



DIGBY WELLS
ENVIRONMENTAL



Environmental Management Programme for the Proposed Sasol Sigma Defunct Colliery Ash Backfilling Project

Public Participation Report

Project Number:

SAS5184

Prepared for:

Sasol Mining (Pty) Ltd

August 2018



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, www.digbywells.com

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



This document has been prepared by Digby Wells Environmental.

Report Type:	Public Participation Report
Project Name:	Basic Assessment Report and Environmental Management Programme Report for the Sasol Sigma Ash backfilling Project
Project Code:	SAS5184

Name	Responsibility	Signature	Date
Nondumiso Gwala	Compilation		August 2018
Claire Wannenburg	Report Reviewer		August 2018

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1 Introduction

Sasol Mining's Sigma Defunct Colliery now referred to as the Sigma Defunct Colliery occupies a mining area of approximately 11 643 ha. Mining activities at the Sigma Defunct Colliery was conducted under Mining Licences No. 1/2001 and 3/2001, granted by the Department of Mineral Resources (DMR).

Sigma Defunct Colliery commenced operations in 1952 with underground mining, holding mineral rights to several coal deposits in the Sasolburg district. Underground mining methods was the primary method of extracting these reserves and included mechanised board-and-pillar and rib pillar extraction and bottom coaling methods. Access to the underground operations was via several shafts, and the coal was then conveyed to a 'dry' coal handling plant at 3 Shaft where the coal was screened and fed to silos.

In 1992 the Wonderwater opencast mine was developed to extract coal from the north-eastern side of the reserves which occupied a mining area of approximately 385 ha. The Wonderwater opencast mine was mined utilising truck and shovel mechanisms. The mining ceased in 2005 after which the opencast mine was backfilled and rehabilitated. The final voids were left as part of the water management of the underground workings.

The Mohlolo Operations, situated adjacent to the Wonderwater opencast mine commenced with its activities in 1999 and occupied a mining area of approximately 264 ha. The underground operations were accessed from the Wonderwater opencast mines highwalls in the north and the south and divided the operations into Moholo North and Mohlolo South. The underground mining was scaled down and ceased by 2005, the underground mine workings were left to be flooded.

As a result of the underground mining activities which were undertaken at the Sigma Defunct Colliery, the potential for pillar failure has been identified which can lead to potential environmental impacts on surface. The identification of where pillar failure could occur has been identified through the compilation of a risk assessment report compiled by Sasol Mining and assisted by Jones and Wagener (J&W) in 2015 and updated in 2018. Pillar failure has been identified throughout the Sigma Defunct Colliery mining area with specific risk identified along the Rietspruit and the Leeuspruit. Mitigation measures have been proposed to reduce the risk of pillar failure which has been identified through a combination of underground mitigation measures and surface mitigation measures.

This Basic Assessment Report (BAR) specifically focuses on the environmental authorisation required for the implementation of underground mitigation measures. A separate Basic Assessment (BA) process will be undertaken to obtain the required authorisations for the surface mitigation measures.

1.1 Public Participation Process Objectives

The Public Participation Process (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 Public Participation Process

During the Public Participation Process, 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 basic assessment report and associated documentation was made available for public comment;
- Consultation with I&APs were undertaken;
- Suggestions and concerns were obtained from I&APs;
- The PPP Provides opportunities 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.

1.1.2 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.

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 **Error! Reference source not**

found. for further details). The various Public Participation media / materials used during the Basic Assessment phase have been included as Appendices in 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 two local newspapers, Vaalweekblad and Sasolburg. The advertisement included a brief project description, applicable legislation, competent authorities, details of the appointed Environmental Assessment Practitioner (EAP) and information about availability of the Basic Assessment Report for public comment;
- **Site Notices:** English site notices were put up at various places as indicated in **Error! Reference source not found.** 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 Basic Assessment Report for public comment;
- **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 Basic Assessment Report for public comment. A Registration and Comment Sheet was also provided for stakeholders to use for formal registration as I&APs or to submit comments;
- **Focus Group and One-on-one Discussions:** Due to various stakeholders and different landowners within the study area, focus group and one-on-one discussions were utilised during this process in order to obtain comments and to identify any issues raised by individuals.
 - Landowner one-on-one meetings: 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. A map was also used as part of the discussions to provide landowners with a reference to locality and recognisable landmarks. Key comments from attendees included, but isn't limited to the following:
 - Confirmation of project timelines and infrastructure locations;
 - Details of the pipeline routes and the construction of the pipelines;
 - Existing impacts on groundwater within the area; and
 - Existing impacts on water reservoirs and impacts on fauna and flora

- **Stakeholder Meeting:** A meeting was held with the directly affected Local Municipality of Metsimaholo in order to engage with the authorities on the project and re-introduce the scope of work. This meeting allowed us to understand key concerns and obtain further comments. Key comments from attendees included, but isn't limited to the following:
 - Existing dust and noise impacts to be reduced before commencement of this project;
 - Clarification around water usage for the purposes of this project;
 - Construction of boreholes in order to access groundwater; and
 - Jobs for the local community during construction and operation of the project.
- **Maps:** Various maps were on display throughout the proceedings of stakeholder meetings undertaken. These included regional locality, project footprint and proposed infrastructure; and
- **PowerPoint Presentation:** A PowerPoint presentation, together with various maps, were utilised as the foundation of discussions at all stakeholder meetings.

2.1.1 Consultation with Stakeholders

Comments raised by stakeholders have been captured in the Comment and Response Report (CRR) (see Appendix C7) and was closely considered and addressed by the project and specialist studies. Responses have been provided to stakeholder comments and included in the CRR throughout the PPP.

In **Error! Reference source not found.**, more details are provided on the PP activities undertaken during the Basic Assessment Phase, together with referencing materials appended.

Table 1 Public Participation Phase Activities

Activity	Details	Reference in Report
Identification of stakeholders	Stakeholder database which represents various sectors of society, including directly affected and adjacent landowners, in and around the proposed project area.	Appendix C1 Stakeholder database
Distribution of announcement letter and Background Information Letter (BIL)	BID, an announcement letter with a Registration and Comment Form was emailed to stakeholders on Friday, 16 July 2018 . An SMS was also sent to stakeholders on 16 July 2018 announcing the availability of the draft BAR.	Appendix C2 Background Information Document
Placement of a newspaper advertisement	An English advert was placed in the Vaalweekblad and Sasolburg on 11 July – 13 July and 10- 16 July 2018 respectively.	Appendix C3 Advertisement

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 Monday, 16 July 2018.</p> <p><i>A site notice placement map and report was also developed to indicate the various site notice locations</i></p>	Appendix C4 Site Notice
Announcement of Basic Assessment Report	<p>Announcement of availability of the Draft Basic Assessment Report was emailed and sms'es were sent to stakeholders together with the formal project announcement on Monday, 16 July 2018. Copies of the Basic Assessment Report was made available at:</p> <ul style="list-style-type: none"> ▪ Zamdela Public Library; and ▪ Sasolburg Public Library; and <p>The Basic Assessment Report was made available on www.digbywells.com (under Public Documents) and at the Public meeting.</p> <p><i>(30-day comment period for basic assessment report : 16 July 2018 until 15 August 2018)</i></p>	Appendix C5 Correspondence
Stakeholder Engagement one-on-one discussions and focus group meeting	<p>One-on-one discussions were held with directly affected landowners and stakeholders. The discussions took place during the legislated 30-day period comment. All comments recorded during the discussions have been placed into the Comments and Response Report.</p> <p><i>(23 July 2018 until 27 July 2018)</i></p>	Appendix C6 Stakeholder Consultation
Announcement of the Final Basic Assessment Report	<p>The Final Basic Assessment Report has been submitted to Department of Mineral Resources (DMR). A notification for availability of the Final Basic Assessment Report was emailed to all stakeholders on the database on 30 August 2018. The Final Basic Assessment Report has also been made available on www.digbywells.com under Public Documents.</p>	Appendix C5 Correspondence
Obtaining comments from stakeholders	<p>Comments, issues of concern and suggestions received from stakeholders are captured in the Comment and Response Report.</p>	Appendix C7 Comment and Response Report

3 Decision-making Phase

The DMR, as the 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.



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Appendix C1: Database

No(X)	Category	Department/organisation	Name and Last Name
1	National Government	National Department of Environmental Affairs (DEA) Director: Environmental Impact Evaluation	Mr Obed Baloyi
2	National Government	National Department of Environmental Affairs (DEA) Control Environmental Officer: Systems Management	Lucas Mahlangu
3	National Government	National Department of Environmental Affairs (DEA) Deputy Director general: Chemicals and Waste Management	Mr Mark Gordon
4	National Government	Provincial Authority: Free State Department of Economic Development, Tourism and Environmental Affairs (DETEA) - Environmental officer	Mr T Lekgari
5	National Government	Provincial Authority: Free State Department of Economic Development, Tourism and Environmental Affairs (DETEA)	Ms G Mkhosana
6	National Government	Provincial Authority: Free State Department of Economic Development, Tourism and Environmental Affairs (DETEA) - Environmental Officer : Production B	Ntswake Khomo
7	National Government	Department of Rural Development and Land Reform - Regional Land Claims Commissioner	L H Maphutha
8	National Government	Department of Water Affairs (DWA) - Regional Head: Upper vaal	Dr Paul Meulenbeld
9	National Government	Department of Water Affairs (DWA) - Assistant Director	Philemon Khwinana
10	National Government	Department of Minerals Resources - Assistant Director: Minerals Recording	Mr Tshepo Moloto
11	National Government	Department of Minerals Resources - Head of Environment	Mr Meshack Mudau
12	National Government	Department of Public Works - Director: Environmental Health Services	Ms Nonhlanhla Sgudu
13	National Government	Department of Health - Director	Mr Obed Modiko
14	National Government	South African Heritage Agency (SAHRA) - Heritage officer	Mr Andrew Salomon
15	National Government	Regional Land Claims Commissioner - Environmental Manager	Mr Mbulelo Kelly
16	National Government	Provincial Land Claims Commissioner - Communications Officer	Ms Matima Makarinte
17	National Government	Department of Agriculture - Free State - Environmental Health Manager	Ms Nelly Motshabi
18	Local Authority	Metsimaholo Local Municipality Municipal Manager	Mr Stephen Molala
19	Local Authority	Fezile Dabi District Municipality - Deputy Manager : Environmental Health Services	Mr Andre van Zyl

