled seasonal labourers for six months of the year to work on the farm. Should the proposed mine be developed, we would have no choice but to retrench a portion of managerial staff and labour component. This would obviously add to the ever-increasing unemployment problem in our country and added to this the fact that these people have a number of dependents, would further put pressure on the state to provide for such dependents;</p> <p>b) Most of the input costs incurred in the farming operations, the obvious knock-on effect would be that local businesses could also have to downscale, which could also lead to unemployment and thus the downward spiral is perpetuated;</p> <p>c) The socio-economic climate of an area is always adversely affected once a mining operation is started. This is mostly due to the unemployment created, but also due to unwanted elements being brought in by miners and contractors;</p> <p>3) Replication of Farming Activities: To replicate the loss of 1880ha of high potential arable land in our district is almost impossible. Which means that any land that we could buy to carry on our operations, would produce less and in the long run would not be sustainable for us;</p> <p>4) Mining operations in the immediate area: There are currently four proposed opencast mining developments in the immediate vicinity – Anglo (Palmietkuilen), Ngululu Resources (Droogefontein), Exxaro (Droogefontein) and Universal Coal (Middelbult). This would mean that there would in effect be one large opencast mine stretching from Delmas right through to Aston Lake. The multiple effect on the environment is never truly considered, when the EIA's are done. The consultants focus purely on each development separately.</p> <p>Opencast mining for coal can on be described as a natural</p>		

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			<p>disaster. Short-term gains at the cost of long-term sustainability.</p> <p>Schoeman Boerdery feels they are custodians of the land. Farmland can produce food for a nation for thousands of years – the life of an opencast coal mine is a drip in a bucket in comparison.</p> <p>In closing, we [Palmietkuilen (Pty) Ltd.] do NOT support the proposed mining operation.</p>		
<b>Municipal Councillor</b>					
Cllr Jill Humphreys	Public Meeting	24 August 2016	This project has been going on for quite a long time whilst I was a councillor of ward 76. I attended about 30 meetings and the last meeting was at the Civic Centre. We gathered data for residents and communities, but till today nothing has happened. At the time Canyon was not involved but this is the same community	Digby Wells was not involved in the Prospecting Right Application; however, please forward this database to Digby Wells for future reference.	Not finalised.
Cllr Dean Stone / Cllr Jill Humphreys	Public Meeting	24 August 2016	It is concerning that the meeting is referred to as Public Participation during this time a work day. I would suggest that we call another meeting in the evening when the community will be able to attend. The Project affects my ward and if takes me to do petition for 15,000 residents, I will do it. We do want jobs to created, but not at the expense of the environment. My ward committee meetings are in the evenings because Springs is a working town.	The Public Meeting for the EIA Phase will be held in the evening.	Not finalised.
Cllr Dean Stone	Public Meeting	24 August 2016	Ward 75 will be affected by the trucks that will be moving on the local roads.	The Traffic Impact Assessment to be undertaken for the EIA Phase will provide the expected impact to road surfaces. The proposed method of transporting coal to consumers does not; however, include road transport. Coal product will be transported from site to the Welgedacht siding via the dirt roads within the Project boundary and continuing on the dirt roads to the west of the site towards the siding. The intention at this stage is to avoid utilising main routes. Once coal is offloaded at the siding, the coal product will be transported by rail only.	Not finalised.
Cllr Dean Stone	Public Meeting	24 August 2016	How many people were you expecting and why did you choose the Stable Inn as a venue. If people knew about the meeting more people would have attended.	Stable Inn is located in Springs which is the closest major town to the proposed Project site.	Not finalised.
Cllr Jill Humphreys	Public Meeting	24 August 2016	What will be the communication with authorities, for example, what is the impact to infrastructure when have 40 to 60 tonne trucks on the roads? Other infrastructure will also be affected.	A Traffic Impact Assessment will be undertaken and the report will be submitted to the authorities as an appendix to the EIA Report. The truck route from site to the Welgedacht siding currently avoids main roads. Municipalities and other Departments which have been	Not finalised.

