



DIGBY WELLS  
ENVIRONMENTAL

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## Appendix 3.1: Stakeholder Database

Icon	Category	Company	Department	Mr/Ms	First Name	Last Name	Position
1	Directly Affected landowners	Afgri Operations Ltd		Mr	Ruan	van der Merwe	
2	Directly Affected landowners	Anglo Operations Pty Ltd		Mr	Dirk	Kitching	
3	Directly Affected landowners	Bezuidenhout Gert Petrus		Mr	Gert	Bezuidenhout	
4	Directly Affected landowners	Breet Cornelius Theunis Oosthuizen		Ms	Cornie	Breet	
5	Directly Affected landowners	Bsure Property Developers cc					
6	Directly Affected landowners	C H Truter Familie Trust		Ms	Christie	Truter	
7	Directly Affected landowners	Christoffel Marthinus Du Toit Van Rooyen		Mr	Clifford	Colling	
8	Directly Affected landowners	Cornelia Magrieta Gibson		Mr & Mrs	Johan / Marita	Gibson	
9	Directly Affected landowners	Frederick John Farrell		Mr	Johann	du Plessis	
10	Directly Affected landowners	Frikkie Cloete Familie Landgoed Pty Ltd					
11	Directly Affected landowners	Gert Fredrick Meyer		Mr	Gert	Meyer	
12	Directly Affected landowners	Gilbert Paul Victor De Cort		Mr	Gilbert	De Cort	
13	Directly Affected landowners	Glencore Operations /Truter Boerdery Trust/Duiker Mining /Xstrata South Africa		Mr	Barry	Fourie	
14	Directly Affected landowners	Hanlu Ontwikkelings Pty Ltd					
15	Directly Affected landowners	Henwi Trust		Mr	Petrus Johannes	Prinsloo	
16	Directly Affected landowners	Herver Arnold Petrus Du Toit van Den		Mr	Arnold (Arrie)	van den Herver	
17	Directly Affected landowners	Ingwe Surface Holdings (BHP Billiton)		Mr	Gert Petrus / Jan	Bezuidenhout/Labauschagne	
18	Directly Affected landowners	Ingwe Surface Holdings (BHP Billiton)		Mr	Pampoen	Mlangeni	
19	Directly Affected landowners	Ingwe Surface Holdings (BHP Billiton)		Ms	Annalise	Van Zyl	Environmental Supervisor
20	Directly Affected landowners	Ingwe Surface Holdings (BHP Billiton)		Mr	Gert		
21	Directly Affected landowners	Irendedale Trust					
22	Directly Affected landowners	Kernels Trust		Ms	Cornie	Breet	
23	Directly Affected landowners	Kirton Leslie Graham (Apie)		Mr	Apie	Kirton	
24	Directly Affected landowners	Largo Technical Engineering cc					
25	Directly Affected landowners	Lonerock Quarries CC		Mr	Wim	van der Westhuizen	
26	Directly Affected landowners	Mahlangu Family Communal Prop Association		Mr	Themhani	Moyo	
27	Directly Affected landowners	Mahne's Areas Pty Ltd					
28	Directly Affected landowners	MMS Masakhane Mining Supply & Construction cc					
29	Directly Affected landowners	Pieter De Bruto		Ms	Cornie	Breet	
30	Directly Affected landowners	Pieter Torsten Evert Genis		Mr	Torsten	Genis	
31	Directly Affected landowners	Private Person		Mr	Christina	Janse van Rensburg	
32	Directly Affected landowners	Private Person		Mr	Ruan	van der Merwe	
33	Directly Affected landowners	Quickstep 412 Pty Ltd		Mr	Wim	van der Westhuizen	
34	Directly Affected landowners	Sightfull Coal Pty Ltd		Mr	Pampoen	Mlangeni	
35	Directly Affected landowners	Nokuhle Coal Pty Ltd/Ogiesfontein Farm		Mr	Victor	Lebepe	
36	Directly Affected landowners	National Department of Land Affairs		Mr	Zepht / Wim	Sikosana/ van der Westhuizen	

Icon	Category	Company	Department	Mr/Ms	First Name	Last Name	Position
37	Directly Affected landowners	National Government of the Republic of South Africa		Mr	Vincent	Phukela	
38	Directly Affected landowners	Ogies Township Co Pty Ltd			The Manager		
39	Directly Affected landowners	South African National Roads Agency		Ms	Victoria	Bota	
40	Directly Affected landowners	South African National Roads Agency		Mr	Arnold (Arrie)	van den Herver	
41	Directly Affected landowners	Talama cc		Mr	Willem	Coetser	
42	Directly Affected landowners	Telkom SA		Ms	Ntombi	Masango	Land Surveying Technician
43	Directly Affected landowners	Transnet		Mr	Phillip	De Klerk	
44	Directly Affected landowners	Xstrata South Africa Pty Ltd		Mr	Clifford	Colling	
45	Directly Affected landowners			Mr	Frikkie	Cloete	
46	Directly Affected landowners			Mr	Willem	Coetser	
47	Directly Affected landowners			Ms	Smart Rachel	Jacoba	
48	Directly Affected landowners			Mr	Edmund John	McLellan	
49	Directly Affected landowners			Mr	Jakobus	Van Baalen	
50	Directly Affected landowners			Ms	Anna Magdaline	van der Linde	
51	Directly Affected landowners			Mr	Wim	van der Westhuizen	
52	Directly Affected landowners			Ms	Thandi Joyce	Skhosana	
53	Directly Affected landowners	Ingwe Surface Holdings (BHP Billiton)		Mr	Vikesh	Dhanooklal	
54	Directly Affected landowners	Lonerock Quarries CC		Mr	Andre	Trollip	
55	Directly Affected landowners	Truter Boerdery Trust		Mr	Pieter	De Bruto	
56	Directly Affected landowners	Truter Boerdery Trust/Unknown		Ms	Christie	Truter	
57	Directly Affected landowners	Unknown/Emalahleni Local Municipality		Mr	LP	Mofokeng	
58	Directly Affected landowners	VA INV CC					
59	Directly Affected landowners	Pride Milling		Mr	Nico	Le Roux	
60	Directly Affected landowners	Venaar Beleggings Pty Ltd		Mr	De Vos	Breet	
61	Directly Affected landowners	Wentzel Allewyn Francois		Mr	Alf	Wentzel	
62	Industry and Commerce	Eskom Park (Eskom Holdings)	Land Surveying	Ms	Ntombi	Masango	Technician
63	Industry and Commerce	Chamber of Commerce		Mr	Francois	van Niekerk	Marketing Manager
64	Industry and Commerce	Transnet LTD		Mr	Tshilidzi	Masalesa	Environmental Specialist
65	Industry and Commerce	Paul Van Wyk Economists and Planners cc		Ms	Ola	Schumacker	
66	Industry and Commerce	Eskom Park (Eskom Holdings)		Ms	Goodness	Ntuli	Chief Advisor
67	Provincial Government	Department of Agriculture - Mpumalanga	Environmental	Ms	Zanele	Shongwe	Deputy Director
68	Provincial Government	Department of Mineral Resources – Mpumalanga		Ms	Helen	Maumela	Mine Environmental Management Officer
69	Provincial Government	Department of Mineral Resources – Witbank	Environmental	Mr	Samuel	Mathavhela	Assistant Director
70	Provincial Government	Provincial Land Claims Commissioner		Ms	Phindi	Sibanyoni	Information Officer
71	Provincial Government	Department of Water Affairs (DWA) - Bronkhorstspuit		Mr	Stanford	Macevele	Deputy Director