No(X)	Category	Department/organisation	Name and Last Name
20	Local Authority	Metsimaholo Local Municipality -IDP Manager	Mr Sello Mokoena
21	Local Authority	Metsimaholo Local Municipality -LED Maanger	Ms Reatile Ralepeli
22	Local Authority	Metsimaholo Local Municipality Environmental & Waste Manager	Mr Philimon Thile
23	Local Authority	Metsimaholo Local Municipality - Mayor	Mr Brutus Mahlaku
24	Local Authority	Sigma Colliery Ward Councilor	Mr Thabo Mabasa
25	Health	Sasolburg Clinic - Primary Health Manager	Malatse Virginia
26	Health	Zamdela Clinic - General Manager	Olivia Letsholo
27	Farmers Association	Free State Agricultural Union - Operations Manager	Dr Jack Armour
28	Directly Affected Landowner	Prontuitbeleggings 11 (Pty) Ltd	Mr Cap Weilbach
29	Directly Affected Landowner	Sasol Townships (Pty) Ltd	Mr Johan van Rooyen
30	Directly Affected Landowner	Tharina No 2 Trust	Manager
31	Directly Affected Landowner	Lewies Trust	Manager
32	Directly Affected Landowner	Knoetze Family Trust	Manager
33	Directly Affected Landowner	D J Strydom Trust	Mr D J Strydom
34	Directly Affected Landowner	Brakkuil Trust	Mr Dirk Strydom
35	Directly Affected Landowner	A M Rossouw Eiendomme (Pty) Ltd	Mr A M Rossouw
36	Directly Affected Landowner	Alfresco Trust	Mr Kerneels Rossouw
37	Directly Affected Landowner	Interferon	Mr Kerneels Rossouw
38	Directly Affected Landowner	Fezile Dabi District Municipality	Mr Chakane Sibaya
39	Directly Affected Landowner	Alicedale Farm No 301, Protion R	Mr F W Strydom
40	Directly Affected Landowner	Sasol Chemical Industries (Pty) Ltd	Mr A S Potgieter
41	Directly Affected Landowner	Sasol Mining	Mr A S Potgieter
42	Directly Affected Landowner	Sasol Mining (Pty) Ltd	Mr A S Potgieter
43	Directly Affected Landowner	LPJ Besigheidsdienste	Mr L P J Barnard
44	Directly Affected Landowner		Mrs J E de Jager
45	Directly Affected Landowner	Beginsel Boerdery Trust	Mr Lucas Erasmus
46	Directly Affected Landowner	Kruidfontein 67 Farm	Mr R S Cronje
47	Directly Affected Landowner	Die Pan 225 and Dnkoerhoek 323 Farms	Ms Tarina Terblanche
48	Directly Affected Landowner	Saltberry Plain 2 R & 1, Saltberry Plain R & 1 137	Mr Allan Peeters
49	Directly Affected Landowner	Wonderwater 180 (Bothma & Son Transport)	Mr Jaco Burger
50	Directly Affected Landowner	Gysbert 1161, Gyserberthoek 315 R & 2	Edwin Classen
51	Farmer Owner	BOSCHBANK No.12	CA JORDAAN
52	Farmer Owner	DIE PAN No. 225	THARINA NO 2 TRUST THARINA
53	Farmer Owner	KRUIDFONTEIN 67	LPJ BESIGHEIDSDIENSTE LOUIS BARNARD

No(X)	Category	Department/organisation	Name and Last Name
54	Farmer Owner	ROSEBERRY PLAIN 250	METSIMAHOLO LOCAL MUNICIPALITY GERRIT STEENKAMP
55	Farmer Owner	BOSCHBANK No.12	JAN ROSSOUW TRUST (Cerneels Rossouw)
56	Farmer Owner	BERSHEBA 1	GEORGE ATKINSON TRUST
57	Farmer Owner	GOEDEHOOP 272	AHS BELEGGINGS PTY LTD
58	Farmer Owner	WONDERFONTEIN 350	HANNELIE DE JAGER / Org Muller 083 701 1232
59	Industry and commerce	Eskom Park (Eskom Holdings)	Ms Saba Puseletso - Senior Advisor
60	Industry and commerce	Chamber of Commerce	Mr Konziwe - Free State Representative
61	Environmental NGO's	WESSA and Birdlife Africa Free State Province Representative	Mr John Wesson
62	Environmental NGO's	World Wildlife Fund SA (WWF)	Louise Naude
63	Environmental NGO's	World Wildlife Fund SA (WWF)	Colleen van Schalkwyk
64	Environmental NGO's	Vaal Rivier Forum	
65	Environmental NGO's	Endangered wildlife Trust (EWT)	Reynette Coetzee
66	Environmental NGO's	Birdlife Africa	Charmaine Uys
67	Environmental NGO's	Federation of Sustainable Environment (FSE)	Ms Mariette Liefferink
68	Environmental NGO's	Federation of Sustainable Environment (FSE)	Mr Koos Pretorious
69	Library	Sasolburg Public library	Ms Estelle Woers
70	Library	Zamdela Library	Ms Selloane Mohapi
71	Registered I&APs	Metsimaholo Local Municipality	Lindiwe Tshongwe
72	Registered I&APs	Metsimaholo Local Municipality	Dineo Nyaku
73	Registered I&APs	Metsimaholo Local Municipality	Fikile Mosokweni
74	Registered I&APs	Metsimaholo Local Municipality	Masheleni Tshiterele
75	Registered I&APs	Metsimaholo Local Municipality	Frandi van Rooyen
76	Registered I&APs	Metsimaholo Local Municipality	Philip Sibani
77	Registered I&APs	Sasol Mining	Solly Tshili
78	Registered I&APs	Sasol Mining	Solly Mayinga
79	Registered I&APs	Daughters of the late George Atkinson	Tracy Naude
80	Registered I&APs	Daughters of the late George Atkinson	Merry Slim
81	Registered I&APs	Representative for Tharina Boerdery	D Crous
82	Registered I&APs	Home occupier at Beginsel Farm (Daughter of Lukas Erasmus)	Suzanne van Dyk



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Appendix C 1: Background Information Document



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Background Information Document for:

Environmental Regulatory Process for Proposed Ash Backfilling at Sasol Mining Sigma Colliery Near Sasolburg, Free State Province



Project Number:

SAS5184

Prepared for:

Sasol Mining (Pty) Ltd

For any project related information contact:

Digby Wells Environmental – Stakeholder Engagement Office

Ms Nondumiso Gwala

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

Email: sh@digbywells.com

Website: www.digbywells.com under Public Documents

July 2018

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 11 789 9498, info@digbywells.com, www.digbywells.com

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



PURPOSE OF THIS DOCUMENT

The purpose of this document is to provide all interested and affected parties (I&APs) with information relevant to the Environmental Regulatory process for Ash Backfilling at Mining Sigma Colliery near Sasolburg, Free State Province.

This document aims to:

- Provide a description of the proposed Project;
- Provide an overview of the environmental regulatory processes which will be undertaken;
- Provide details of the Public Participation Process 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 FOR MORE INFORMATION PLEASE USE THE FOLLOWING CONTACT INFORMATION

Ms. Nondumiso Gwala

Digby Wells Environmental

PO Box 10046, Randburg, 2125

Tel: (011) 789 9495

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

Email: nondumiso.gwala@digbywells.com

Website: www.digbywells.com

BACKGROUND INFORMATION

Sasol's Sigma Colliery commenced operations in 1952 and holds mineral rights to coal deposits in the Sasolburg district.

Underground mining was the primary method of extracting these reserves including board-and-pillar and rib pillar methods. Access to the underground operations was via the Uitkomst shaft and coal was brought to the surface at the Boshbank incline shaft and then conveyed to a 'dry' coal handling plant at 3 Shaft where the coal was screened and fed to silos. In 1992, the Wonderwater strip mining was developed to extract coal from the north-eastern side of the reserves and the underground mining was scaled down and ceased by 1999.

As a result of the underground mining activity, subsidence of the surface was identified as a major risk. An Assessment Report on Surface Areas of Old Sigma Workings (Potential Failure Report) was compiled in 2012. Jones & Wagener (J&W) was appointed by Sasol Mining to carry out a Closure Risk Assessment for Sigma Colliery which was completed in early 2018. This involved the identification of closure risks based on the probability of failure and the resultant impact that could occur. Mitigation measures have been proposed to reduce these major latent risks. Ash backfilling is considered to be one of the mitigation measures to be implemented to assist in the stabilisation of the underground workings to prevent surface instability.



PROJECT DESCRIPTION

The proposed project is aimed at backfilling additional high risk mine voids with ash from the Sasol Chemical Industries. The project will be undertaken in order to stabilise old underground mine workings which are considered to have a high potential risk for land subsidence, as determined in the Assessment on Surface Areas of Old Sigma Workings Report. The ash backfilling process will use several pipelines located above-ground to transport the ash slurry (comprising 20% fine ash and 80% water) from the Sasol Ash pump station at Sasol Chemical Industries, to the mined out voids.

Return water pipelines (already in place) will be used to dewater the voids before backfilling starts to prevent decant as a result of hydrostatic pressure. The water that will be pumped out will be sent for treatment at a planned Sasol Group water treatment plant (authorisation for this plant is not part of this project). Sasol have approximately 10 million cubic meters (Mm³) of ash to use for backfilling and stabilising the surface.

The pipelines transporting slurry will run above ground on Sasol owned properties and within existing servitudes where possible. Existing culverts and crossings will be used. New agreements will be entered into with land owners should the pipeline need to cross over land not owned by Sasol.

PROJECT LOCATION

The ash backfilling project falls under the jurisdiction of the Metsimaholo Local Municipality (MLM), situated in the Fezile Dabi District Municipality (FDDM) in Free State, and is located close to Sasolburg (Plan 1 below)

ENVIRONMENTAL AUTHORISATIONS

Sasol Sigma under went three separate processes in the beginning of 2013 to obtain the following authorisations for this project:

- Environmental Authorisation (EA) in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA) for listed activities associated with the Ash Backfilling Project received in 2014;
- Waste Management Licence (WML) in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) (NEMWA) for the Ash Backfilling Project received in 2017; and
- Integrated Water Use Licence (IWUL) in terms of the National Water Act, 1998 (Act No. 36 of 1998) (NWA) received in 2017.

Digby Wells Environmental (Digby Wells) was appointed as an independent Environmental Assessment Practitioner (EAP) by Sasol Mining on behalf of Sasol Sigma Colliery to apply for these required authorisations. As per Condition 1.5 of the EA, Sasol Mining had three years to commence with the Ash Backfilling Project and unfortunately due to the WML and WUL not being granted the EA lapsed in April 2017.



Therefore Sasol is now required to re-submit a new basic assessment application in terms of the National Environmental Management Act, Act 107 of 1998 (NEMA) to the Department of Mineral resources (DMR) (now the competent authority) as per the one environmental system to obtain the required environmental authorisation.

Specialist studies were completed in 2013 – 2014 the information contained in the reports may be outdated and therefore specialist studies will be updated with more relevant information and will be compiled in accordance with the relevant Regulations and Guidelines and will conform to Appendix 6 of GN R 982: Result of these studies will be made available to all stakeholders for their comments.

PUBLIC PARTICIPATION PROCESS

Stakeholders affected or interested in the proposed project are invited to register as an Interested and Affected Party (I&AP) in order to become involved in the Public Participation (PP) Processes.

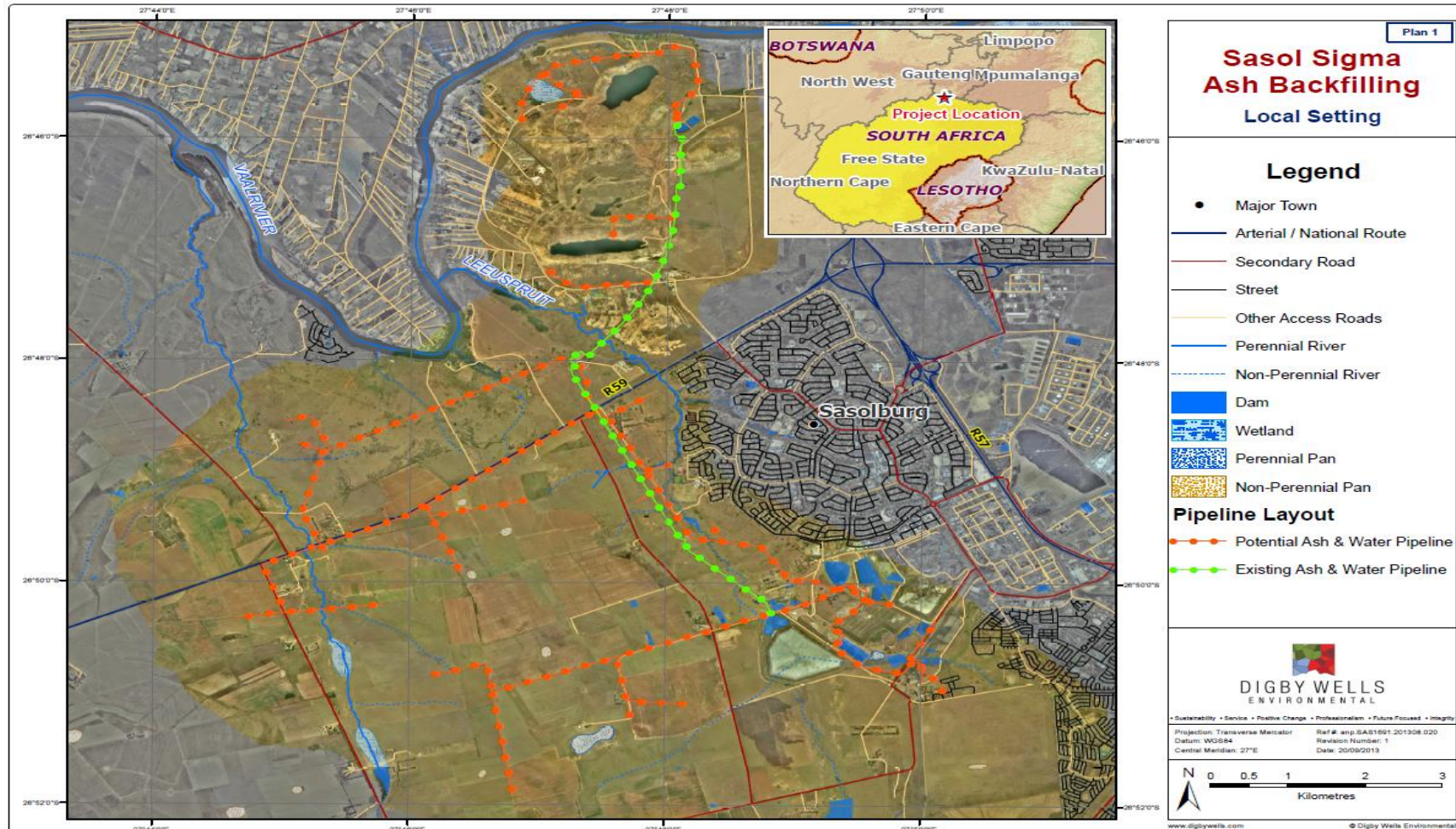
Registered I&APs will be informed about availability of reports via their preferred means of communication (SMS, email, post or fax). Contributions from stakeholders will assist in informed decision-making for authorities and provides information to be considered by the project team and specialists conducting studies. All comments can be submitted using the contact details which appear on the cover page or as part of the Comment and Registration Sheet.