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
				recognised as stakeholders have been captured on our database and are invited to attend these meetings.	
Cllr Dean Stone	Public Meeting	24 August 2016	We are not in the correct metro or municipality, to have a public participation meeting. The Project is located in Lesedi	The meeting venue was decided upon based on Springs being the closest large town to the Project area. The Project boundary area borders two provinces (Gauteng and Mpumalanga) as well as three district municipalities (Ekurhuleni, Nkangala and Sedibeng). However, a suggestion was made for another venue and this will be taken into consideration for the EIA Phase Public Meeting.	Not finalised.
Cllr Jill Humphreys	Public Meeting	24 August 2016	Application submitted to the Department 4 August 2016 by Anglo. If I have to ask my member of parliament about the Application, that person should be able to know the scope of the work.	The Application is linked to the Department of Mineral Resources' reference number; GP 30/5/1/1/2 (201/10026) PR.	Not finalised.
Cllr Jill Humphreys	Public Meeting	24 August 2016	To what extent is the Environmental Assessment process a box ticking exercise? There is no follow up to the Specialist Studies but the community wants those studies to be recognised and adhered to. To what extent is the Environmental Conservation Act being followed?	The recommendations and mitigation measures contained in the Specialists reports form part of the conditions of Authorisation. These conditions get audited by the Departments. Various legislation is consulted at the onset of a project.	Not finalised.
Mr Jabu Marwa	One on one Meeting	16 February 2017	Is exploration studies also included in this process, or is there any report for exploration studies?		
Mr Jabu Marwa	One on one Meeting	16 February 2017	The area is dolomite and that will have impact to the communities		
Mr Jabu Marwa	One on one Meeting	16 February 2017	This development will have impact on Municipality plans for the area earmarked for Kwazenzele phase 2 housing project, where a clinic will also be developed. Whatever the mine does need to be done in line of the Municipality development		
Clr Smith Mnyakeni			Week 20 February, constructors will be on site in preparation of the Phase 2 housing project		
Mr Jabu Marwa	One on one Meeting	16 February 2017	Local communities have been staying in the area for more than 25 years and this development will have a huge impact in their houses		
Mr Jabu Marwa	One on one Meeting	16 February 2017	Agricultural and chicken farm/s will also be impacted		
Mr Jabu Marwa	One on one Meeting	16 February 2017	What is the mine plan in regards to heritage		
			There are other mining activities in the area, have these mine been engaged in this process?		
			Has Ekurhuleni Municipality being engaged in this process?		
			Is CSI issues part of the EIA process, and will the mine be		

Interested and Affected Parties	Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
		able to share time frames of the proposed project?		
		Have you met with the local communities to get their comments on the proposed project, and they were addressed in a language they understand?		
		Food security, jobs and life stock will be affected by the proposed project		
		Land Rights need to be addresses should the farmer decide to sell, taking into consideration that the Umbila communities have been in staying in the area for more than 25 years they are entitled to tenure rights		
		If the farmer is not willing to sell does the mine have any plan B		
		Are the Aston Lake residents also affected by the proposed project		
		Is renewable energy part of the scope?		
		GDARD need to be involved in the proposed project		
		What skills or qualifications are required will the mine looking for?		
		Any opportunities around beneficiation especially for the surrounding communities		
		Will the mine draw water from borehole/s		
		Will Eskom supply electricity		
		Is the Open Cast Mining the only option?		
		In terms to services to be supplied by the Municipality, comments will be sent in due time by the Municipality		
		During decommissioning, do the mine have the time frames upfront		
		Report to be also displayed at the following libraries, Devon, Impumelelo and Visckkuil and Devon		
		Biodiversity issues will be critical because of the wetlands in the area		
Phiki Motshweneng		There is a primary school situated not far from the proposed project area, will this not affect the school activities.		
		How many litres will the mine draw from the groundwater		
Phiki Motshweneng		What method will the mine use to transport the coal and which market is the coal for?		

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
<b>Communities</b>					
Matthew Havinga	Public Meeting	24 August 2016	Is the meeting recorded and can a transcript be made available should we feel our concerns were not captured correctly? Big concern regarding the previously discussion we had particular with Canyon; answers were not given and the arrogance in terms of conducting the meetings. We want this meeting to be completely transparent and we were not given a chance to view the transcript.	Comments regarding public meetings in which Digby Wells was not involved cannot be commented on. This Comments and Responses Report was compiled from the voice recording of the meeting and is available to the public in the Updated Scoping Report.	Not finalised.
Matthew Havinga	Public Meeting	24 August 2016	The fifth bullet point of the fifth slide in the Digby Wells meeting presentation mentions Steynol Mining Rights. Has the Mining Right been issued already and why is the public not aware it? This is considered a deliberate attempt to keep public in the uninformed. How trustworthy is the Enviro-Legal process?	Once the Department of Mineral Resources makes a decision on the Palmietkuilen Application, Canyon Coal is legally obligated to notify all registered I&APs of the decision within 14 days of the decision being made. Digby Wells cannot comment on the Steynol Mining Right as Digby Wells was not involved with that process.	Not finalised.
Name not provided	Public Meeting	24 August 2016	Digby Wells has done some specialist studies and analysis for previous EIA's for other projects in the area. Is it possible to do a referral? Were these studies previously undertaken?	Digby Wells has not previously conducted studies for this specific site. The Specialist Studies currently being undertaken will reference previous studies Digby Wells has done in the greater area, where relevant. Should you wish to have access to studies from a particular Project previously undertaken, please provide Digby Wells with the relevant project information and the studies will be provided electronically.	Not finalised.
Name not provided	Public Meeting	24 August 2016	Companies undertaking EIA processes keep a low profile. I have seen this a number of times; you [Canyon Coal] do not inform the public. How many people are in this meeting? Why don't you put up a big sign by the main road so that everyone who drives to work can be able to see it. We only heard about this project from other people. The signs you have put up are too small.	The four site notices which are placed at the proposed development site and surrounds are compiled and sized according to subregulation 4(a) of the EIA Regulations GN R 982, which requires site notices to be 60cm by 42 cm (A2). Digby Wells will, however, place the EIA Phase site notices in more easily accessible places.	Not finalised.
Name not provided	Public Meeting	24 August 2016	Attempts to have meetings with Digby Wells in the past were never successful.	No project details were provided therefore a response in this regard is not possible.	Not finalised.
Name not provided	Public Meeting	24 August 2016	Provide an explanation as to why Anglo Operations Limited is the Applicant for the Mining Right and not Canyon Coal.	The Prospecting Right was held by Anglo and has not yet been ceded to Canyon Coal, therefore Anglo must still be the Applicant for the Mining Right Application process. If the Mining Right is granted, Anglo and Canyon will finalise the change in ownership.	Not finalised.
Name not provided	Public Meeting	24 August 2016	Who is Canyon Coal?	Canyon Coal is a South African mining company and the cessionary to the Mining Right for the Palmietkuilen Project, should it be approved. Pandospan forms part of the Canyon Group of Companies for which Canyon Coal	Not finalised.