Icon	Category	Company	Department	Mr/Ms	First Name	Last Name	Position
72	Provincial Government	Department of Water Affairs (DWA) - Mpumalanga		Mr	Luvuyo	Mqelenga	Acting Deputy Director
73	Provincial Government	Department of Water Affairs (DWA) - Mpumalanga		Ms	Bridget	Manamela	Environmental Officer
74	Provincial Government	Department of Water and Sanitation: Mpumalanga Region	Water Pollution	Mr	Adivhaho	Rambuda	Water Pollution Control Officer
75	Provincial Government	Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs (MDARDLEA)	Environmental Impact Management	Ms	Dineo	Tswai	Deputy Director: Environmental Impact Management
76	Provincial Government	Mpumalanga Department of Economic Development, Environment, Conservation and Tourism (MDEDECT)		Mr	Selby	Hlatshwayo	Acting Director
77	Provincial Government	Mpumalanga Department of Economic Development, Environment, Conservation and Tourism (MDEDECT)	Waste and Pollution Section	Mr	Joe	Mabuza	Deputy Director
78	Local Municipality	Emalahleni Local Municipality		Mr	Sipho	Mthimunye	Town Planner
79	Local Municipality	Emalahleni Local Municipality	Development Planning	Ms	Nomkitha	Fani	Executive Director
80	Local Municipality	Emalahleni Local Municipality	Environmental Department	Ms	Priscilla	Fenyane	Environmental Health Practitioner
81	Local Municipality	Emalahleni Local Municipality	Local Economic Development (LED)	Mr	Tefo	Kadi	LED Manager
82	Local Municipality	Emalahleni Local Municipality	Environmental and Waste Management	Ms	Sandile	Maseko	Executive Director
83	Local Municipality	Emalahleni Local Municipality	Integrated Development Planning (IDP)	Ms	Nomawabo	Mtshabe	IDP Manager
84	Local Municipality	Emalahleni Local Municipality	Environmental and Waste Management	Mr	Erald	Nkabinde	Head of Department (HOD)
85	Local Municipality	Emalahleni Local Municipality		Clr	Lindiwe Leonah	Ntshalintshali	Executive Mayor
86	Local Municipality	Emalahleni Local Municipality	Environmental Department	Ms	Kate	Ringane	Chief Horticulturist
87	Local Municipality	Emalahleni Local Municipality		Mr	Theo	van Vuuren	Municipal Manager
88	Local Municipality	Emalahleni Local Municipality (Ward 28)		ClIr	Mavis	Jiyane	Ward Councillor
89	Local Municipality	Emalahleni Local Municipality (Ward 30)		ClIr	Nomasonto	Mofokeng	Ward Councillor
90	Local Municipality	Emalahleni Local Municipality (Ward 31)		ClIr	Sifiso	Nkosi	Ward Councillor
91	Environmental NGO's	Endangered wildlife Trust (EWT)		Ms	Karryn	Morrison	
92	Environmental NGO's	Ekgangala Grassland Trust		Ms	Angus	Burns	
93	Environmental NGO's	Federation of Sustainable Environment (FSE)		Mr	Koos	Pretorius	
94	Environmental NGO's	WESSA and Birdlife Africa Free State Province Representative		Ms	Cathleen April	Okaye	

Icon	Category	Company	Department	Mr/Ms	First Name	Last Name	Position
95	Environmental NGO's	WESSA and Birdlife Africa Free State Province Representative		Mr	John	Wessen	
96	Environmental NGO's	World Wildlife Fund SA (WWF)		Ms	Ziyanda	Mfanta	
97	National Government	National Department of Agriculture	Environmental	Ms	Portia	Khumalo	ROC
98	National Government	National Department of Environmental Affairs - EIE	Environmental Impact Evaluation (EIE)	Ms	Millicent	Solomon	Director
99	National Government	National Department of Environmental Affairs (DEA)	Environmental Impact Evaluation	Mr	Obed	Baloyi	Director
100	National Government	National Department of Environmental Affairs (DEA)	Chemical and Waste Management	Mr	Mark	Gordon	Deputy Director General
101	National Government	National Department of Environmental Affairs (DEA)	Systems Management	Mr	Lucas	Mahlangu	Control Environmental Officer
102	National Government	National Department of Environmental Affairs (DEA)	Specialised Production	Ms	Nditsheni	Ramuhulu	Environmental Officer
103	National Government	South African Heritage Agency (SAHRA)		Ms	Genna	Lavin	Heritage Officer
104	National Government	Department of Rural Development and Land Reform		Mr	Rendani	Liphadzi	Senior Project Officer
105	District Municipality	Nkangala District Municipality		Mr	Solly	Links	Environmental Officer
106	District Municipality	Nkangala District Municipality		Mr	Walter	Makgai	LED Manager
107	District Municipality	Nkangala District Municipality		Clr	Linah	Malatji	Mayor
108	District Municipality	Nkangala District Municipality		Mr	Boetie	Mathe	IDP Manager
109	District Municipality	Nkangala District Municipality		Mr	Andrew	Nkosi	Stakeholder/PP Official
110	District Municipality	Nkangala District Municipality		Ms	Margaret	Skhosana	Municipal Manager
111	Public Places	Nkangala District Municipality Library		Ms	Maledimo	Mashabela	
112	Public Places	Ogies Public Library		Ms	Regina	Ngoma	
113	Public Places	Emalahleni Public Library		Mr	Kenneth	Manakane	
114	Public Places	Kriel Public Library		Ms	Phindile	Soko	
115	Farmers Association	Witbank Farmers Association		Mr	Gert	Smith	Chairperson
116	Local Newspaper	Witbank News		Ms	Amanda	Botha	Editor
117	Registered I&AP	Attorneys		Mrs	Nadia	Hetzel	
118	Registered I&AP	Attorneys		Mr	Johan	Smut	
119	Registered I&AP	Local Municipality		Mr	Erald	Nkabinde	Manager: Environmental Management and Compliance
120	Registered I&AP	I&AP		Mr	Zenani France	Sibanyoni-Jiyane	
121	Registered I&AP	I&AP		Mr	Lebeau	Labuschagne	



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## Appendix 3.2: Notification Materials