The Draft Basic Assessment Report will be available for public comment from **Monday 16 July 2018 to Wednesday 15 August 2018** at the following places

Person	Location	Contact
Printed Copies		
Ms Selloane Mohapi	Zamdela Public Library 3246 Zamdela Community Centre	016 974 2163
Patience Kuno	Sasolburg Public Library 9 Brebner Street	016 973 8464
Electronic Copies		
Nondumiso Gwala	www.digbywells.com under Public Documents), sh@digbywells.com or phone and request CD copy	(011) 789 9495

Comments on the Draft Basic Assessment Report can be submitted through any of the following means tabulated below. Please include the Project Code as a reference (**SAS5184**):

Method of Communication	Contact Information
Completing Registration and Comment Form	Attached hereto as Appendix A
Write to Digby Wells	Private Bag X10046, Randburg, Johannesburg, 2125
Email	sh@digbywells.com
Phone	011 789 9495
Fax	011 068 6801



Plan 1: Sigma Ash Backfilling Local Setting



Appendix C 2: Advert

ENVIRONMENTAL REGULATORY PROCESS FOR PROPOSED ASH BACKFILLING AT SASOL MINING'S SIGMA COLLIERY NEAR SASOLBURG, FREE STATE PROVINCE

Sasol Mining (Pty) (Ltd.) (Sasol Mining) Sigma Colliery commenced operations in 1952 holding mineral rights to coal deposits in the Sasolburg district. Underground mining methods were the primary method of extracting these reserves including bord-and-pillar and rib -pillar methods. Sigma Colliery is situated near Sasolburg, within the Metsimaholo Local Municipality (MLM) which is situated in the Fezile Dabi District Municipality (FDDM).

As a result of the underground mining activity, the potential for pillar failure has been identified, which can lead to potential environmental impacts on surface. The proposed Sasol Sigma Ash Backfilling Project is aimed at backfilling mine voids where areas of high risk have been identified, with ash from the ash supplier. The Project will be undertaken in order to stabilise old underground mine workings which are considered to have a high potential failure risk. The ash backfilling process will use several pipelines located above ground to transport the ash slurry to the mine voids. Return water pipelines (the main one already in place) will be used to dewater the voids, concurrent to backfilling to prevent decant as a result of hydrostatic pressure.

The pipelines transporting slurry will run above ground on Sasol owned properties and within existing servitudes where possible. Existing culverts and crossings will be used. New agreements will be entered into with land owners should the pipeline need to cross over land not owned by Sasol.

Sasol Sigma under went three separate processes in the beginning of 2013 to obtain the following authorisations for this project:

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Digby Wells Environmental (Digby Wells) has been appointed by Sasol Mining (Pty) Ltd to undertake the required environmental authorisation process and to facilitate the Public Participation Process (PPP). The PPP for this project will ensure sharing of project information and gathering of comments raised by Interested and Affected Parties (I&APs). All I&APs have been invited to participate in this process.

REGISTRATION AS AN INTERESTED AND/OR AFFECTED PARTY

Should you wish to be registered as an I&AP, to obtain additional information or comment on the proposed project, please use the contact details below:



Digby Wells Environmental

Nondumiso Gwala

Tel: 011 789 9495, Fax: 011 069 6801

sh@digbywells.com

Postal Address: Private Bag X 10046, Randburg, 2125



Project No.: SAS5184

Enjoy an amazing wine tasting experience

The annual *Vaal River Meander Wine Route* is in full swing and everyone who already visited it can't stop raving about it. They definitely recommend it if you have not been part of it yet. The Wine Route started on June 24 and will end on August 4, so there is still time to visit any of the participating venues and have an awesome experience.

All participating venues were there on the day to give you a preview of the wines they will be featuring during the wine route. The venues that are part of this experience are Dros Vanderbijlpark (016) 932 4888, Liquid Lounge (016) 982 3411, Liquor City (016) 932 2158, Lord's Signature Hotel (016) 423 5453, Makro Vaal 0860 303 999, Merchant Business Class Hotel (016) 366 7878, Model Bottle Store (016) 363 1128, Pukka Indian Cuisine (016) 982 1346, Rapid Dawn 079 528 3858, Riverside Sun Hotel (016) 982 7300, Rossi's Bar 082 900 4528, Shakespeare Inn (016) 933 4821, Stonehaven on Vaal (016) 982 2951/2, The Shack 082 443 260 and Waterfront Country Lodge (016) 987 3434. Look forward to spending a Saturday or Sunday at one of these venues that will make sure you have an awesome six weeks of great fun. The wine route is a great treat to beat the winter blues with a host of unique venues to visit, each offering wine tastings of at least 8 wines with some venues offering up to 16 wines to taste. It is a relaxed and pleasant, well-priced outing where one can learn to appreciate the wonderful wines South Africa boasts - all in a welcoming environment. Perfect for wine connoisseurs, but also for new visitors who are not familiar with all the different wines available. There is no ticket purchase for wine tasting during the Vaal Meander Wine Route. You pay for your wine tasting at each venue you visit. A wine route passport with information participating venues, wine farms, special offers and maps will be available at each venue. Wine Tasting costs are R20 for 8 wines, R30 for 12 wines and R40 for 16 wines. The different venues where you can enjoy all these tastings are so diverse and offer contrasting experiences as do their wines, with the single common thread of each presentation being great South African wines. You might select a venue where you can enjoy eloquently sipping wine at a classy hotel, relax in a cigar lounge, warm up in front of a roaring fireplace in a cozy pub, or enjoy wine in a quirky pub that oozes fun and character, sitting in a wine cellar or enjoy savoring wine as you cruise aboard a luxurious cruiser down Millionaire's Mile, or why not experience wine tasting at sunset on a boathouse overlooking the Vaal. These options are all available to you.

For more information make contact on info@vaalwineroute.co.za or connect on social media and get the latest updates on competitions, give-aways and promotions



For the latest breaking news, job opportunities and much more, visit www.sedibengster.com or www.vaalweekblad.com

ENVIRONMENTAL REGULATORY PROCESS FOR PROPOSED ASH BACKFILLING AT SASOL MINING'S SIGMA COLLIERY NEAR SASOLBURG, FREE STATE PROVINCE

Sasol Mining (Pty) (Ltd.) (Sasol Mining) Sigma Colliery commenced operations in 1952 holding mineral rights to coal deposits in the Sasolburg district. Underground mining methods were the primary method of extracting these reserves including bord-and-pillar and rib-pillar methods. Sigma Colliery is situated near Sasolburg, within the Metsimaholo Local Municipality (MLM) which is situated in the Fezile Dabi District Municipality (FDDM).

As a result of the underground mining activity, the potential for pillar failure has been identified, which can lead to potential environmental impacts on surface. The proposed Sasol Sigma Ash Backfilling Project is aimed at backfilling mine voids where areas of high risk have been identified, with ash from the ash supplier. The Project will be undertaken in order to stabilise old underground mine workings which are considered to have a high potential failure risk. The ash backfilling process will use several pipelines located above ground to transport the ash slurry to the mine voids. Return water pipelines (the main one already in place) will be used to dewater the voids, concurrent to backfilling to prevent decant as a result of hydrostatic pressure.

The pipelines transporting slurry will run above ground on Sasol owned properties and within existing servitudes where possible. Existing culverts and crossings will be used. New agreements will be entered into with land owners should the pipeline need to cross over land not owned by Sasol.

Sasol Sigma underwent three separate processes in the beginning of 2013 to obtain the following authorisations for this project:

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- Waste Management Licence (WML) in terms of the National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) (NEMWA) for the Ash Backfilling Project received in 2017; and
- Integrated Water Use Licence (IWUL) in terms of the National Water Act, 1998 (Act No. 36 of 1998) (NWA) received in 2017.

Digby Wells Environmental (Digby Wells) was appointed as an independent Environmental Assessment Practitioner (EAP) by Sasol Mining on behalf of Sasol Sigma Colliery to apply for these required authorisations. As per Condition 1.5 of the EA, Sasol Mining had three years to commence with the Ash Backfilling Project and unfortunately due to the WML and WUL not being granted the EA lapsed in April 2017. Therefore Sasol is now required to re-submit a new basic assessment application to the Department of Mineral Resources (DMR) (now the competent authority) as per the one environmental system to obtain the required environmental authorisation.

Digby Wells Environmental (Digby Wells) has been appointed by Sasol Mining (Pty) Ltd to undertake the required environmental authorisation process and to facilitate the Public Participation Process (PPP). The PPP for this project will ensure sharing of project information and gathering of comments raised by Interested and Affected Parties (I&APs). All I&APs have been invited to participate in this process.