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
				functions as the operational divisions	
Name not provided	Public Meeting	24 August 2016	Canyon is the same company that has submitted Applications for surrounding properties to the proposed Palmietkuilen Project site.	Canyon has made applications for the development of the Welgedacht rail siding and the Ukufisa Colliery located in Springs.	Not finalised.
Name not provided	Public Meeting	24 August 2016	There is an informal settlement in the vicinity, were these people informed?	Three of the four site notices were placed around the proposed Project boundary and an advertisement was placed in the Springs Advertiser. Both forms of communication contained the date of the Public Meeting as well as announcing the availability of the Draft Scoping Report for public review.	Not finalised.
Name not provided	Public Meeting	24 August 2016	Digby Wells was the EAP for the EIA Process for the mine by Blesbok in the past. Surely you do have details of the local communities.	I&AP databases are compiled to be project-specific and are referenced when applicable.	Not finalised.
Philip de Jager	Public Meeting	24 August 2016	Digby Wells was the EAP for a Mining Right Application adjacent to the proposed Palmietkuilen Project. Digby Wells received e-mails from I&APs and this information should have been included in the Palmietkuilen database.	To the extent possible, databases from surrounding Project sites were referenced.	Not finalised.
Name not provided	Public Meeting	24 August 2016	Was told that the meeting was by invitation only.	The public meeting date was advertised in the Springs Advertiser and included on the site notices. Notifications were sent to I&APs whose details were available to Digby Wells at the time. A notification serves to reach a broader audience through word-of-mouth and is not intended as a personal invitation to a particular individual.	Not finalised.
Name not provided	Public Meeting	24 August 2016	The programme aired on Checkpoint regarding the impact of dust on communities surrounding mine sites.	An Air Quality Impact Assessment will be undertaken and the result of dust deposition will be provided in the EIA Report.	Not finalised.
Matthew Havinga	Public Meeting	24 August 2016	Three articles appeared in the Springs Advertiser stating that the community is opposed to mining. There should be proof that all the mining rights are on the local newspaper	Your comment is noted.	Not finalised.
Name not provided	Public Meeting	24 August 2016	A major concern is none of the authorities are prepared to tell the community that they are looking at the broader picture in the area. There are studies done in the past tailings, acid mine drainage, historic mining and now a new mine is being proposed. Regional cumulative impacts to water are not assessed in reports and when requested, the response is that it falls outside the Scope of Work on a particular project.	The Department of Water and Sanitation (DWS) monitors surface water and groundwater in designated areas. The proposed Project area is under the jurisdiction of the Vaal River Management Forum. Water monitoring results can be accessed from the DWS.	Not finalised.
Name not provided	Public Meeting	24 August 2016	Do the Authorities conduct site inspections?	If the Project is approved, the Department of Mineral Resources will conduct audits of the mine against the conditions of Authorisation and the conditions for environmental management as contained in the	Not finalised.

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
				Environmental Management Programme. The Department will provide feedback in terms of compliance and non-compliance. The Department of Water and Sanitation will similarly conduct audits against the Water Use Licence, if granted.	
Matthew Havinga	Public Meeting	24 August 2016	How do you plan to address the comments from this particular meeting that the Public Participation was insufficient?	Issues surrounding the time of the meeting, the venue location and methods of notification have been noted and Digby Wells will endeavour to reach more individuals to be invited to the EIA Phase Public Meeting.	Not finalised.
Matthew Havinga	Public Meeting	24 August 2016	We would like to get access to Canyon's records from current operations, including external audit results, to assess how the company is performing environmentally, so the public has an informed idea of the sort of impacts to be expected from mining activities.	Monitoring results of Canyon Coal's other operations, including groundwater, surface water and dust, for instance are public record and may be requested from the relevant authorities.	Not finalised.
Les Cass	Public Meeting	24 August 2016	Do not call this public participation a meeting, but public information sharing.	The purpose of the Scoping Phase is to gather information for the EIA Phase. This includes information sharing at the Scoping Phase Public Meeting.	Not finalised.
Ian Page	Public Meeting	24 August 2016	Current operations Canyon How far are the mining operation to the closest town in kilometres?	In terms of current Canyon operations, the Phalanndwa Colliery is approximately 12 to 15 km from Delmas. In terms of this application, the distances between the proposed site and surrounding settlements and towns is captured the Scoping Report. A plan has been attached in Appendix 5 showing the local setting and the relevant distance from the mining operations to the surrounding towns and settlements.	Not finalised.
Ian Page	Public Meeting	24 August 2016	Have any studies done in terms to property values?	This study has since been undertaken.	Finalised
Ian Page	Public Meeting	24 August 2016	Has Digby Wells ever not been successful on an EIA process, and what was the reason	Applications do get rejected and the reason for a rejection is project-specific. I&APs and mining companies are granted the opportunity to appeal the Department's Record of Decision, whether the Application is accepted or rejected.	Not finalised.
Philip de Jager	Public Meeting	24 August 2016	Would the applicant apply for re-zoning?	Canyon will have to submit an application to change the current property zoning to mining.	Not finalised.
Philip de Jager	Public Meeting	24 August 2016	How much land are we talking about for this proposed Project?	The footprint area for the proposed mining Right is approximately 3,500 ha but the actual mining activity footprint is approximately 1,000 ha.	Not finalised.
Philip de Jager	Public Meeting	24 August 2016	The farm is within Lesedi and this the best farming land in South Africa	A Soil, Land Use and Land Capability Impact Assessment will be undertaken as part of the EIA Phase. This report will be attached to the EIA Report and a summary of the findings will be included in the EIA Report.	Not finalised.