# DIGBY WELLS

## ENVIRONMENTAL

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## ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED CONSTRUCTION OF A WATER TREATMENT PLANT AT KLIPSPRUIT MINE, MPUMALANGA

### Background Information Document

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**Project Number:** SOU5014

**Prepared for:** South32 SA Coal Holdings (Pty) Limited

**Date:** June

**For any project related information contact:**

Digby Wells Environmental – Stakeholder Engagement Office

Mrs Nondumiso Gwala

Tel: (011) 789 9495

Fax: (011) 789 9498 / (011) 069 6801

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

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

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Digby Wells and Associates (South Africa) (Pty) Ltd  
Co. Reg. No. 2010/008577/07. Turnberry Office Park, 48 Grosvenor Road, Bryanston, 2191. Private  
Bag X10046, Randburg, 2125, South Africa  
Tel: +27 11 789 9495, Fax: +27 11 069 6801, [info@digbywells.com](mailto:info@digbywells.com), [www.digbywells.com](http://www.digbywells.com)

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Directors: GE Trusler (C.E.O), GB Beringer, LF Koeslag, J Leaver (Chairman)\*, NA Mehlomakulu\*,  
MJ Morifi\*, DJ Otto, RA Williams\*  
\*Non-Executive

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## PURPOSE OF THIS DOCUMENT

The purpose of this document is to provide all Interested and Affected Parties (I&APs) with information relevant to the application for environmental authorisation for the proposed construction of a modular Water Treatment Plant at the Klipspruit Colliery, owned by South32 Coal Holding SA (Pty) Ltd (CSA). This document aims to:

- Provide a summary 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
- Invite all I&APs to register as stakeholders, provide comment, raise issues or concerns, and provide suggestions for the enhanced benefit of the Project.

**TO REGISTER AND/OR FOR MORE INFORMATION PLEASE USE THE FOLLOWING CONTACT INFORMATION:**

**Mrs. Nondumiso Bulunga**

**Private Bag X10046, Randburg, 2125**

**Tel: (011) 789 9495**

**Fax: (011) 789 9498 / (011) 069 6801**

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

**Website: [www.digbywells.com](http://www.digbywells.com)**

## BACKGROUND INFORMATION

Digby Wells Environmental (hereafter Digby Wells) has been appointed as the Independent Environmental Assessment Practitioner by CSA. CSA intends to construct a modular Water Treatment Plant (WTP) for treating mine-affected water at its Klipspruit Colliery (KPS) located near Ogies in the Mpumalanga Province.

The enviro-legal application process will include the application for Environmental Authorisation (EA) for Listed Activities triggered in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) and associated regulations, namely the Environmental Impact Assessment (EIA) Regulations of 2014 (as amended in 2017). Concurrently an application for an Integrated Water Use Licence (IWUL) in terms of the National Water Act, 1998 (Act No. 36 of 1998) (NWA) will be undertaken as part of the enviro-legal process for the WTP.

## PROJECT DESCRIPTION

CSA intend to install a modular WTP proposed to be located in the south-eastern corner within the Klipspruit Colliery operational area, to the west of the KPS Project Offices. The WTP will treat up to 10 Mega litres per day (ML/day) of excess affected mine water from its Balancing Dam (containing mine-affected water from the KPS operations). The WTP is proposed to be constructed in three phases of approximately 3.3 ML/day per phase, to make a total full capacity of 10 ML/day. Therefore, this application pertains to the full 10ML/day capacity. Water pumped from the Balancing Dam (abstraction point coordinates: 26° 3'15.15"S; 29° 1'43.35"E) and treated at the WTP will be released directly into the Saalklapspruit (discharge point coordinates: 26° 1'18.83"S; 29° 1'39.57"E) to the north of the KPS mine boundary where the Saalklapspruit flows beneath the N12 highway. Treated water will be pumped from the WTP to the Saalklapspruit discharge area via a





pipeline which will run along the eastern boundary of the mine, and will be approximately 4 km long. Treated water will comply with the Resource Water Quality Objectives which are set by the Department of Water and Sanitation (DWS), and tested before being released into the Saalklapspruit.

At KPS, the affected mine water that is being generated exceeds the re-use and storage capacity within the operations. The result of this is the risk of spillages or discharges to the natural environment. Effective management of this risk is essential to the effective performance at KPS ensuring access to coal resources and securing and maintaining the licence to operate and grow. The treatment and release of affected mine water has been deemed the most feasible option to maintain the colliery's water balance.

### INFRASTRUCTURE

The key infrastructure for this application includes:

- WTP located in the south-eastern corner of the Klipspruit Colliery (total footprint area 1.06 ha);
- Temporary laydown area of 0.4 ha for tools and equipment during the construction phase;
- 1.5 km HDPE feed water pipeline and return water pipeline between the Balancing Dam and the WTP;
- 3.8 km HDPE clean water pipeline from the WTP to the discharge point into the Saalklapspruit;
- A water dissipation structure will be constructed at the discharge point into the

Saalklapspruit to ensure that discharge is done in a manner that will not significantly impact or increase the natural velocity of the stream;

- A new powerline from the existing Ring Main Unit One at the sewage plant and new transformer (22kV/525V) at the WTP site; and
- Change houses and ablution facilities (connected to the colliery's existing sewage line) at the WTP.

### PROJECT LOCATION

KPS is located on various farm portions, the WTP and associated infrastructure subject to this application is specifically located on the following farms:

- Remaining Extent (RE) of Portion 4 of the Farm Oogiesfontein 4;
- Portion 63 of the Farm Oogiesfontein 4
- Portion 2 of the Farm Prinshof 2
- Portion 14 of the Farm Prinshof 2
- RE of Portion 14 of the Farm Klipfontein 3
- RE of Portion 12 of the Farm Klipfontein 3
- Phola Plant No. 830-IS on the Farm Klipfontein 3 IS

Below is a plan showing the local setting and infrastructure of the proposed Project