Registration as an interested and/or affected party:

Should you wish to be registered as an I&AP, to obtain additional information or comment on the proposed project, please use the contact details below:

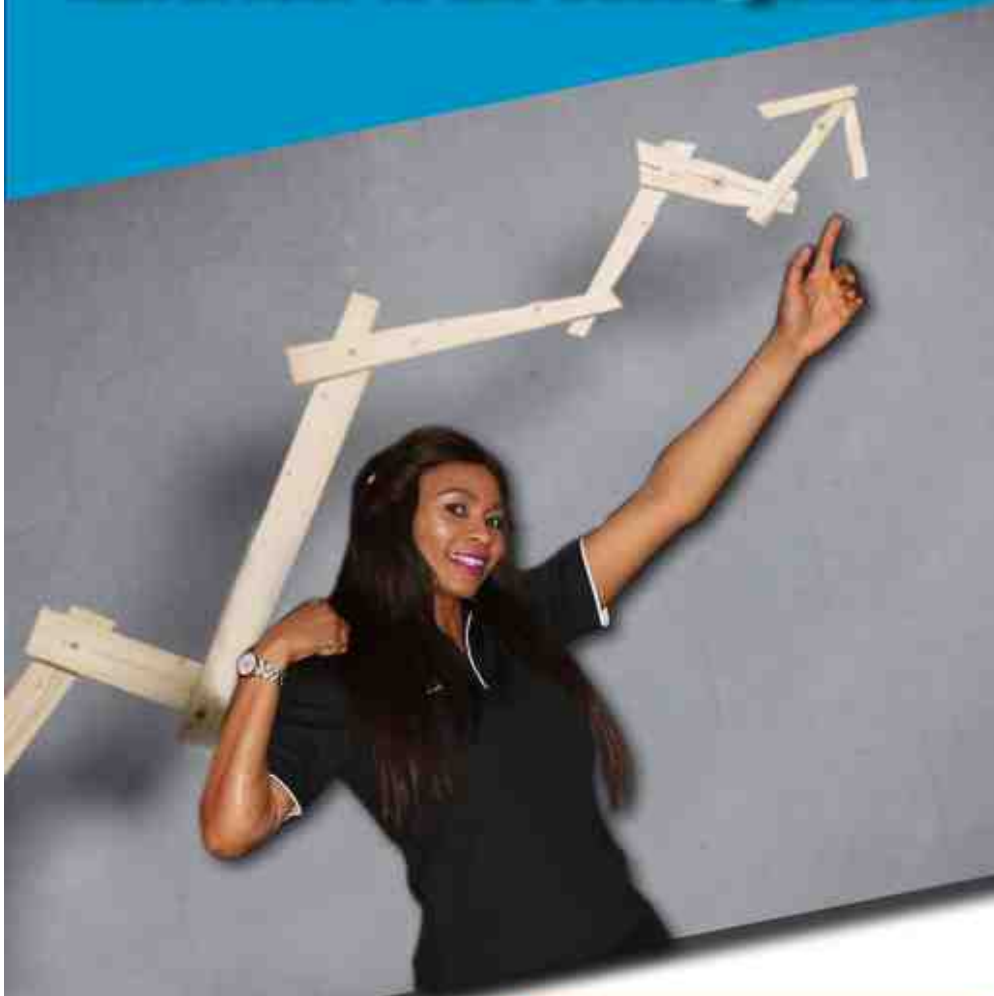
Digby Wells Environmental

Nondumiso Gwala
Tel: 011 789 9495. Fax: 011 069 6801.
sh@digbywells.com
Postal Address: Private Bag X 10046,
Randburg, 2125.



Project No.: SAS5184

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STER

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Danté Chan Christian Community Centre celebrates six years

Alwyn Wilken

VANDEBIJLPARK. - Danté Chan Christian Community Centre celebrated its 6th birthday on 1 July.

The centre was opened on 1 July 2012 by Captain Alwyn Wilken, a Police Officer for the past 30 years and stationed at Vanderbijlpark SA Police Service.

The centre was opened after he received a calling from God to go into a hotspot crime area called "old Porra Valley" where drug and liquor abuse, prostitution and poverty was thriving, and to provide help by feeding the hungry, clothing the poor and giving shelter to the homeless.

He started by leasing a small shop and opened a soup kitchen and clothing bank.

On 31 July 2012, Danté Chan a 13 year old boy and the neighbour of Capt. Wilken was brutally murdered in his home. The centre was named in honour of him.

Since 2012 the centre grew to such an extent that the small shop was not suitable anymore and they moved to a bigger space.

The following services are provided:

Soup kitchen: (Mondays to Fridays 08:00 till 12:00) providing up to 400 meals to the poor and homeless.

Clothing Bank: (Fridays 08:00 till 10:00) providing clothes, linen, and household goods to the needy.

Pearly Ladies Support: (Tuesdays / Thursdays 16:30 - 19:00).

Support and counselling for individuals and parents that struggle with children addicted to drugs, liquor and bullying. Referring and placing of addicted adults and children into rehabilitation centres, Church Services in Afrikaans, English and French. Sunday school, youth gatherings and ladies prayer meetings.

Management of the centre would like to take this opportunity to thank the following businesses and organisations for their continued support over the years:

IFM Radio Station; New Vaal Media; Thusong Projects and Helplift Vaal. The Following Churches: Kompas; The Anglican Church, Deo Credo, The Baptist church and

One Way Community Church. NPO's: Help for all outreaches, Sanca Vanderbijlpark, Child welfare and the Rotaries. DM Rental Services. Schools: Suiderlig, Emfuleni Primary school. Businesses: Sunrise Butchery, Little Egypt, Dial a Pawnshop, Scrap it, NW 7 Voer en Graan, Tugela Hardware, Totally Emotions Gift Shop and all private individuals. "These businesses and private sectors have ensured that the doors remain open and that we can provide a hot meal and clothing to the poor and assist the children addicted to substance abuse."

"Our vision is to expand services to offer two meals a day, more support to street children addicted to drugs, and to open a night shelter, where the homeless can receive a hot meal, shower and a bed for the freezing nights. To accomplish this we are in need of bigger premises, even if it is an old building that is situated in or around the civic centre of Vanderbijlpark that needs to be fixed up."

Companies and individuals are invited to visit the centre to experience first-hand what they to and how poverty is taking its toll on people.

The centre is constantly in need of none perishable foods and good clean second hand clothing for both male, females, children and babies in all sizes; Blankets, toiletries and beds. A DVD player, tumble dryer and washing machine.

In addition to this they are desperately in need of a carpenter to fix their kitchen cabinet doors, painting of the clothing bank and dining hall.



The Dante Chan Christian Community Centre.



The Danté Chan Centre soup kitchen.

To rent the current space, pay for electricity and the salaries of three fulltime employees cost R5 000 p/m and R700 per individual to detox before they can be admitted into a rehabilitation centre.

If anyone can assist or would like to make a financial contribution to the centre, bank de-

tails are as follows:

Standard Bank: Vanderbijlpark; Savings account; Account no: 027982998; Branch code: 4737.

For more information phone Alwyn Wilken at 074 1716503, or Pearly Ladies: Louise Claassen at 083 659 6200.

Nie in Berninistraat nie, asseblief!



Inwoners van Berninistraat, Vanderbijlpark, sê sommige van hulle moes die afgelope tyd tydelik by familie of vriende intrek, want hulle kan die stank weens die verstopte rioolstelsel in hul straat nie langer hanteer nie. Verskeie inwoners se dreine is verstopt en rioolwater loop straat-af en deur sommige erwe. Om alles te kroon het lede van die publiek, vermoedelik van ander gebiede, nou begin om hul huis- en tuinvullis in die oop veld in Berninistraat af te laai. "Asseblief, help ons! Ons verstik in die stank en wil nie langer in die gemors vaskyk nie. Moet asseblief nie bydra tot die gemors in ons straat nie," smeek inwoners van dié straat. Soortgelyke probleme word ook in GH Franzstraat en Jan Cilliersstraat ervaar. Sommige inwoners berig dat hulle gereeld sien hoe kinders en troeteldiere in die rioolwater in die strate speel. "Dit is uiters onhygiënies en gaan ons almal siek maak," kla 'n inwoner. Vaalweekblad het die riool- en vullisstorting by die Emfuleni Plaaslike Munisipaliteit laat lys as een van verskeie soortgelyke plekke in die gebied wat dringende aandag vereis.

ENVIRONMENTAL REGULATORY PROCESS FOR PROPOSED ASH BACKFILLING AT SASOL MINING'S SIGMA COLLIERY NEAR SASOLBURG, FREE STATE PROVINCE

Sasol Mining (Pty) (Ltd.) (Sasol Mining) Sigma Colliery commenced operations in 1952 holding mineral rights to coal deposits in the Sasolburg district. Underground mining methods were the primary method of extracting these reserves including bord-and-pillar and rib-pillar methods. Sigma Colliery is situated near Sasolburg, within the Metsimaholo Local Municipality (MLM) which is situated in the Fezile Dabi District Municipality (FDDM).

As a result of the underground mining activity, the potential for pillar failure has been identified, which can lead to potential environmental impacts on surface. The proposed Sasol Sigma Ash Backfilling Project is aimed at backfilling mine voids where areas of high risk have been identified, with ash from the ash supplier. The Project will be undertaken in order to stabilise old underground mine workings which are considered to have a high potential failure risk. The ash backfilling process will use several pipelines located above ground to transport the ash slurry to the mine voids. Return water pipelines (the main one already in place) will be used to dewater the voids, concurrent to backfilling to prevent decant as a result of hydrostatic pressure.

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Nondumiso Gwala
Tel: 011 789 9495. Fax: 011 069 6801.
sh@digbywells.com
Postal Address: Private Bag X 10046,
Randburg, 2125.

Project No.: SAS5184





Appendix C 3: Site Notice

ENVIRONMENTAL REGULATORY PROCESS FOR PROPOSED ASH BACKFILLING AT SASOL MINING'S SIGMA COLLIERY NEAR SASOLBURG, FREE STATE PROVINCE

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REGISTRATION AS AN INTERESTED AND/OR AFFECTED PARTY

Should you wish to be registered as an I&AP, to obtain additional information or comment on the proposed project, please use the contact details below:



Digby Wells Environmental

Nondumiso Gwala

Tel: 011 789 9495, Fax: 011 069 6801

sh@digbywells.com

Postal Address: Private Bag X 10046, Randburg, 2125



Project No.: SAS5184



DIGBY WELLS

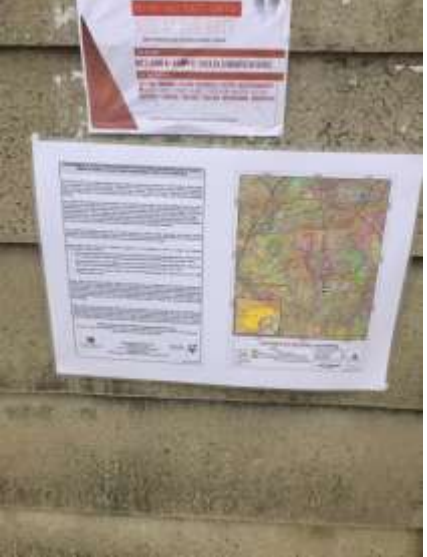

ENVIRONMENTAL

Sasol Mining (Pty) (Ltd.)


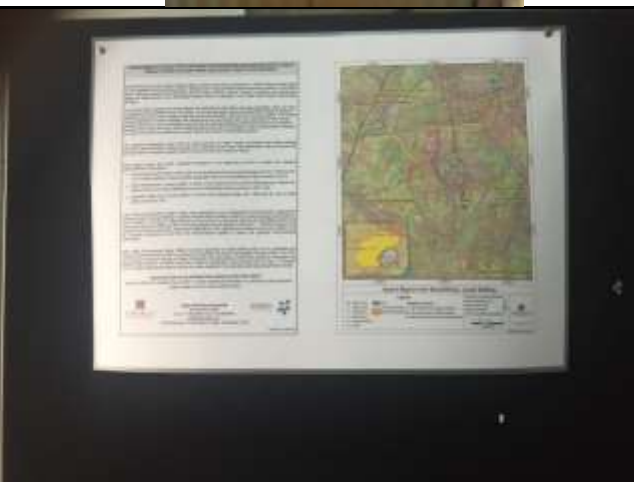
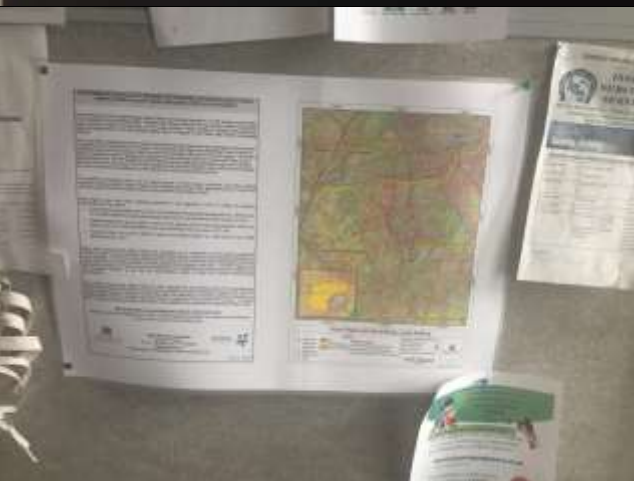
**ENVIRONMENTAL REGULATORY PROCESS FOR PROPOSED ASH BACKFILLING
AT SASOL SIGMA COLLIERY NEAR SASOLBURG, FREE STATE PROVINCE**