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
Philip de Jager	Public Meeting	24 August 2016	There is a large amount of infrastructure around the Aston Lake and that has the potential to be developed as a mining area as these developed areas are within the proposed Mining Right boundary.	Although the proposed Mining Right area encompasses the Aston Lake residential area, no mining will take place outside of the proposed footprint. If Canyon wishes to exploit those resources in future, an amendment application will have to be lodged.	Not finalised.
Philip de Jager	Public Meeting	24 August 2016	If Canyon choose to extend the mining area will the amendment require an EIA process?	Expanding the mining area will most likely require a Water Use Licence Application which triggers Activity 6 of Listing Notice 2 Regulation 984 of the National Environmental Management Act, 1997 (Act 107 of 1998). Any Activity in terms of Listing Notice 2 requires a Scoping and EIA Process is followed. Any mine is bound by the Listed Activities they have been approved to undertake.	Not finalised.
Drikus van der Hover	Public Meeting	24 August 2016	Expressed concern regarding the Marievale bird sanctuary. Have the authorities been informed of this Project and shouldn't they attend meetings.	All stakeholders, including the relevant authorities, are invited to attend these meetings. Some people prefer direct communication with the EAP rather than attending a meeting. The Marievale Bird Sanctuary is included in our Fauna and Flora assessment.	Not finalised.
Name not provided	Public Meeting	24 August 2016	Will it be possible to have the date of the next meeting?	Once the meeting date has been set for the EIA Phase (most likely in January 2017), all registered I&APs will be sent a notification letter with the details pertaining to the meeting. Site notices will also be placed around the site and an advertisement will also be placed in the Springs Advertiser.	Not finalised.
Name not provided	Public Meeting	24 August 2016	This person lives 12 km "as the crow flies" from the Canyon Delmas operation and can feel the vibrations from blasting. Up to what range will be blasting be felt for this project?	A Blasting and Vibrations study will form part of the EIA Phase. The study will identify the extent to which blasting and the associated vibrations will impact surrounding infrastructure.	Not finalised.

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
Bianka Pretorius; CB Pretorius; Doep du Plooy and Tjoeks du Plooy and 160 signatories	Written comment (Community petition)	09 September 2016	We, the undersigned, agree that the development of the Palmietkuilen Mining Project should stop/seize. We feel that the mine would negatively affect the Aston Lake community and that our town does not have an existing road system to sustain the negative traffic impacts this mine would bring. - We sign this petition because we are about our small community, the small businesses situated there and we feel this project would negatively impact our community's quality of life as well as the Fauna/Flora of this area.	The content of the petition has been noted and the petition is attached hereto in Appendix 7.	Not finalised.
Victor Kgosiemane	Schoeman Boerdery Umbila Community Meeting	20 November 2016	From what age will mine recruit?	According to employment equity law, people at the age of 18 upwards qualify to be hired	

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
Khululekani Hlatshwayo	Schoeman Boerdery Umbila Community Meeting	20 November 2016	Are there any plans in place for the people who live in the farm should they be relocated ? If yes, will they get new houses?	Certain legislations that need to be followed when people are moved from their respective places. There will be an agreement need to be reached between the landowner and the mine.	
Jacob Dimo	Schoeman Boerdery Umbila Community Meeting	20 November 2016	When the mine start working, will they hire local people of outsiders?	Legislatively requires to hire local people first, if the mine is looking for a certain skill and cannot be found locally it is then that they can look elsewhere	

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
Kagiso Kgosiemane	Schoeman Boerdery Umbila Community Meeting	20 November 2016	Based on all the licences to applied for, will this proposed project go ahead or not? Is Digby Wells in a position to tell?	<p>DWE is not in a position to know if the proposed project will go ahead or not u until the licences are being approved.</p> <p>There are a lot of issues that need to be looked at, there are people who will be affected should the mine be given a go ahead to mine in the area.</p>	
Kagiso Kgosiemane	Schoeman Boerdery Umbila Community Meeting	20 November 2016	If people are still living in the area during mining won't they be exposed or be affected by diseases caused by the mine.	<p>Mine is required to do according to law and the environmental study. The authorities will inspect the mine to ensure they are doing things correctly and managing all impacts, including impacts have health issues.</p>	