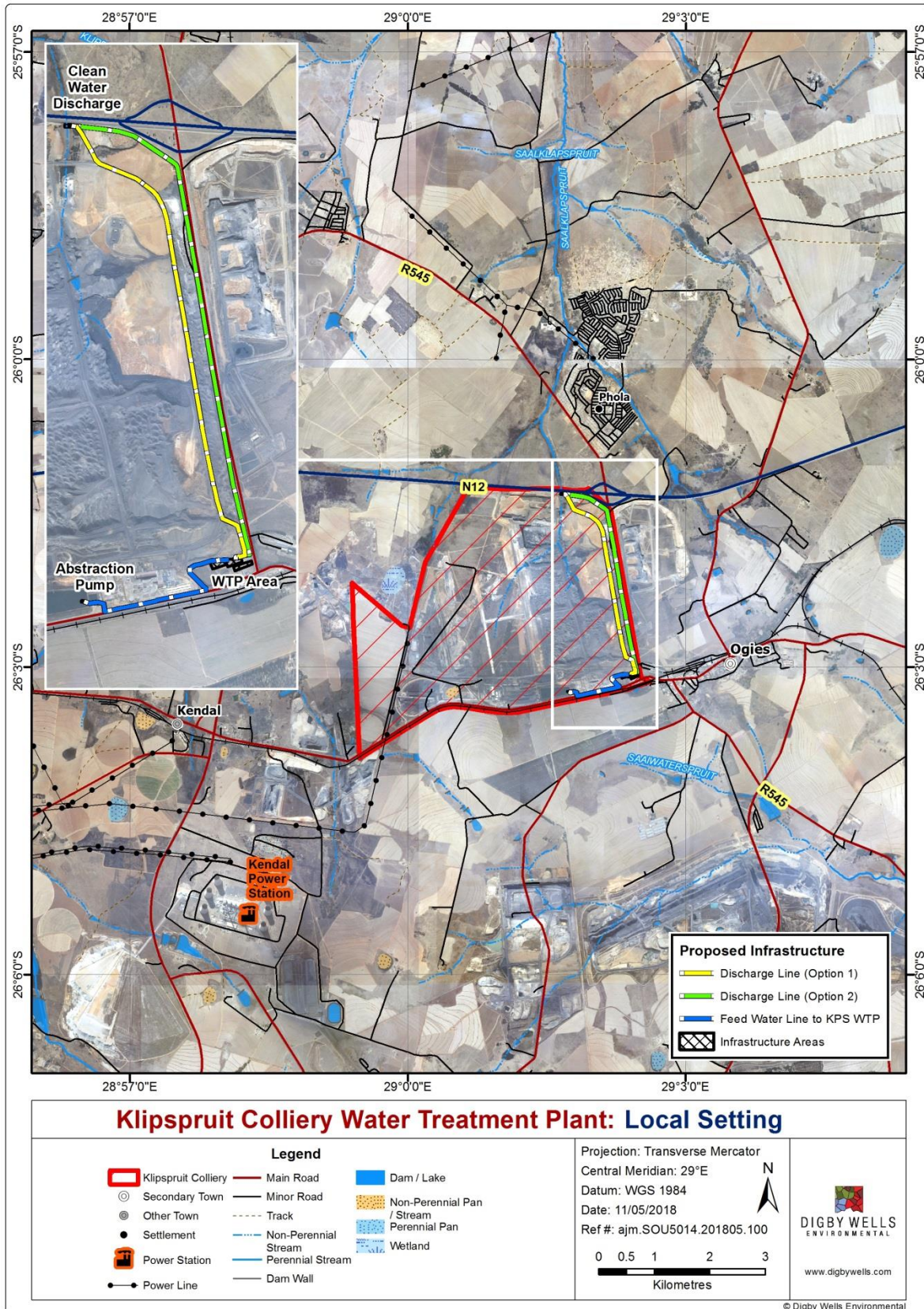


Figure 1: Local Setting and Infrastructure

## ENVIRONMENTAL AUTHORISATIONS

In support of obtaining EA for the proposed Project, the triggered listed activities will require that a Scoping and EIA process be undertaken. The EIA process is under the jurisdiction of the Department of Mineral Resources (DMR), and the WUL process is under the jurisdiction of the DWS.

Specialist studies include a baseline environmental investigation which will identify all sensitivities of the site from the Specialist's perspective. This investigation will be used to inform the impact identification, impact assessment as well as inform the recommended mitigation and management measures.

In-field investigations have been conducted by the various Specialist Studies to verify the site sensitivities and concerns. The Specialist studies to be undertaken include:

- Soil, Land Use, Land Capability, and Impact Assessment;
- Fauna and Flora Impact Assessment;
- Aquatic Ecology Impact Assessment;
- Wetland Impact Assessment;
- Groundwater Impact Assessment;
- Surface Water Impact Assessment;
- Socio-Economic Impact Assessment;
- Heritage Impact Assessment;
- Visual Impact Assessment;
- Noise Impact Assessment; and
- Rehabilitation and Closure Plan including Financial Provisioning Estimate

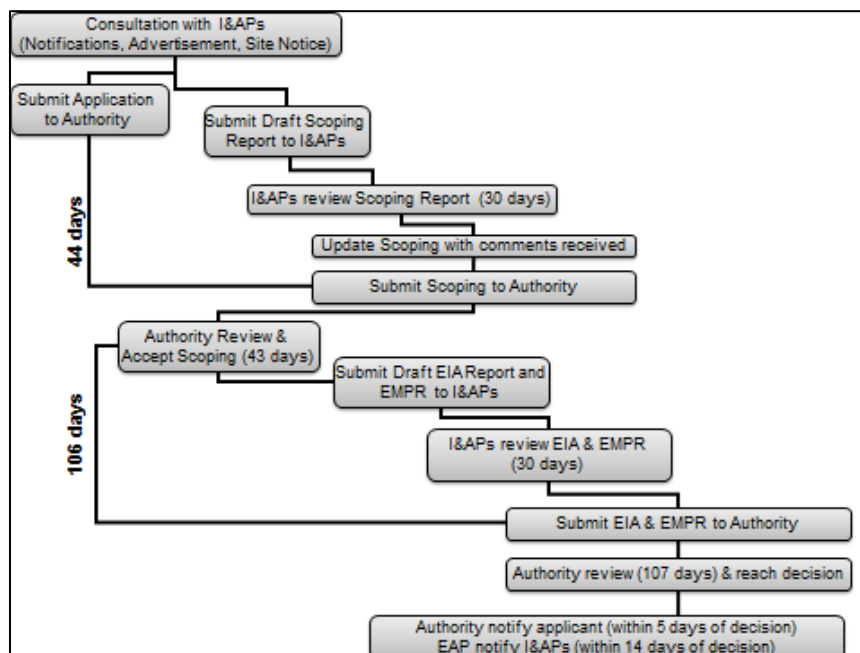
## PUBLIC PARTICIPATION PROCESS

The Public Participation Process (PPP) will be undertaken in compliance with Chapter 6 of the EIA Regulations, 2014 (as amended in 2017).

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.

Stakeholders affected by- or who are interested in the proposed project are invited to register as an I&AP to become involved in the PPP. Notifications to keep I&APs informed throughout the process will be done by means of letters, newspaper advertisements, site notices and telephonic communication.

Once the Competent Authority, DMR, provides a decision about the proposed Project, a letter will be distributed to stakeholders on the database. The letter will contain the Competent Authority's decision and relevant details of the appeals procedure. The process and associated timeframes is summarised in the diagram below:



### AVAILABILITY OF THE DRAFT SCOPING REPORT

The Draft Scoping Report is submitted to I&APs and relevant Government Authorities for review and comment as required by the NEMA EIA Regulations, 2014 (as amended).

A Scoping Reports has been compiled which contains details of the Project description, the activities to be undertaken, and the proposed Plan of Study for the EIA Phase. The Draft Scoping Report will be available for a 30-day public comment period from **22 June to 23 July 2018** at the respective places as indicated in the table below.