SITE NOTICES

SITE NOTICES PLACED AT PUBLIC PLACES ON MONDAY, 16 JULY 2018

Public Place	Coordinates / Location	Photo
(001)-At the OK Grocer shop entrance Site Notice against palisade	26° 49' 11"S 27° 50' 18" E	
(002)-Spar Supermarket Site Notice against the shop	26° 50' 4"S 27° 50' 34" E	

<p>(003)-Zamdela Service Station</p> <p>Site Notice against fence of the Zamdela petrol station</p>	<p>26° 51' 35.69"S 27° 51' 8.49" E</p>	
<p>(004)- Along the Road (Klasie Havenga)</p> <p>Site Notice across the Sasol Infrachem – Ash Heap Area</p>	<p>26° 49' 50.70"S 27° 49' 10.31" E</p>	
<p>(005)- Shell garage in Sasolburg entrance</p> <p>Site Notice against electrical box at the garage</p>	<p>26° 47' 52.00"S 27° 48' 32.19" E</p>	

<p>(006)-Within the Vaalpark Community</p> <p>Site Notice against entrance to the hardware shop close to the taxi rank</p>	<p>26° 45' 48"S 27° 50' 46" E</p>	
<p>(007)-Sasolburg Public Library</p> <p>Site Notice against Notice Board of library</p>	<p>26° 48' 45.72"S 27° 49' 10.94" E</p>	
<p>(008)-Zamdela Public Library</p> <p>Site Notice against Notice Board of library</p>	<p>26° 50' 30.46"S 27° 50' 47.02" E</p>	



Appendix C 5: Correspondence



DIGBY WELLS ENVIRONMENTAL

16 July 2018

SAS5184

ENVIRONMENTAL REGULATORY PROCESS FOR PROPOSED ASH BACKFILLING AT SASOL SIGMA COLLIERY NEAR SASOLBURG, FREE STATE PROVINCE

Dear Stakeholder,

Sasol Mining (Pty) (Ltd.) (Sasol Mining) Sigma Colliery commenced operations in 1952 holding mineral rights to coal deposits in the Sasolburg district. Underground mining methods were the primary method of extracting these reserves including bord-and-pillar and rib -pillar methods. Sigma Colliery is situated near Sasolburg, within the Metsimaholo Local Municipality (MLM) which is situated in the Fezile Dabi District Municipality (FDDM).

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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, www.digbywells.com

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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Therefore Sasol is now required to re-submit a new basic assessment application to the Department of Mineral resources (DMR) (now the competent authority) as per the one environmental system to obtain the required environmental authorisation.

This letter serves to inform you, as a potential Interested and Affected Party (I&AP) of the proposed project and associated application process. As part of the Environmental Process, a Public Participation Process (PPP) must be undertaken in terms of Regulation 40 to 44 of the Environmental Impact Assessment (EIA) Regulations of 2014 (as amended), and the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA).

The PPP involves notifying stakeholders of the proposed project and providing stakeholders with sufficient information about the proposed project to enable effective stakeholder engagement. Stakeholders affected by, or who are interested in the proposed project, are invited to register as an I&AP.

Please complete and return the attached Registration and Comment Form to Digby Wells to register as an I&AP, or contact us via any of the contact details provided in this letter, to indicate your interest in receiving further information regarding the environmental authorisation process or to submit comments.

Regards,



Nondumiso Gwala

Assistant Stakeholder Engagement Consultant



DIGBY WELLS
ENVIRONMENTAL

29 August 2018

Digby Wells Internal Reference: SAS5184

**ENVIRONMENTAL REGULATORY PROCESS FOR PROPOSED ASH BACKFILLING
AT SASOL SIGMA COLLIERY NEAR SASOLBURG, FREE STATE PROVINCE**

FS 6/2/2 (693) EM

Dear Stakeholder,

Digby Wells would like to thank all stakeholders who have provided comments as part of the environmental regulatory process for the proposed ash backfilling project for Sasol Sigma Mine. This notice serves to inform you of the availability of the Final Basic Assessment Report for public comment. The Final Basic Assessment with Comment and Response Report (CRR) for the proposed project will be made available on the Digby Wells website (www.digbywells.com) under Public Documents.

Should you wish to comment on the report, comment can be forwarded direct to the government official responsible. Also please copy Digby Wells Environmental in your correspondence using the contact details provided.

Reference: FS 6/2/2 (693) EM

Attention: Mr Shawn Janneker

Department of Mineral Resources: Mineral Regulation

Physical Address: The Strip Building, 314 C/O Stateway & Bok Street, Welkom, 9459

Postal Address: Private Bag X33, Welkom, 9460

Tel: 057 391 1305

Fax: 051 357 6003

Email: Shawn.Janneker@dmr.gov.za

Please also copy comments, questions or concerns that you may have about the proposed project, to Digby Wells Environmental on fax number: (011) 069 6801; email: sh@digbywells.com or postal address: Private Bag X10046, Randburg, 2125. You are also welcome to contact us telephonically on (011) 789-9495.

Regards,

Nondumiso Gwala

Assistant Stakeholder Engagement Consultant



DIGBY WELLS
ENVIRONMENTAL

Appendix C 6: Stakeholder Consultation

Dear Solly,

The following has been proposed for focus group meetings:

Name and Surname	Farm Portion	Email	Proposed day to visit	Time	Until	Mon	Tue	Wed	Thur	Fri
August Weilbach	1. KRUIDFONTEIN	august@waterplan.co.za	Tues - 24/07/18	09:30	10:30					
Lukas Erasmus	1. TWEELINGFONTEIN 2. GOUVERNEUR'S KRAAL No. 333 3. WELTEVREDEN No. 182	need an email address - we have a cellphone number	Wed - 25/07/18	09:30	10:30					
Dirk Strydom	1. ZAAIPLAATS No. 203 2. BRAKKUIL No. 401 3. Clifton	djsboerdery@gmail.com	Wed - 25/07/18	11:00	12:00					
Cerneels Rossouw	1. THE STAR 387 2. BOSCHBANK No.12 3. ALFRESCO No. 202	crossouw@mweb.co.za	Wed - 25/07/18	12:30	13:30					
Louis Barnard	1. KRUIDFONTEIN 67	lpj@absamail.co.za	Tues - 24/07/18	11:00	12:00					
Roberts Knoetze	1. ZWANENBERG 450 2. ROSEBERRY PLAIN 250	need an email address - we have a cellphone number	Mon - 23/07/18	09:30	10:30					
Tharina Terblanche	1. DIE PAN No. 225	tharina.t@webmail.co.za	Mon - 23/07/18	11:00	12:00					
Hester Erasmus	same as no 5									
Suzane van Dyk	database has them as land occupier but no info on them on the database	need an email address - we have a cellphone number								
Jaco Burger	Wonderwater 180 (Bothma & Son Transport)	need an email address - we have a cellphone number	Thur - 26/07/2018	10:00	11:00					
E Weilbach		need an email address - we have a cellphone number	Tues - 24/07/18	12:30	13:30					
George Atkinson	BERSHEBA 1	need an email address - we have a cellphone number	Thur - 26/07/2018	12:00	13:00					
Allan Peeters	SALTBERRY PLAIN	need an email address - we have a cellphone number	Mon - 23/07/18	12:30	13:30					
Phillimon Khunioia	Governmental Officials		Fri - 27/07/18	Proposed time 09:00 but after consultation we will finalise with the governmental officials						
Lesiba Mabone										
Gerhard Steenkamp										
G Masheleni										
Johan Labuschagne										
S.M Molawa										
G Masheleni										
Wilhelm Human										

Colour coding is above

Please kindly suggest any other times or input to the schedule.

Regards,

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke extending to the right.



DIGBY WELLS ENVIRONMENTAL

ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

Metsimaholo Local Municipality

27 July 2018



DATE: 27 10~~8~~ / 2018 VENUE: Floor 7th Motshwanelo U.M.
SUBJECT: Meeting with Municipality PRESENTER: N.G.

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
LINDIWE TSHONGWE	MLM	079 511 9377	executiuemayor@metshwanelo.gov.za	
Dineo Nyabu	MLM	060 386 6541	dineo.nyabu@metshwanelo.gov.za	
FIRILE MOSOKWENI	MLM	083 717 5612	Firile.Mosokweni@metshwanelo.gov.za	
MASHALENI	MLM	016 973 8897	esthleenekere@metshwanelo.gov.za	
STEPHEN MOLAADI	MLM	016 973 8845	stephen.molaadi@metshwanelo.gov.za	
Firdi van Rooz	F.M.R.S	016 973 8810	vanrooyen@metshwanelo.gov.za	
SOLLY TSHILI	SASOL MINING	071 600 3437 017 614 8013	Solly.tshili@sasol.com	
Solomon Masinga	Sasol Mining	071 678 4996	Solly.mayinga@sasol.com	
Nondumiso Gweha	Digby Wells	079 458 0862	shedigbywells.com	
PHILLIP SIBANDI	IAP/PMS/MLM	073 783 4718	phillip.sibandi@metshwanelo.gov.za	



COMMENTS REGISTER

One-on-one Discussions LANDOWNERS AND STAKEHOLDERS SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 27/05/2015 VENUE: Matshimato Local Municipality 7th floor
 TIME: 9h00 SCRIBE: Ndumini G

COMMENTATOR	COMMENT	RESPONSE
Mayor	- thank you for the meeting Lindlwe Shorge - executive manager Dined - PR counil - head of corporate - team planning technical services IDP Action	
	where is the pipeline where is the area going to be in terms of purpose is to close it completely focus to be on Signum	SMT
LS	boreholes - scarce water resources - minimal impact - what does that	

COMMENTATOR	COMMENT	RESPONSE
	<p>Mean? highly polluted.</p> <p>- noise manageable - Sigma next to the location - dust how you going to manage it - health hazard to the people</p> <p>- water utilised for this project - is coming from local.</p>	
	<p>- construction of boreholes - supplement of new boreholes</p> <p>- future boreholes</p>	
	<p>- using water from underground to supplement</p>	<p>ST - some of the areas there were boreholes where there is an area of a borehole - consider old boreholes</p> <p>ST - no new boreholes</p>
	<p>Bullet 2 - landowners who have their own borehole they may have a need to drill - new borehole to be drilled by landowner - when you need to drill, the construct a new borehole - not in the mine.</p>	<p>closure certificates - a lot of noise - show them how to get this.</p> <p>specifies to do their work.</p>
Vain -	<p>Serving as a guide to the drilling of the borehole</p>	
Major - PPP	<p>what exactly happened -</p>	

COMMENTATOR	COMMENT	RESPONSE
	<p>content of the water licence -- gives directions to water sources they will use</p> <p>- might there be a need to have further inputs in it</p> <p>- quantity of H₂O used</p>	
Mages	<p>labour forces required on this project</p> <p>IDP will coordinate and provide comments.</p>	
-	<p>commitment made by Susi in Zambia the dust is a big problem - H₂O to Residing close to Sigma - up to the taxi rank - just season as it August something was done and it stopped.</p>	<p>SM - former complaint and take up Ward Councilor - to assist with this</p>
	<p>closed - 10h20</p>	

COMMENTATOR	COMMENT	RESPONSE



U verwysing / Your reference:
Ons verwysing / Our reference: Dok 4054

04 June 2018

S. Bothma and Son Transport (Pty) Ltd.
Wonderfontein road
Sasolburg

For attention: Ms. Allie Harmse, Operations Logistics Manager

Water sampling results – month May 2018

This report gives data regarding the dam's sampled on 16 May 2018

Six samples were taken at the indicated spots and analysis was done at DD Science laboratories in Randfontein. The results are tabled below:



NatureBound (Edms) Bpk / (Pty) Ltd

Posbus 6200, Greenhills, 1767

Telefoon

Mobiel

Registrasie nommer

BTW registrasie nommer

Vergoedingskommissaris reg.