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
Thabang Masehla	Schoeman Boerdery Umbila Community Meeting	20 November 2016	What skills or qualifications are required to work for the mine?	Social Labour Plan (SLP) will guide on what skills and qualifications are required it also states conditions of employment. Department of Mineral Resources needs to approve the SLP before mining right is granted.	
Joseph Dimo	Schoeman Boerdery Umbila Community Meeting	20 November 2016	That the Licence has not been granted yet, what will happen to the graves in the area?	Grave location has been recorded, but it is recommended to avoid them and protect them. If they are required to be moved, there is a legislation that governs this process where there is a consultation with the next of kin.	Noted

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
Lucas Sibanyoni	Schoeman Boerdery Umbila Community Meeting	20 November 2016	What will happen to the senior citizens who receive pension should they be relocated.		
<b>Other Competent Authorities Affected</b>					
Tebogo Molokomme Department of Sport, Arts, Culture and Recreation	Written comment	12 August 2016	Please conduct a Heritage Impact Assessment (HIA) during the EIA process. The HIA report must amongst other things include the following: <ul style="list-style-type: none"> <li>Identify and map heritage resources to be impacted</li> <li>Give mitigation measures</li> <li>Include the Public participation report</li> </ul> Once the HIA report is ready, please do furnish us with one hard copy plus a CD.	An HIA is being undertaken for EIA Phase and will be provided.	Consensus
Riaan Myburgh / Chinga Mazhetse Civil Aviation Authority	Written comment	12 August 2016	Requested further information regarding the location of the Project and airfields nearby.	Kml file of the Project area and Regulation 2(2) Plan provided.	Not finalised
Anton Maluka Directorate: Land Use and Soil Management Department of Agriculture, Forestry and Fisheries	Written comment	09 September 2016	Requested a site inspection with the client and the EAP on 14 September 2016	Digby Wells has suggested the site visit take place once the baseline has been finalised.	Not finalised
Department of Agriculture, Forestry and Fisheries Director: Land Use and Soil Management	Written comment	04 October 2016	<ul style="list-style-type: none"> <li>The topsoil should be stockpiled only in designated areas to be used during rehabilitation;</li> <li>Proper mitigation measures should be employed to avoid soil erosion. Any form of erosion such as wind or water should be prevented with the necessary control measures such as systematic removal of alien invasive plants, effective contours and waterways, etc.;</li> <li>All mitigation measures to be employed should be aimed at addressing all cumulative and regional</li> </ul>	Noted. Thank you for your comment.	

Interested and Affected Parties		Date of Comments Received	Issues Raised	EAPs Response to Issues as Mandated by the Applicant	Consultation Status
			negative impacts of the proposed activity.		

**Table -1: Other Affected Parties**

Other Affected Parties		Date of comments received	Issues raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and/or responses were incorporated
Name of Individual	Consulted				
<i>None to date</i>	-	-	-	-	-

**Table -2: Interested Parties**

Interested Parties		Date of comments received	Issues raised	EAPs response to issues as mandated by the applicant	Section and paragraph reference in this report where the issues and/or responses were incorporated
Name of Individual	Consulted				
Aldine Armstrong Eversheds Attorneys	Written comment	18 August 2016	Requested Google Earth image of the project site	Provided kml files with project boundary and proposed infrastructure layout	

Public Participation Report

Integrated Environmental Impact Assessment for the Proposed Palmietkuilen Coal Mine near Springs, Gauteng

CNC4065



DIGBY WELLS  
ENVIRONMENTAL

## Appendix E: PowerPoint Presentation



**DIGBY WELLS**  
ENVIRONMENTAL

**Environmental Authorisations for the  
Proposed Palmietkuilen Project, Springs**

**DMR Ref: GP 30/5/1/2/2/10047MR**  
Scoping Phase Public Meeting  
Stable Inn, Springs  
24 August 2014

**Contents of the Presentation**

- Objectives of the meeting;
- Project Team;
- Project Information;
- Legal Requirements and Infrastructure;
- EIA Process;
- Specialist Studies;
- Environmental Baseline;
- Potential Impacts;
- Public Participation; and
- Next steps.

## Objectives of the meeting

- To present stakeholders with the following:
  - Background information of the Project;
  - The activities on the mine;
  - A brief description of the receiving environment (baseline);
  - The Environmental Impact Assessment (EIA) Process; and
  - The Plan of Study / Plan going forward.
- To provide an opportunity for Interested and Affected Parties (I&APs) to discuss the Project with the team; and
- To obtain comments and inputs into the Project and the scope of work, using local knowledge from Stakeholders.

## Project Team

Anglo Operations Limited (AOL) is the owner of the Prospecting Right and the Applicant for the Project. Canyon Coal will transfer the Mining Right once complete.