Person	Location	Contact
<b>Printed copies</b>		
Kenneth Manakane	Emalahleni Public Library – Corner Mandela / Arras Streets	(013) 690 6229
Regina Ngoma	Ogies Public Library – 61 Main Street	(013) 643 1027
	Kriel Public Library – Corner Quintin / Heinrich Streets	(017) 648 2241
<b>Electronic copies for download</b>		
Nondumiso Bulunga	<a href="http://www.digbywells.com">www.digbywells.com</a> Public Documents tab – select the report by the Project reference number (SOU5014) to download	(011) 789 9495



## Appendix A: Registration and Comment Form







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## Appendix 3.3: Comments Received



## Stakeholder Engagement

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**From:** Nokukhanya Khumalo <nkhumalo@sahra.org.za>  
**Sent:** 13 July 2018 01:57 PM  
**To:** Stakeholder Engagement  
**Subject:** RE: SOU5014:NOTIFICATION FOR AN ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE PROPOSED CONSTRUCTION OF A MODULAR WATER TREATMENT PLANT, MPUMALANGA

Good day

SAHRA has received notification via email, that this project is undergoing a NEMA application process. SAHRA notes this email, and our response is that SAHRA does not accept emailed applications for comments on development applications. If a case on SAHRIS has been created please include the SAHRIS case number in all communications with SAHRA. If there is no existing case, then a new case on SAHRIS needs to be created and all available documents and their appendices must be submitted to the case.

Kind Regards,

Nokukhanya Khumalo

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**From:** Stakeholder Engagement <[sh@digbywells.com](mailto:sh@digbywells.com)>  
**Sent:** 13 July 2018 12:16 PM  
**To:** Stakeholder Engagement <[sh@digbywells.com](mailto:sh@digbywells.com)>  
**Subject:** SOU5014:NOTIFICATION FOR AN ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE PROPOSED CONSTRUCTION OF A MODULAR WATER TREATMENT PLANT, MPUMALANGA

Dear Stakeholders,

If you have received this email, you have been registered as an Interested and Affected Party for the Proposed Construction Of A Modular Water Treatment Plant for South32 SA Coal Holdings (Pty) Ltd (SAEC).

The Department of Mineral Resources reference is **MP 30/5/1/2/2/125 MR** and Digby Wells internal Project reference number is: **SOU5014**

The legislated public participation period for 30 days is **13 July – 14 August 2018**. Please find attached notification and supporting documents for the project.

Should you have any further comments or questions, please do not hesitate to contact us.

Kind regards,

Stakeholder Engagement Team

**Nokukhanya Khumalo**

Heritage Officer: Archaeology, Palaeontology & Meteorites Unit

South African Heritage Resources Agency  
*- A nation united through heritage -*

T: +27 21 462 4502/ 8654 | C: | F: +27 21 4624509  
E: [NKhumalo@sahra.org.za](mailto:NKhumalo@sahra.org.za) | 111 Harrington Street | Cape Town |

[www.sahra.org.za](http://www.sahra.org.za)



DIGBY WELLS ENVIRONMENTAL

ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED CONSTRUCTION OF A WATER TREATMENT PLANT AT THE KLIPSPRUIT COLLIERY NEAR OGIES, MPUMALANGA PROVINCE

DMR Reference No.: MP 30/5/1/2/2/125 MR
Digby Wells Reference No.: SOU5014

REGISTRATION AND COMMENT FORM
July 2018

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 registration and comment period will be from 13 July to 14 August 2018.

Nondumiso Gwala of Digby Wells Environmental:
Fax: (011) 069 6801, Telephone: (011) 789 9495, Postal Address: Private Bag X10046, Randburg, 2125
Email: sh@digbywells.com

Table with 4 columns: Question, Yes, No, and sub-columns for Yes/No (Email, SMS, Post, Fax).

Please indicate which sector you represent and also provide a name
Government Department
Municipality: Enatalaleni Local 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: Mr Erald John Nkabunde
Designation: Manager, Environmental Management & Compliance
Cellphone: 0725964904
Fax: 08669874680
Tel: 013-6906350
Email: nkabunde@enatalaleni.gov.za
Postal Address: Box 3, Enatalaleni 10350

Environmental Impact Assessment Regulations of 2014 (as amended in 2017) promulgated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), 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 Nondumiso Gwala, contact information provided above.

How do you think the project might impact (affect) you? In a positive and/or negative manner.
Ground and surface water pollution
Soil erosion
The municipality will assist a full report so that it can be in a position to give detailed comments
How can the negative impacts be managed, avoided and / or fixed AND the positive impacts enhanced?
The municipality will assist the full EIA report so as to provide detailed comments
If you are an adjacent landowner or occupier, what is your land currently being used for?

Are there any environmental, social or heritage features on the proposed project area we need to be aware of? – If so, where are these located?

none that is known of.

Do you think the project could impact (affect) infrastructure you might have or use regularly? (e.g. houses, buildings, roads, public spaces) - If so how can these impacts (affects) be managed, avoided or fixed?

Awaiting full report to enable the municipality to comment.

**General Comments**

A full report should be submitted to the Municipal offices, Civic Centre, Mandela Street, eMalahleni local Municipality, third floor, Spatial Planning block of offices.

If there are any other stakeholders we should include onto the stakeholder database for the proposed project, please provide their contact details.

Title, Full Name		Title, Full Name	
Organisation		Organisation	
Cellphone		Cellphone	
Email		Email	

Title, Full Name		Title, Full Name	
Organisation		Organisation	
Cellphone		Cellphone	
Email		Email	

Signature



Date

20/07/2018

**OUR REF: JOHAN SMUTS / NADIA HETZEL**

**YOUR REF: MRS NONDUMISO GWALA**

24 July 2018

**DIGBY WELLS ENVIRONMENTAL**

**BY E-MAIL: sh@digbywells.com**

Dear Mrs. Gwala,

**RE: ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE PROPOSED  
CONSTRUCTION OF A MODULAR WATER TREATMENT PLANT, MPUMALANGA**

**SOUTH 32 COAL HOLDINGS (PTY) LIMITED (SAEC) KLIPSPRUIT COLLIERY**

We refer to the abovementioned and confirm that we act on behalf of AFGRI Agri Services herein, who is an interested and affected party.

Kindly find attach hereto the registration and comment form signed by writer. Kindly forward all future correspondence to our offices.

We have received your correspondence today and we note that the draft scoping report was available for comment until 16 July 2018. Kindly provide us with an electronic copy of the draft scoping report to review and to comment as a matter of urgency.

We trust you find the above in order and await your reply.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Nadia Hetzel', written in a cursive style.