Elektroniese posbus

Webwerf

Ken die Skepper deur die skepping

011 412-1888

082 653-3197 / 082 322-3335

2004/024742/07

4260 204 872

2720-126-2200

info@naturebound.co.za

www.naturebound.co.za

PO Box 6200, Greenhills, 1767

Telephone

Mobile

Registration number

VAT registration number

Compensation Commissioner reg.

Electronic mailbox

Website

Know the Creator through the creation



Discharge water

SB 61	Store tank borehole
-------	---------------------

Sample ID	Units	SB 61
pH	@25°C	8.0
Conductivity	mS/m @25°C	45
Faecal Coliform	cfu/100ml	0
Suspended Solids	mg/l	<10
Chlorine	mg/l	<0.1
Ammonia	mg/l N	0.8
Total Cyanide	mg/l CN	<0.5
Flouride	mg/l	0.2
Nitrate	mg/l N	0.6
Orthophosphate	mg/l P	<0.08
Arsenic	ug/l	20
Cadmium	ug/l	0.03
Nickel	ug/l	3.9
Copper	ug/l	1.0
Total Chromium	ug/l	0.5
Iron	ug/l	3.2
Lead	ug/l	0.03
Mercury	ug/l	1.3
Manganese	ug/l	0.1
Selenium	ug/l	0.6
Zinc	ug/l	0.6
Boron	ug/l	206



Aquatic Health (applicable to surface water resources)

SB 62	Dam 1
SB 63	Fountain
SB 64	Sump
SB 65	Spruit
SB 66	Dam 4
	Dam 2 - Dry
	Dam 3 - Dry

Sample ID	Units	SB 62	SB 63	SB 64	SB 65	SB 66
pH	@25°C	8.3	7.5	8.1	7.8	7.8
Conductivity	mS/m @25°C	97	32	108	100	34
Total Dissolved Solids	mg/l @ 180°C	623	248	749	673	244
Temperature		14	13	13	13	14
Chlorine	mg/l	<0.1	<0.1	0.2	0.5	0.1
Dissolved Oxygen	mg/l	5.4	5.6	5.4	5.3	5.7
Ammonia	mg/l N	0.9	0.7	1.0	8.8	0.8
Total Cyanide	mg/l CN	<0.5	<0.5	<0.5	<0.5	<0.5
Flouride	mg/l	0.4	0.2	0.4	0.3	<0.08
Nitrate	mg/l N	0.7	1.1	10	11	0.6
Nitrite	mg/l N	<0.02	<0.02	0.2	1.1	<0.02
Inorganic Nitrogen	mg/l	0.7	1.1	10.20	12.1	0.6
Orthophosphate	mg/l P	<0.08	<0.08	0.2	0.7	<0.08
Aluminium	ug/l	41	9.4	17	5.2	7.1
Arsenic	ug/l	0.7	1.4	1.3	1.6	0.9
Copper	ug/l	2.9	1.5	2.3	3.1	1.9
Total Chromium	ug/l	0.4	0.3	0.3	0.3	0.2
Iron	mg/l	14	152	14	15	3.1
Lead	ug/l	0.08	0.13	0.05	0.03	0.03
Mercury	mg/l	0.6	0.8	0.6	1.2	0.7
Manganese	ug/l	0.5	1.3	1.0	0.8	0.2
Selenium	ug/l	<0.001	1.2	1.6	2.2	<0.001
Zinc	ug/l	7.2	4.5	3.4	7.2	3.1

Conclusion and recommendation

These values should be reported to the relevant authorities as part of your water licence agreement.

Kind regards

Francois Graaff



DIGBY WELLS ENVIRONMENTAL

ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

ZWANENBERG 450

27 July 2018 – 12h00 pm

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, www.digbywells.com

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

*Non-Executive



DATE: 27-07-2018

VENUE: VANDER (BERSHEBA)

SUBJECT: Sisol Ash Backfilling

PRESENTER: Nondumiso Gwala

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
TRACY NAUDE	LAND OWNER	083 442 1824	tracy@justfly.co.za	
MERRY SIM	LAND OWNER	082 381 1903	merrysim37@gmail.com	
POLLY TSHILI	SHELL MINING	0716003427	solly.tshili@sasol.com	
Nondumiso Gwala	Digby Wells	017899495	sh@digbywells.com	

COMMENTS REGISTER



DIGBY WELLS
ENVIRONMENTAL

One-on-one Discussions LANDOWNERS AND STAKEHOLDERS SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 27/07/2018 VENUE: Vanderbijlpark - Wimpy
 TIME: 8h00 SCRIBE: Nondumiso Gwala

COMMENTATOR	COMMENT	RESPONSE
(Mary) Sister of Tracy	Old heritage house - to save the structures there Tracy and Ingrid	
Water-	Water resources - drinking H ₂ O is good enough - good H ₂ O	
Ash -	like to see the concern for the survey to get back there. Is there a body to test this once a month - to test - to test the survey - toxic chemicals - independent Body → Start sleeping the all the birds die - ecosystems	

COMMENTATOR	COMMENT	RESPONSE
Tracy Naude →	<p>How long will it take to remove the Niu Sassi pay the water should it be contaminated poisoning of the property fences that come down Gated community here - Sims. Boomed Gates - - The way they do it - how and when.</p>	
Tracy →	<p>invasion of privacy is the big thing old mother which is a problem here - when will it stop, when will it end - to know when they will be vulnerable - Robert Thuleker - Interior Dabur → to see the good positioning of when it be → far less problem</p>	
	<p>Western spectators - going on the golf - along the road - left of the road right side of the road - integrity of the land</p>	



DIGBY WELLS ENVIRONMENTAL

ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

Die Pan/Donkerhoek

25 July 2018 – 14h00 pm



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, www.digbywells.com

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

*Non-Executive



DATE: 26/07/2018 VENUE: Forum (Die Pan)
 SUBJECT: One-on-one discussion PRESENTER: NG

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
D Crous (Therina Boercker)	Digby	0717700970	dgcrous@gmail.com	
Nonkuliso Gwasa	Digby	0117899495	sh@digby.wells.com	
Solly Tshili	Sasol	0716003427	Solly.tshili@sasol.com	



COMMENTS REGISTER

One-on-one Discussions LANDOWNERS AND STAKEHOLDERS SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 26/07/2018 VENUE: Wanderfontein
 TIME: 11h00 SCRIBE: NG

COMMENTATOR	COMMENT	RESPONSE
Mr Dou	why do you want on my land - no cross with Sasol on the shaft going on - Potgieter - sell the farms from our side we doing our best Die Pan - mined but there was not Dornhoek = peim it was there	
-	Subsidence - Dornhoek - they want to buy us out - now, but this year they don't want to pump	
-	only the butt of the forks - it want happen out our.	
-	fed one at the bottom - Die Pan P4 because he is farming on there	

COMMENTATOR	COMMENT	RESPONSE
	<p>Sent the letter Feb to say they want pay because there is no permit. Subsistence happening - on a certain area. Jiban Buttha - Thus was here. / Wed. 12 Jul Doorndag.</p>	
Thamma	<p>- not on my land. Nil- Are Pan</p>	
mnr	<p>making permit - contractor was not in place there is work there I want to do on the farm This land is nice (good/beautiful) - Oupa Jounca of Thamma - on one lane. - Die Pan lands Thamma would sell it off. - there was haulages in the land there.</p>	
	<p>Map - water there is a lot of it there - ground water at the area where there is a part there is H2O there.</p>	<p>SM - there problem to be solved.</p>



DIGBY WELLS ENVIRONMENTAL

ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

The Star, Alfresco

25 July 2018 – 10h00 am

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, www.digbywells.com

Directors: GE Truster (C.E.O), GB Beringer, LF Koeslag, J Leaver (Chairman)*, NA Mehlomakulu*, DJ Otto, RA Williams*

*Non-Executive



DATE: 25-07-2018

VENUE: ALFRESCO FARM

SUBJECT:

PRESENTER:

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
C. J. ROSSOW	AMM.	0825576561	CROSSOW@MMS.CO.	
Solomon Wayanga SOLY TSHILI	SMRD SOUTH MINING	0716784994 0716003427	Solomonwayanga@Sasol.com Soly.tshili@sasol.com	
N. Gnada	Digby	017899495	Sh@digbywells.com	



COMMENTS REGISTER

One-on-one Discussions LANDOWNERS AND STAKEHOLDERS SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 25/07/2018 VENUE: Home (Alfresco Farm)
 TIME: 11:00 SCRIBE: N.G.

COMMENTATOR	COMMENT	RESPONSE
SM	<ul style="list-style-type: none"> → Ashback filling project WUL + EA didn't get a water use licence 	- Didn't get this
CJ. Rossouw	<ul style="list-style-type: none"> - where is the ash coming from - where is the water coming from - the ash water come. - Luke's spring water - the ash is gravel and has problems. 	
	<ul style="list-style-type: none"> - how will the filling occur - when will you begin - on the map. 	SM - where the pipeline runs
	<ul style="list-style-type: none"> - how long will it take. - read the paper - 	WUL SM - consult with the landowners.
MMR	Compensation should happen	

COMMENTATOR	COMMENT	RESPONSE
Walter	<p>water that you will do.</p> <p>funny issues that he built. - over flooding</p> <p>- Alfresco - something that he built. - over flooding</p> <p>doesn't bring the water. - Make a plan - specific to</p>	
SM	<p>water</p> <p>plug and sit so there are no problems on the floor.</p> <p>- the project began we will be in consultation</p> <p>with the partners</p>	
MNR	<p>- when you start messing the H2O its a</p> <p>problem.</p>	
SM	<p>- the water that is providing is it good enough</p> <p>Piet</p>	<p>MNR - there is nothing - they say thank you</p> <p>very much.</p> <p>- you need to provide help</p>
SM	<p>- what kind of water is that?</p>	<p>shut and open up it up with the top open</p> <p>three</p> <p>MNR - I don't know what kind of water - to say goodly</p> <p>and drink you</p>
SM	<p>Elk said nie.</p>	<p>possible</p> <p>what have you done</p> <p>MNR - write it down - possible water - say it to</p> <p>Louis - because he works for you -</p> <p>the water's good well.</p> <p>here its full what can be done.</p> <p>ONE thing that you say see it</p>

COMMENTATOR	COMMENT	RESPONSE
MNR	- bring the paper for me to read - you need to do it right and listen	ST - we will
MNC	Public meeting we are told to speak Eng church and political meeting to speak Eng. Respect bring usen to speak the language - whig - PNE representative to speak Africans	

COMMENTATOR	COMMENT	RESPONSE



DIGBY WELLS ENVIRONMENTAL

ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

Wonderwater 180

24 July 2018 – 14h00 pm

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, www.digbywells.com

Directors: GE Truster (C.E.O), GB Beringer, LF Koeslag, J Leaver (Chairman)*, NA Mhlonmakulu*, DJ Otto, RA Williams*

*Non-Executive



DATE: 24/07/2018

VENUE: S. Bothma & Son Transport Office

SUBJECT: One-on-one discussions

PRESENTER: W. Gwasa

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
JACO BEEGER	Bothma Trans	0836801153	bothma@bothmas.co.za	
Solly Tshili	Sasol Mining	0716003427	Solly.tshili@sasol.com	
Nondumiso Gwasa	Digbywells	0117849445	sh@digbywells.com	
Solomon Mayogq	Sasol Mining	0716784994	Sollymayogq@sasol.com	



COMMENTS REGISTER

One-on-one Discussions
 LANDOWNERS AND STAKEHOLDERS
 SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 24/07/2018 VENUE: Office Sons & Bethe
 TIME: 14h00 SCRIBE: N.G.