### **Canyon Coal (Cessionary)**

- Melissa Pillay
- Clifford Hallat

### **Digby Wells Environmental**

Digby Wells is the independent environmental consultant appointed to undertake the EIA Process, and the team members are:

- Ms. Stephanie Aken (Project Manager)
- Ms. Qondile Monareng (Stakeholder Engagement Specialist)
- Ms. Xanthe Taylor (Project Administrator)

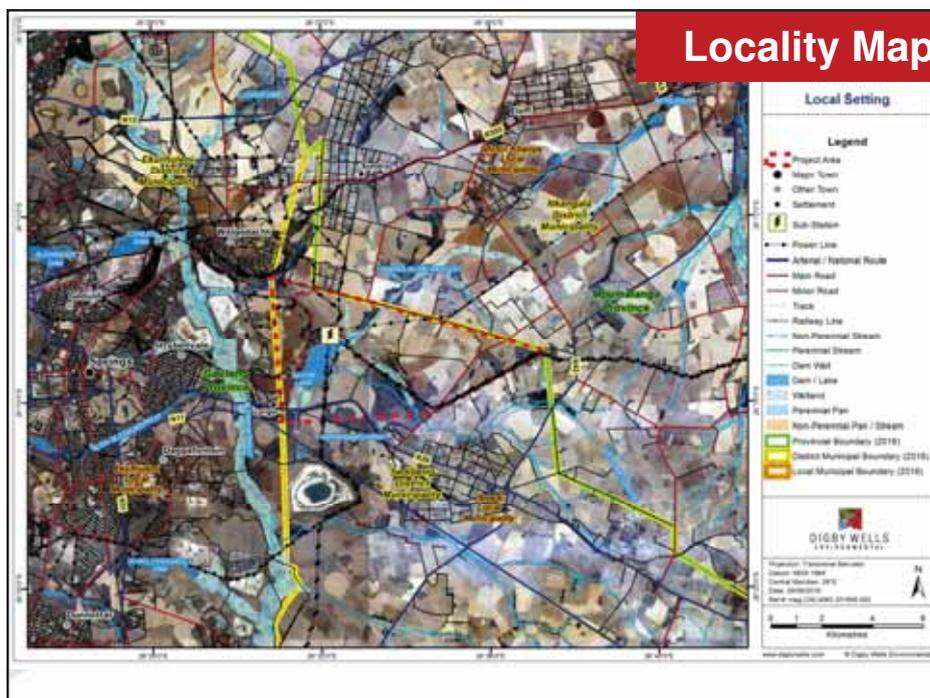
## Pandospan / Canyon Coal

- In June 2016, Pandospan (Pty) Ltd (Pandospan) concluded a contract with Anglo Operations Limited in support of the acquisition of a prospection right for coal (DMR Ref. No. GP 30/5/1/1/2 (201/10026) PR).
- The enviro-legal applications for the project will be managed by Pandospan.
- Pandospan forms part of the Canyon Group of Companies for which Canyon Coal functions as the operational division.
- Canyon Coal is a well-established South African mining company with three operational coal mines. Two of the operational mines are located just outside of Middleburg – Hakhano and Singani Colliery and one in Delmas – Phalanndwa Colliery.
- A subsidiary company includes Canyon Coal, Steynol (Pty) Ltd, is also in the possession of a mining right for Ukufisa Colliery located in Springs.
- There are various other mining right applications currently in progress under the management of Canyon Coal. This include the proposed Witfontein Project in Belfast and Phalanndwa Extension Project in Delmas.

## General Project Background



- AOL is the current Project Applicant and will transfer the Mining Right to Canyon Coal if the Project is approved;
- AOL is the holder of the Prospecting Right which expires on 05 November 2018;
- The Project comprises a proposed coal mine and associated mining infrastructure known as the Palmietkuilen Mine;
- The proposed Project includes Portions 1, 2, 4, 9, 13 and 19 of the Farm Palmietkuilen 241 IR in the Sedibeng District Municipality;
- The Life of Mine is anticipated to be 47 years from construction to closure.



### Project Description

- This is a “greenfields” Project – no mining infrastructure in place yet; and
- All infrastructure will be on Portions 2 and 19 of Farm Palmietkuilen;
- The coal seams are shallow and therefore open pit mining is required using the truck and shovel method;
- Coal production has been projected at 2.4 million tonnes per annum; and
- Coal will be processed on site and the product will be transported via road to the Welgedacht siding 2 km from site to be distributed via rail.