**BOSHOFF SMUTS INC.**

**NADIA HETZEL**



**ENVIRONMENTAL AUTHORISATION APPLICATION PROCESS FOR THE PROPOSED CONSTRUCTION OF A WATER TREATMENT PLANT AT THE KLIPSPRUIT COLLIERY NEAR OGIES, MPUMALANGA PROVINCE**

DMR Reference No.: MP 30/5/1/2/2/125 MR

Digby Wells Reference No.: SOU5014

**REGISTRATION AND COMMENT FORM**

**July 2018**

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 registration and comment period will be from **13 July to 14 August 2018**. Comments raised by stakeholders will assist in informed decision-making by authorities and provides information to be considered by the project team and specialists conducting the Environmental Impact Assessment process. Please register as an I&AP and provide comments by sending this form, or other written correspondence, to Mrs Nondumiso Gwala at the contact details provided below on or before 14 August 2018:

**Nondumiso Gwala** of Digby Wells Environmental:

**Fax:** (011) 069 6801, **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 <input checked="" type="checkbox"/>	SMS <input type="checkbox"/>	Post <input type="checkbox"/>

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

Government Department	
Municipality	
Community	
Non-Government Organisation	
Business	Afagri Agri Services

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

Landowner	Remaining extent of Portion 26 of the farm Klipfontein 3 IS
Land occupier	

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

Title, Full Name	Mrs. Nadia Hetzel & Mr. Johan Smuts				
Designation	Attorney				
Cellphone	012 39 97939	Fax		Tel	012 644 2661
Email	nadia@boshoffsmuts.co.za; johane@boshoffsmuts.co.za				
Postal Address					

Environmental Impact Assessment Regulations of 2014 (as amended in 2017) promulgated in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), 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 Nondumiso Gwala, contact information provided above.

How do you think the project might impact (affect) you? In a positive and/or negative manner.
How can the negative impacts be managed, avoided and / or fixed AND the positive impacts enhanced?
If you are an adjacent landowner or occupier, what is your land currently being used for?



## Thembinkosi Zulu

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**From:** Nokukhanya Khumalo <nkhumalo@sahra.org.za>  
**Sent:** Friday, July 13, 2018 1:57 PM  
**To:** Stakeholder Engagement  
**Subject:** RE: SOU5014:NOTIFICATION FOR AN ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE PROPOSED CONSTRUCTION OF A MODULAR WATER TREATMENT PLANT, MPUMALANGA

Good day

SAHRA has received notification via email, that this project is undergoing a NEMA application process. SAHRA notes this email, and our response is that SAHRA does not accept emailed applications for comments on development applications. If a case on SAHRIS has been created please include the SAHRIS case number in all communications with SAHRA. If there is no existing case, then a new case on SAHRIS needs to be created and all available documents and their appendices must be submitted to the case.

Kind Regards,

Nokukhanya Khumalo

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**From:** Stakeholder Engagement <sh@digbywells.com>  
**Sent:** 13 July 2018 12:16 PM  
**To:** Stakeholder Engagement <sh@digbywells.com>  
**Subject:** SOU5014:NOTIFICATION FOR AN ENVIRONMENTAL AUTHORISATION APPLICATION FOR THE PROPOSED CONSTRUCTION OF A MODULAR WATER TREATMENT PLANT, MPUMALANGA

Dear Stakeholders,

If you have received this email, you have been registered as an Interested and Affected Party for the Proposed Construction Of A Modular Water Treatment Plant for South32 SA Coal Holdings (Pty) Ltd (SAEC).

The Department of Mineral Resources reference is **MP 30/5/1/2/2/125 MR** and Digby Wells internal Project reference number is: **SOU5014**

The legislated public participation period for 30 days is **13 July – 14 August 2018**. Please find attached notification and supporting documents for the project.

Should you have any further comments or questions, please do not hesitate to contact us.

Kind regards,

**Stakeholder Engagement Team**

**Nokukhanya Khumalo**

**Heritage Officer: Archaeology, Palaeontology & Meteorites Unit**

South African Heritage Resources Agency  
*- A nation united through heritage -*

**T:** +27 21 462 4502/ 8654 | **C:** | **F:** +27 21 4624509  
**E:** NKhumalo@sahra.org.za | 111 Harrington Street | Cape Town |

[www.sahra.org.za](http://www.sahra.org.za)





DIGBY WELLS  
ENVIRONMENTAL

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## **Appendix 3.4: Comments and Response Report**

COMMENT RAISED	CONTRIBUTOR	Organisation/ community	DATE	METHOD	RESPONSE
<p>Good day</p> <p>SAHRA has received notification via email, that this project is undergoing a NEMA application process. SAHRA notes this email, and our response is that SAHRA does not accept emailed applications for comments on development applications. If a case on SAHRIS has been created please include the SAHRIS case number in all communications with SAHRA. If there is no existing case, then a new case on SAHRIS needs to be created and all available documents and their appendices must be submitted to the case.</p> <p>Kind Regards,</p>	Nokukhanya Khumalo	SAHRA	13-Jul-18	Email	<p>A case has been submitted with SAHRA on SAHRIS and the case number received is 12710. The Draft Scoping Report was submitted simultaneously with the application. Digby Wells has requested exemption from undertaking a Heritage Impact Assessment for this project scope as no new heritage sites were identified and the proposed Water Treatment Plant footprint is within a disturbed mining area.</p>
<p><b>How do you think the project might impact you</b> Ground and surface water pollution, soil erosion. The municipality will await a full report so that it can be in a position to give detailed comments</p> <p><b>How do you think the project might affect your socio-economic conditions</b> The municipality will await the full EIA report so as to provide detailed comments</p> <p><b>Are there any environmental, social, heritage features?</b> None that is known of</p> <p><b>Do you think the project could impact infrastructure you might have?</b> Awaiting a full report to enable the municipality to comment</p> <p><b>General Comments</b> A full report should be submitted to the Municipal Offices, Civic Centre, Mandela Street, EMalahleni Local Municipality, third floor, spatial planning block of offices</p>	Mr Erald John Nkabinde	Manager: Environmental Management and Compliance	20-Jul-18	Email	<p>Overall, the project is anticipated to have a positive impact as water of an improved quality will be released into the Saalklappspruit. The Groundwater Report which will be released with the Draft Environmental Impact Assessment (EIA) Report has found negligible negative potential impacts during the construction phase. No other impacts to groundwater are anticipated as a result of the Water Treatment Plant project. The Surface Water report similarly found that the overall impact of the project will be positive due to the improved quality of water being released into the Spruit. The 1:100 flood lines have been delineated to determine whether there will be a change in flood extent as a result of increasing the volume of water in the Saalklappspruit. The flood lines were modelled for two scenarios; pre-discharge and post discharge and the preliminary findings indicate the discharge volumes will not impact the extent of flooding. The Surface Water Impact Assessment Report will be provided with the Draft EIA Report. Due to the disturbed nature of the site, very few impacts have been anticipated for soils on site. A dissipation structure will be constructed at the discharge point to ensure the flow of water into the Saalklappspruit will be slowed to negate potential erosion along the banks of the Spruit.</p> <p>The Draft EIA Report will be made available for public comment once the Scoping Report has been accepted by the Department of Mineral Resources, and a copy will be provided to the Municipality.</p> <p>Thank you for your input.</p> <p>A copy of the Scoping Report was provided on a CD on 01 August 2018.</p>
<p>We refer to the above mentioned and confirm that we act on behalf of AFGRI Agri Services herein who is an interested and affected party.</p> <p>Please provide us with an electronic copy of the draft scoping report to review and to comment as a matter of urgency</p>	Nadia Hetzel	Boshoff Smuts Inc. Attorneys	24-Jul-18	Email	<p>Email was noted and request was sent via email.</p> <p>Copy of the report was provided 24 July 2018</p>