COMMENTATOR	COMMENT	RESPONSE
	<ul style="list-style-type: none"> → Mercury levels in the H2O → Vocal area is contaminated → Commercial area - P12 - sawo 1 contract not to mine the area for ten yrs now then able to mine again - must affect Bueshbea P12 to the mine the area - independent of the project. 	
	<p>okay with the project to go ahead Botha and Sons</p>	



DIGBY WELLS
ENVIRONMENTAL

ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

ZAAIPLAATS No. 203; BRAKKUIL No. 401

24 July 2018 – 11h00 am

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, www.digbywells.com

Directors: GE Truster (C.E.O), GB Beringer, LF Koeslag, J Leaver (Chairman)*, NA Mehlomakulu*, DJ Otto, RA Williams*

*Non-Executive



DATE: 24/08/2018 VENUE: Farm (Brakkuil)
 SUBJECT: One-on-one discussion PRESENTER: N.G.

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
Piët van Wyk	MINE CBSURE	0834682473	Piët.vanWyk@Sasol.com	<i>[Signature]</i>
Dirk Strydom	Land Owner	082 805 6985	dirksstrydom@parys.co.za	<i>[Signature]</i>
Solomon Mayaga	SMBD	0716794094	Sollymayaga@sasol.com	<i>[Signature]</i>
Solly TSHILI	SASOL MINING	0716003407	Sollytshili@sasol.com	<i>[Signature]</i>
N. Aneta	Digby	0117899495	she@digbywells.com	<i>[Signature]</i>



COMMENTS REGISTER

One-on-one Discussions LANDOWNERS AND STAKEHOLDERS SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 24/07/2018 VENUE: Farm Hous. (Zaaiplaats & Brakkevl) TIME: 11h00am SCRIBE: Narduniso Gwala.

COMMENTATOR	COMMENT	RESPONSE
Mr Snydam → Zaaiplaats → wasn't aware of this - don't think its necessary for this	- why there - pipelines	
Subsidence pics - → didn't speak about it	Witfont - 300m - 200m	
→ ground stability being	- ash filling is not a stability	
→ infrastructure → holes that will build		
	Knefontein proposed areas on the pipelines	



DIGBY WELLS ENVIRONMENTAL

ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

TWEELINGFONTEIN; GOUVERNEUR'S KRAAL No. 333; WELTEVREDEN No. 182

24 July 2018 – 09h30 am



DATE: 24/08/2018

VENUE:

Beginisel fom.

SUBJECT: Sasol Ash Back

PRESENTER:

N.G

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
Suzanne van Dyk	Home Occupier	072 370 9394	sgvandyk@gmail.com	
LUKAS ERASMUS	Landowner	0836288097	hestererasmus@nashuisp.co.za	
Solomon Maginga	SMRP	0716784994	Sollymaginga@esasa.com	
Souy Tshiki	SASOL MINING	0716003427	Souy.tshiki@sasol.com	
Nondumiso Gwala	Digby	0117899495	shedigbywells.com	



COMMENTS REGISTER

One-on-one Discussions LANDOWNERS AND STAKEHOLDERS SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 24/07/2018 VENUE: Begunsel farm
 TIME: 09h30 SCRIBE: Ndun: G

COMMENTATOR	COMMENT	RESPONSE
Mr Lukas Grawius	<ul style="list-style-type: none"> Ash back filling - contamination of groundwater - supply ing water from local Municipality - marked the water away - water table - contaminated Hao on backfilling previously - contaminating the groundwater again. - tests are being gated conducted - fresh water. - borehole - submersible pump - ash from the high way - sediment - ceased the pump 3 weeks later it happened again - not true that the water doesn't 	
--	<ul style="list-style-type: none"> MIP - results of the ash testing ash back filling isn't a question of the DEA of - mine of them getting to mine dump 	

COMMENTATOR	COMMENT	RESPONSE
Mr	<p>The closing of the decommissioning - why the concern of ash backfilling - recondition of the tail pond - primarily - why is the motivation now</p> <p>- ash back filling contaminates the water processes running concurrently - destroying it</p>	<p>SNT - Africans</p>
-	<p>ST - are you happy with the water you receiving with</p>	
Van Dyk	<p>Suzanne - would like to be use their own water</p>	<p>SN - to revert back to groundwater - which is why we are busy with the process and checking the</p>
Ms	<p>- infrastructure for providing water - wasn't a long term - water leaks is a problem - lots of water leaks - lots of water leaks which you can't find - underground water is going anywhere</p>	
	<p>Grasslands - grasslands (live) - first-hand</p>	
Mr	<p>- there is a risk in this process. ash had existing pillars - pressure of the ash - cause subsidence - impacts of pillars - concern is putting some of the issue with cause subsidence</p>	



DIGBY WELLS ENVIRONMENTAL

ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

SALTBERRY PLAIN

23 July 2018 – 14h00pm

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, www.digbywells.com

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

*Non-Executive



DATE: 23/07/2018 VENUE: Home on Sautberry Plain
 SUBJECT: Sasol Ash Back Filling PRESENTER: N.G

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
ALAN PEETERS	LANDOWNER	083 468 2471		
Solomon Mayunga	SMRD	071 671 4994	Sollymayunga@sasol.com	
Solly Ishili	SASOL MINING	071 600 3437	Solly.ishili@sasol.com	
N GWAGA	Digby	011 899 9995	sh@dibywells.com	



COMMENTS REGISTER

One-on-one Discussions LANDOWNERS AND STAKEHOLDERS SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 23/07/2018 VENUE: Home (Saltberry Plains)
 TIME: 14h00 SCRIBE: Ndumini G

COMMENTATOR	COMMENT	RESPONSE
Alan Peppers	longwall - why is there backfilled the dolomite is broken and connected to the aquifer How many levels will be backfilled - → pump water to - slurry - the water why is the water going to a treatment plant if its not contaminated - Suck water out - to make slurry and to go back up	
	- when one coming into Saltberry - two Popelare - boreholes have been drilled after. - two holes drilled - subsidence - all eleven houses	

COMMENTATOR	COMMENT	RESPONSE
	<p>needed to water house shooting club - need to know - repair needs to make available</p>	<p>SM - need to get an answer - re-routing of ngr ASK assessment - to take a position t.3</p>
	<p>receive a copy of the questionnaire</p>	



DIGBY WELLS ENVIRONMENTAL

ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

KRUIDFONTEIN

23 July 2018 – 12h00pm

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, www.digbywells.com

Directors: GE Trusler (C.E.O), GB Beringer, LF Koeslag, J Leaver (Chairman)*, NA Mehloimakulu*, DJ Otto, RA Williams*

*Non-Executive



DATE: 23/07/2018 VENUE: Home
 SUBJECT: one-one discussion PRESENTER: N. Gwala

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
L Bernard	Boer	0825692377	/	
Solly Tshili	Sassa Mining	0716003427	solly.tshili@sassa.com	
Solomon Mayanga	Sassa	0716784994	Sollymayanga@sassa.com	
N Gwala	Digby	0178991495	sh@digbywells.com	



COMMENTS REGISTER

One-on-one Discussions LANDOWNERS AND STAKEHOLDERS SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 23/07/2018 VENUE: Home (Kruifontein Farm)
 TIME: 12h00 SCRIBE: N. Gwala

COMMENTATOR	COMMENT	RESPONSE
Louis Barnard	precise location for the mining - so I know where I do what in future - tell him in mine's	
-	because the shaft is down 1000 - in case I know what is happening	issuing of the mining could
-	interest due date	
-	nature conservation secretary birds - their breeding to have - origin less to extinction	
-	sun gazer - on top	
-	way in which the issue - sitting on the camp, and what happens afterwards - understand mining done of the guys - made a big deal out of this	

COMMENTATOR	COMMENT	RESPONSE
	<p>Water wasn't an big issue - and into coal so (not use the water - because that pumps out water - waterline to the houses too - eastern side - flat areas)</p> <p>2/3 farmers that say they are not happy - many millions for this project</p> <p>Supply one two of us to please make sure the waterline - willing to work with us.</p> <p>Game Camp to be established - water - to supply the camp but can't supply at the top - for him to put the pipeline - to get permission for that the lines are there just supply the water - future, hazard free -</p>	
→	<p>in supervision - no work in SA - only chance on this project - Africom if there is anything - fam security to assist on a contract basis</p>	<p>get the info to Saisi to the recipient person. supervise the installation for me</p>
→	<p>in-between man - supervision and much better relation</p> <p>→ Whatsapp group - older people - very nice relationship (keep that in mind)</p>	<p>Solly - get registered on the vendor bases. → Vendor system - Solly.</p>

COMMENTATOR	COMMENT	RESPONSE
	<p>where would it go to the farms - enter from the side - indication on the map - will you use old shaft. ^{called}</p>	
Potholes	<p>Thanna one, Doorshoek - subsidence 4m deep base deep - has a crack - winning right to the fence (DOM) - what happened to that - before ash is pumped to stabilize</p>	<p>ST - specialists on this was done - started with to the analysis -</p>
	<p>- ploughing and planting meadows</p>	<p>- recommended the area be fenced off - some compensation to happen. couldn't plough anymore PDM</p>
	<p>- many inspection on the shaft - said as a joke 2nd - ventilation shaft and gas officials went to see the shaft and borehole demolishing casing - concrete block - everytime I must open the gate - to see the shaft recommendation to take out the shaft in the area</p>	<p>SIM - I think its the best time - purchased inspector - DMR - PTA.</p>
P	<p>- demolish the shaft</p>	
		<p>- SI - tombstone to show the shaft was here default mine - processes to follow to get mine closure certificate - must be closed - DMR must satisfy themselves if they are not happy - a administration could Δ again</p>

COMMENTATOR	COMMENT	RESPONSE
	ash-cement water pumping - it needs to set	
→	<p>how and where will the drilling of the holes be -</p> <p>- wild animals - drilling machine - one shot with a gun - using silencers -</p> <p>drilling of holes - you need to get a way of sending them away temporarily.</p> <p>- think ahead of how this will be done for wild animals</p> <p>- different types - over 100 some time</p> <p>blastbot?</p> <p>orchid? pick up to the wire</p> <p>is it one track, one drilling machine -</p> <p>what is the set up.</p> <p>- the whole camp can be brought out</p>	<p>ST - when the pipes gets closer - this will be done and consulted with them.</p> <p>The contractors would need to know - it can be bad if the activities on top</p>



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ATTENDANCE REGISTER FOR

Sasol Mining (Pty) Ltd

Sigma Colliery Ash Backfilling project: One-on-one discussions

KRUIDFONTEIN

23 July 2018 – 9h30am

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, www.digbywells.com

Directors: GE Truster (C.E.O), GB Beringer, LF Koeslag, J Leaver (Chairman)*, NA Mehlomakulu*, DJ Otto, RA Williams*

*Non-Executive



DATE: 23/07/2018
 SUBJECT: Sasol Ashland Filling
 VENUE: Waterplan Business
 PRESENTER: NG

NAME AND SURNAME / NAAM EN VAN	DEPARTMENT / DEPARTEMENT	TEL / CELL	EMAIL / EPOS	SIGNATURE / HANDTEKENING
CAR WEIBACH		0823875578	augustin@gmail.com	
N. Gwala	PNE	0117899495	sh@digbynews.com	
Solomon Mayinga	SMRD	0710784994	Sollymayinga2@sasol.com	
Solly Tshili	Sasol MINING	0716003427	Solly.tshili@sasol.com	



COMMENTS REGISTER

One-on-one Discussions LANDOWNERS AND STAKEHOLDERS SASOL MINING (PTY) Ltd ASH BACKFILLING PROJECT

DATE: 23/07/2018 VENUE: Pumping offices (Waterford - Seaburg Office)
 TIME: 9h30 SCRIBE: Nondumiso Gwata

COMMENTATOR	COMMENT	RESPONSE
August	<ul style="list-style-type: none"> - underground water - contaminate - did affect the water on your neighbours farm - not sure - 	<ul style="list-style-type: none"> - what is the idea some of the water will be used as the recycle water - dont think the impact of Sasol
	<ul style="list-style-type: none"> - Why do they need the water use licence - the river is full of dead fish 	



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Sasol Mining Sigma Colliery

Ash Backfilling Project
Focus Group/ One-to-one discussion

23 – 27th July 2018

Meeting agenda

- Welcome, team introduction and meeting agreement.
- Meeting objectives.
- Project background and description.
- Legal process and environmental applications.
- Specialist studies and key findings of the baseline environment.
- Potential impacts, mitigation and recommendations.
- Way forward and closure.