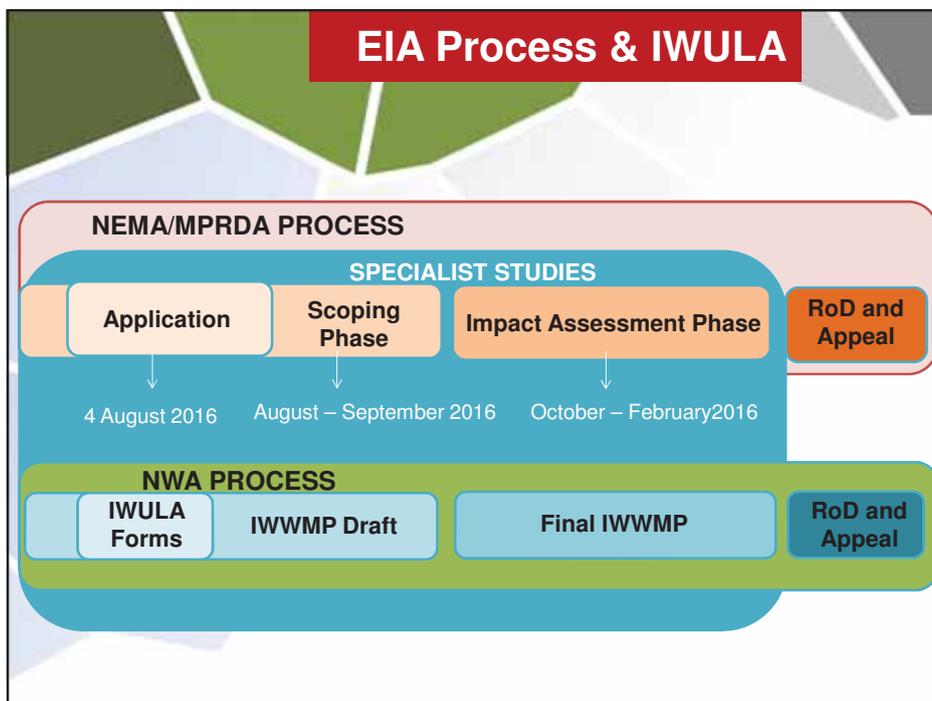
## Infrastructure

The proposed infrastructure to be placed within the proposed development footprint includes:

- Access and haul roads;
- Office blocks;
- Workshops;
- A coal processing plant including a filter press plant;
- Stockpile areas;
- Pollution control dams;
- Slurry dams;
- Stormwater trenches and berms;
- Waste management infrastructure;
- Hazardous storage facilities; and
- A future development area (to be confirmed).

## Legal Requirements and Licensing

Legislation	Licence to be Applied For	Documentation	Competent Authority
<b>National Environmental Management Act, 1998</b> <i>(as amended Dec 2014)</i>	Environmental Authorisation	Scoping Report and Environmental Impact Report	Department of Mineral Resources (DMR)
<b>National Environmental Management: Waste Act, 2008</b>	Waste Management Licence	Scoping Report and Environmental Impact Report	DMR
<b>Mineral and Petroleum Resources Development Act, 2002</b> <i>(read in conjunction with NEMA)</i>	Environmental Authorisation Closure Cost Assessment and Rehabilitation Plan	Scoping Report and Environmental Impact Report	DMR
<b>National Water Act, 1998 (NWA)</b>	Water Use Licence	Integrated Water and Waste Management Plan	Department of Water and Sanitation (DWS)



### Specialist Studies

**Purpose:**

- Generate an understanding of the baseline environment;
- Identify potential impacts to investigate;
- Develop the terms of reference for the EIA Phase

**Terms of Reference / Plan of Study:**

Outline what is required to predict and quantify the potential impacts caused by the Project

**Specialist studies :**

Pedology (Soil, Land Use and Capability)	Groundwater
Surface Water	Air Quality
Noise	Fauna and Flora
Wetlands	Aquatics
Heritage	Traffic
Blasting	Socio-Economic
Visual & GIS	Rehabilitation and Closure

## IWULA Process

- The assumed water uses, in terms of the NWA include the following, however, these will be confirmed once the WULA process commences:
  - Section 21 (a) *“Taking water from a water resource”*;
  - Section 21 (c) *“Impeding or diverting the flow of water in a watercourse”*;
  - Section 21 (i) *“Altering the bed, banks course or characteristics of a watercourse”*;
  - Section 21 (j) *“Removing, discharging, or disposing of water found underground if it necessary for the efficient continuation of an activity or for the safety of people”*;
  - Section 21 (g) *“Disposing of a waste which may have a detrimental impact on the water resource”*
- A desktop analysis will be undertaken first to identify potential water uses and will be confirmed during a site inspection;
- The DWS will be consulted;
- The IWWMP will be compiled and submitted for public review

## Summary of Baseline Environment

- The Project boundary encompasses several tributaries of the Blesbokspruit (Ramsar Protected wetland), located 3km from site;
- Five pans and/or wetlands will be mined through;
- The site is located in the vicinity of both minor and major aquifers;
- The site comprises Andesite Mountain Bushveld, Soweto Highveld Grassland and Eastern Highveld grassland, however, the majority of the Project footprint falls within an agricultural land use and has therefore been impacted;
- Three recorded plant species with Red Data Status have been recorded in the area;
- Wetland Avi-fauna species are also expected due to the Marievale Bird Sanctuary being located 10km south of the Project site;
- Two Graveyards have also been identified in the footprint of the proposed open pit area; and
- Residential areas surrounding the Project site include Largo, Vischkuil, Welgedacht Endicott and Strubenvale.