COMMENT RAISED	CONTRIBUTOR	Organisation/ community	DATE	METHOD	RESPONSE
We refer to the above mentioned and confirm that we act on behalf of AFGRI Agri Services herein who is an interested and affected party.					Noted. Thank you for your input.
We refer to the scoping report with DMR reference number MP30/5/1/2/2/125/MR					Noted.
The scoping report indicated that a total of 0.5ha will be disturbed with the abovementioned project. It is however not clear from your report where this plant will be built and where the area will be where the water will be pumped back into the Saalklapspruit.					The Water Treatment Plant (WTP) will occupy an area of approximately 1.5 ha. This area includes the plant as well as facilities for the storage and handling of chemicals used in the treatment process. The plant is proposed to be located within the Klipspruit Colliery along the south-eastern boundary of the operation. A 1.5km feedwater and return water pipeline will be constructed between the Balancing Dam and WTP which will be placed along the R555 road servitude. Once water is treated at the WTP it will be released into the Saalklapspruit via either of two clean water pipeline options (3.8 km and 3.7km in length). The discharge point and clean water pipelines are within the Klipspruit Colliery Mining Right Area. The discharge point is adjacent to the N12 Road. It is noted that a dissipation structure will be constructed at the discharge point to ensure that discharge will not significantly impact or increase the natural velocity of the stream. A project infrastructure plan is included in the reports that depicts the location of all infrastructure associated with the WTP Project.
Our client is the owner of the remaining extent of portion 26 of the farm Klipfontein					Noted. The WTP Project directly affects the the following farms: <ul style="list-style-type: none"> <li>• RE of Portion 4 of the Farm Oogiesfontein 4 IS</li> <li>• Portion 63 of the Farm Oogiesfontein 4 IS</li> <li>• Portion 2 of the Farm Prinshof 2 IS</li> <li>• Portion 14 of the Farm Prinshof 2 IS</li> <li>• RE of Portion 14 of the Farm Klipfontein 3 IS</li> <li>• RE of Portion 12 of the Farm Klipfontein 3 IS</li> <li>• Phola Plant No. 830-IS on the Farm Klipfontein 3 IS</li> </ul>
The scoping report only states that the proposed project will be in the mining right area next to the N12. Kindly indicate exactly how our clients property will be affected by this project with regards to the proposed pipelines, the water processing plant, the housing and the ambulation blocks.					The discharge point and dissipation structure are located on Portion 2 of the farm Prinshof 2 IS which is adjacent to the N12.  The WTP is located on RE of Portion 12 of the Farm Klipfontein 3 IS.  The clean water pipeline options traverse RE of Portion 12 of the Farm Klipfontein 3 IS, Portion 2 of the farm Prinshof 2 IS, Portion 14 of the Farm Prinshof 2 IS, RE of Portion 4 of the Farm Oogiesfontein 4 IS and Portion 63 of the Farm Oogiesfontein 4 IS.  The feedwater and return water pipelines traverse RE of Portion 12 of the Farm Klipfontein 3 IS and Portion 14 of the Farm Klipfontein 3 IS with the WTP located on Portion 12 of the Farm Klipfontein 3 IS.  No activities take place on Portion 26 of the Farm Klipfontein 3 IS and no impacts are anticipated on this farm. A Land Tenure Map depicting the properties where infrastructure will be placed is included in the report.
It is also indicated that a new power line and transformer will be erected. Kindly indicate if this will be on our clients property.					The powerline and transformer, together with ablution facilities will be established at the WTP site which is on the RE of Portion 12 of the Farm Klipspruit 3 IS.
The scoping report states the following:					

COMMENT RAISED	CONTRIBUTOR	Organisation/ community	DATE	METHOD	RESPONSE
<p>a. Key Impacts identified pertain to potential disturbance of wetland habitats as well as increased erosion resulting in potential siltation of watercourse and wetlands. Kindly confirm that these impacts will be properly addressed in the environmental impact assessment and rehabilitation programme;</p>	<p>Nadia Hetzel</p>	<p>Boshoff Smuts Inc. Attorneys</p>	<p>24-Aug-18</p>	<p>Email</p>	<p>The Environmental Impact Assessment (EIA) has been conducted inclusive of all specialist studies. Two wetlands were identified in proximity to the project, namely a channelled valley bottom wetland at the Saalklapspruit discharge pint and a hillslope seep wetland directly adjacent to the WTP area. Based on the Wetland Impact Assessment, site clearing for the establishment of infrastructure may result in soil erosion and consequently sedimentation of wetland and river systems. The significance rating for this impact has been determined as Moderately Negative. However, should the proposed mitigation measures be correctly implemented the significance rating is likely to reduce to Negligible Negative.</p> <p>A project-specific Rehabilitation Plan has been compiled and included in the EIA which provides specific rehabilitation measures associated with impacts to wetlands. The Wetland Impact Assessment also provides mitigation measures for the Construction, Operational, Decommission and Rehabilitation Phases of the project to avoid adverse impacts as far as possible.</p>
<p>b. The catchment is dominated by endangered grassland units comprised of two protected and five endemic expected species; and</p>					<p>The Flora and Fauna Impact Assessment Report identifies various endemic and protected species that could occur within the wider study area based on desktop literature and notes that the Eastern Highveld Grassland vegetation type is considered to be endangered nationally. However, the proposed WTP is proposed within the Klipspruit Colliery Mining Right Area and the majority of the proeject area is characterised as already disturbed land/rehabilitated areas which were previously mined of part of the Klipspruit Colliery operation. The study notes there is already partial degradation of habitat for animal life due to the current land use and no protected plant species were encountered in the project-specific area therefore all impacts relating to terrestrial biodiversity are expected to range from Minor Negative to Negligible Negative significance. It is hwever nted that areas of grassland that are not transformed or degraded in the wider project area could support some Species of Special Concern and these areas present conservation opportunity for the Klipspruit Colliery.</p>
<p>c. Due to the small stream size of the river, sensitivity of the river to changes in flow and water levels has also been classified as high.</p>					<p>As part of the Surface Water Impact Assessment conducted, floodline delineations of the Saalklapspruit were undertaken to assess the impacts associated with change in flow and water levels as a result of discharge into the spruit. The pre-discharge and post-discharge floodline scenarios were modelled and it was determined that there is very little difference between the two floodline scenarios as the amount of water (at the full capacity of 10 Ml/day) will not make a significant change on the flood inundation along the Saalklapspruit.</p> <p>It is however noted that the Surface Water as well as the Aquatic Ecology Impact Assessments identified that the discharge activity may lead to in alteration of natural hydrology, channel width and reduced bank stability (erosion) as a result of increased flow rates into the Saalklapspruit at the discharge point. This may consequently also result in the deterrence of aquatic biota with specific flow and habitat preference. The dissipation structure has been included to ensure that discharge is done in a manner that will not significantly impact or increase the natural velocity of the stream and other related impacts.</p>

COMMENT RAISED	CONTRIBUTOR	Organisation/ community	DATE	METHOD	RESPONSE
<p>Kindly confirm that the abovementioned will be properly addressed in the environmental impact assessment and the environmental authorisation application as well as the rehabilitation programme.</p>					<p>Since the Scoping Phase of the Project comprehensive specialist studies have been undertaken to determine the potential impacts (including all the impacts listed above) which may occur as a result of the proposed WTP Project. The most significant impacts identified are associated with site clearing which may result in soil erosion and subsequent sedimentation of watercourses. In addition, alterations of the natural hydrology and aquatic biota as a result of increased stream flows at the proposed discharge point into the Saalklapspruit. Mitigation measures have been proposed which, if correctly implemented, are likely to significantly reduce the significance of these impacts and/or their likelihood of occurrence. Furthermore, a project-specific rehabilitation plan has been developed to ensure no long-term impacts occur.</p> <p>It is further noted that positive impacts, namely improved water quality and increased water quantity of the Saalklapspruit stream as a result of the discharge of treated water have been identified. These have been deemed Major Positive impacts. The current water quality status recorded along the Saalklapspruit shows the system is negatively impacted and is considered to be of poor quality and contaminated. The project will result in the release of water that complies with the Wilge River Catchment RWQO which will dilute the already impacted water and hence improve the in-stream water quality. Discharging treated water will also increase catchment yields that will compensate for water diverted and contained for mining activities. More water will therefore be available within the catchment, benefiting the ecosystem and downstream water users.</p>
<p>The scoping report rates that the water will be tested before it is pumped into the Saalklapspruit. Kindly indicate who will be testing the water and how it will be tested.</p>					<p>The WTP technology will be capable of conducting a full spectrum analysis of the treated water on a weekly basis to ensure compliance with the Resource Water Quality Objectives (RWQO) and continuous online Electrical Conductivity and pH will also be recorded. A return water system will also be in place at the WTP where water that is detected to not meet the RWQO will be returned to the Balancing Dam via the return water pipeline and reprocessed.</p> <p>The WTP project will be incorporated into the established Surface Water Monitoring Programme, which includes monitoring upstream and downstream of the Saalklapspruit discharge point. Water quality and quantity will be monitored on a monthly basis. Water samples will be collected by South32 and subsequently sent to an accredited laboratory for analysis and reported on accordingly.</p>
<p>Kindly also provide our offices with the environmental authorisation application, environmental impact assessment and water use license application when these documents are available.</p>					<p>Noted. These will be provided accordingly.</p>
<p>Dear Mrs Gwala</p> <p>The Nkangala DM hereby acknowledging receipt of the copy of the application you sent Department of mineral resources and the department of water and sanitation on the EA application for the proposed construction of a modular Water Treatment plant in Ogies, EMalahleni local Municipality, Mpumalanga. The municipality therefore request to be kept abreast with the necessary processes as they unfold.</p> <p>Hope you will find this in order</p>	<p>Mr L Mahlaule</p>	<p>Nkangala District Municipality-Middleburg</p>	<p>17-Sep-18</p>	<p>Email</p>	<p>Good day,</p> <p>Receipt of your email is hereby acknowledged.</p> <p>Regards</p>

COMMENT RAISED	CONTRIBUTOR	Organisation/ community	DATE	METHOD	RESPONSE
Can you also send me the copy of the Draft Scoping report					The report was sent via email 18 September 2018
<p>Dear Sir,</p> <p>During the scoping report phase in April 2018 we requested information regarding where the plant will be build and where the area will be where the water will be pumped back into the Saalklapspruit. Afgri is the owner of the remaining extent of portion 26 of the farm Klipfontein. It was not clear from the scoping report how Afgri will be affected and therefore the information was requested. We also requested where the pipelines and housing will be. We requested that the impacts identified to potential disturbance of wetland habitats be properly addressed in the environmental impact assessment and rehabilitation programme.</p> <p>During April 2019 South 32 confirmed that Afgri will not be affected by this project. Kindly confirm if this is still the case.</p> <p>Kindly confirm that this is still the case.</p> <p>Kind Regards,</p>	Nadia Hetzel	Boshoff Smuts Inc. Attorneys	13-Nov-19	Email	<p>Responses to the comments received on 24 August 2018 were provided in the Comments and Responses Report (CRR) which was included in the Final Scoping Report. This report was made publicly accessible from 12 September 2018 on the Digby Wells website.</p> <p>Digby Wells can confirm that Portion 26 of the farm Klipspruit will not be directly affected by the proposed Water Treatment Plant Project. The following farms will be directly affected:</p> <ul style="list-style-type: none"> <li>• RE of Portion 4 of the Farm Oogiesfontein 4 IS</li> <li>• Portion 63 of the Farm Oogiesfontein 4 IS</li> <li>• Portion 2 of the Farm Prinshof 2 IS</li> <li>• Portion 14 of the Farm Prinshof 2 IS</li> <li>• RE of Portion 14 of the Farm Klipfontein 3 IS</li> <li>• RE of Portion 12 of the Farm Klipfontein 3 IS</li> <li>• Phola Plant No. 830-IS on the Farm Klipfontein 3 IS</li> </ul> <p>The pipelines will run within the active mining area of the mine. Please refer to the attached plan showing the pipeline from the Balancing Dam to the WTP (located next to the project offices within the mining fenced area) then from the WTP to the discharge point (along the eastern boundary of the mine).</p> <p>A Wetland Impact Assessment was undertaken for the project. Two wetland areas were delineated in proximity to the WTP Project, namely a channelled valley bottom wetland and at the Saalklapspruit discharge point and a hillslope seep wetland directly adjacent to the WTP area. Based on the Wetland Impact Assessment, site clearing for the establishment of infrastructure may result in soil erosion and consequently sedimentation of wetland and river systems. The significance rating for this impact has been determined as Moderately Negative. However, should the proposed mitigation measures be correctly implemented the significance rating is likely to reduce to Negligible Negative.</p> <p>Subsequently, and in consultation with the Department of Water and Sanitation, a Wetland Dissipation Structure Design Study was commissioned to further mitigate impacts which could result from the proposed discharge into the stream and associated wetland habitat. This is being considered as part of the Water Use Licence Application.</p>