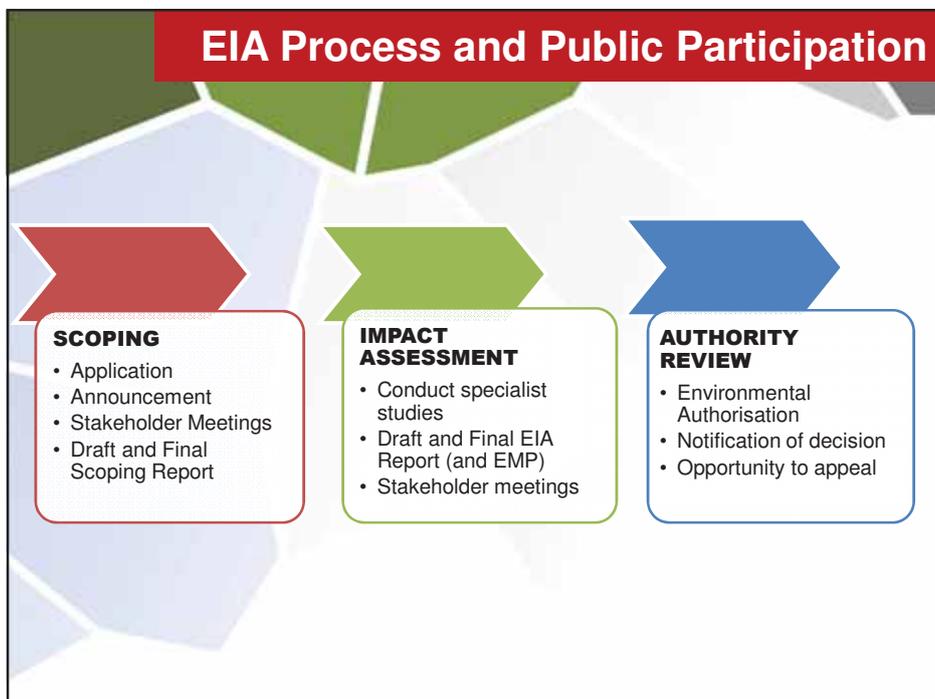


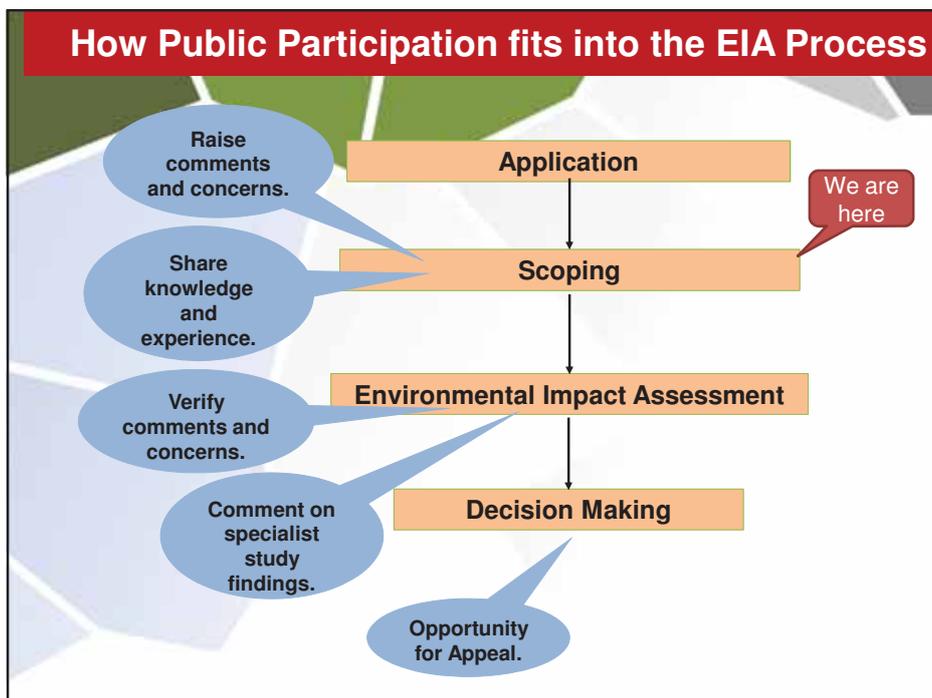
## Potential Impacts



The negative environmental impacts preliminarily identified will be verified during the EIA Phase, which include:

- Loss of utilisable soil;
- Loss of wetland and aquatic habitat;
- Potential downstream surface water contamination;
- Acid Mine Drainage;
- Aquifer fracturing due to blasting;
- Nuisance factors for nearby residents: Dust, noise, vibrations;
- Relocation of graves; and
- Increased traffic.





### Digby Wells Contact Details

Contact Person	Email	Post	Numbers
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Stephanie Aken	Stephanie.Aken@digbywells.com		
Xanthe Taylor	Xanthe.taylor@digbywells.com		

### Availability of Scoping Report

Venue	Address	Contact	Number
Springs Library	55 Fifth Street, Springs	Tebogo Kekana	011 999 8801/4
Heidelberg Library	Corner of Jacob and Louw street, Heidelberg	Beatrice Sepogwane	011 492 0050
Bakerton Library	Corner 1 <sup>st</sup> Avenue and Teabush Avenue, Bakerton	Sive Gaxa	011 999 8826

The report is also available on the following website: [www.digbywells.com](http://www.digbywells.com) (under Public Document) Phone and request a CD copy at (011) 789 9495

### Next steps for Public Participation

Activity	Date
Application Form	Submitted on 04 August 2016
Draft Scoping Report Public Review Period	12 August 2015 – 10 September 2016
Scoping Phase Public Meeting	24 August 2016
Submission of Updated Scoping Report	16 September 2016
Draft EIR Public Review Period	December 2016 - January 2017
Submission of Updated EIR	February 2017