Project Team

- Digby Wells Environmental
 - Nondumiso Gwala
Assistant Stakeholder Engagement Consultant
- Sasol Mining (Pty) Ltd
 - Solly Tshili
Manager: Mining Rights and Properties
 - Solomon Mayinga
Adviser: Mining Rights and Properties

Meeting agreement

- Time management.
- Please direct all questions to the facilitator who will identify participants.
- Please sign the attendance register.
- Kindly switch off mobile phones.
- Please hold all questions and comments until the end of the presentation.
- Questions can be asked in the language of your choice.

Meeting objectives

- Provide feedback on specialist studies undertaken.
- Provide information on potential impacts.
- Provide information on proposed mitigation measures and recommendations.
- Document/Record any stakeholder comments.
- Interact with stakeholders.

Sigma Colliery

- Sigma Colliery has been mining coal in the Sasolburg district since **1952**.
- Post-closure of the Sigma Colliery defunct area, areas with a high **potential for subsidence** due to undermining were identified in the northern portions of the defunct area. Some of these **areas were backfilled** to minimise/prevent potential subsidence (2005-2010).
- Sigma Colliery received a Water Use Licence (WUL) for ash backfilling in July 2005 (WUL no. 20021165) which **expired in 2010**. Not all of these areas were backfilled during this 5 year period, and are now to be **included in this** application.

Project Description

- Digby Wells Environmental are the independent environmental consultants undertaking a Basic Assessment (BA) Process required to update the Environmental Authorisation (EA) for the Ash Backfilling Project
- The BA process was undertaken in 2013 to obtain the required EA, Waste Management Licence (WML) and Water Use Licence (WUL).
- Subsequent to this submission an EA was granted in April 2014 while the WML and WUL was granted in 2017.

Project Description

- As per condition 1.5 of the EA, Sasol Mining had three years to commence with the Ash Backfilling Project.
- Due to the WML and WUL not being granted the EA lapsed in April 2017.
- DMR confirmed that a new BA Process would need to be undertaken to obtain the required EA for the ash backfilling project

Project Description

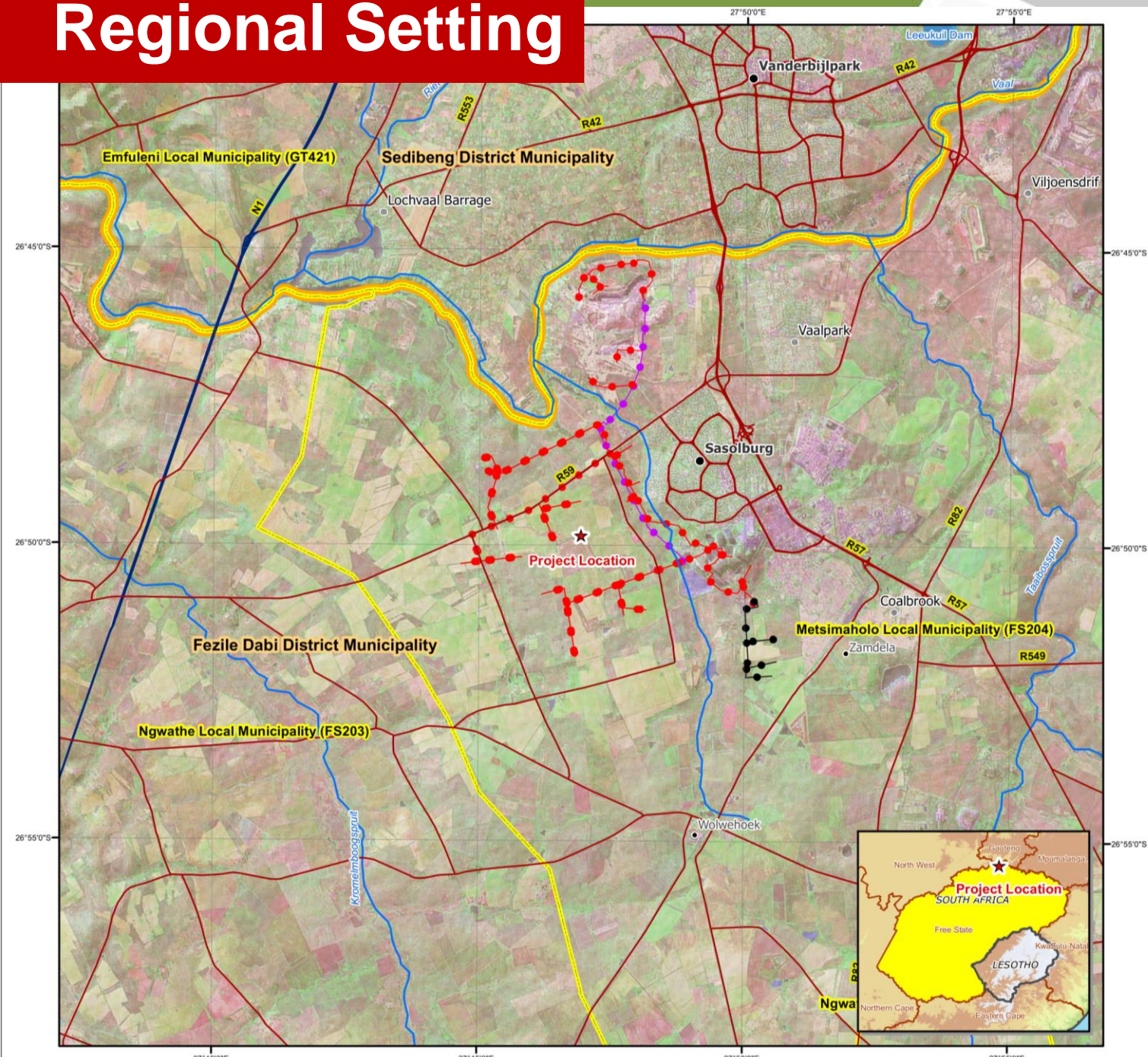
- Sigma Mining proposes to construct additional above-ground pipelines to extend the existing pipeline network and transport ash slurry from the Sasol Ash pump station and dispose of it into the old mine voids of Sigma Defunct Colliery, to stabilise the surface as one component of closure.
- The sooner backfilling starts the more surface area can be stabilised.
- The project is being undertaken to reduce the potential for subsidence of the defunct area


Regional Setting

Sasol Sigma Ash Backfilling Regional Setting

Legend

- ★ Sigma Colliery
- Major Town
- Other Town
- Settlement
- Main Road
- National Road
- River
- Potential Ash & Water Pipeline
- Existing Ash & Water Pipeline
- New Potential Ash & Water Pipeline
- Dam
- ▭ Local Municipality
- ▭ District Municipality

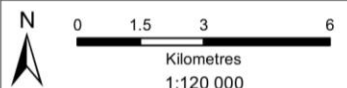




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Projection: Transverse Mercator Ref #: ajm.SAS5184.201807.078
 Datum: WGS 1984 Revision Number: 1
 Central Meridian: 27°E Date: 08/07/2018



0 1.5 3 6
Kilometres
1:120 000

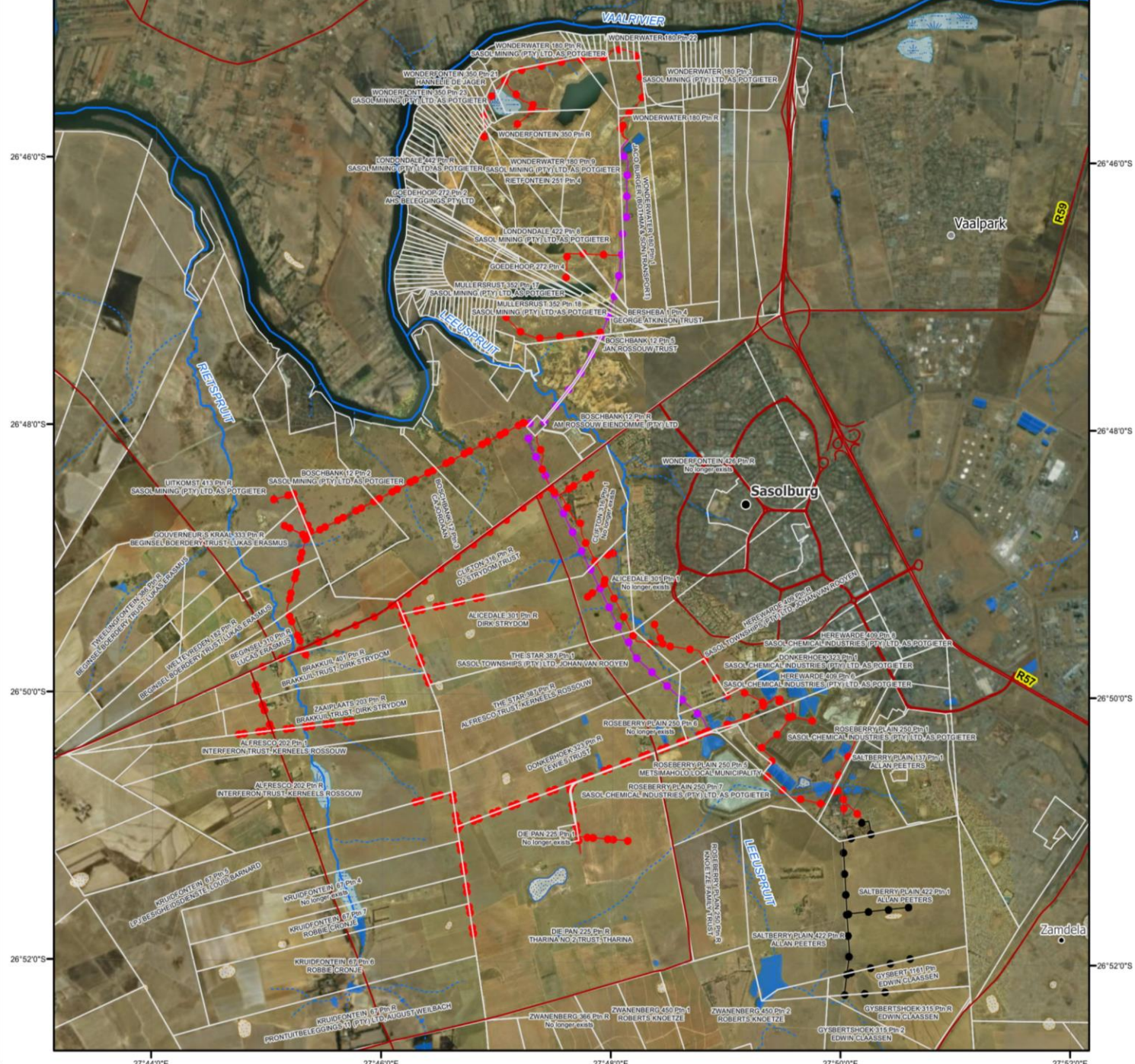
www.digbywells.com © Digby Wells Environmental

Sasol Sigma Ash Backfilling

Land Tenure

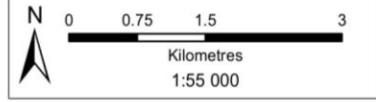
Legend

- Major Town
 - Other Town
 - Settlement
 - Main Road
 - National Road
 - Farm Boundaries
 - Perennial River
 - Non-Perennial River
 - Dam
 - Wetland
 - Perennial Pan
 - Non-Perennial Pan
- ### Pipeline Layout
- Potential Ash & Water Pipeline
 - Existing Ash & Water Pipeline
 - New Potential Ash & Water Pipeline



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Projection: Transverse Mercator Ref # : ajm_SAS5184.201807.079
 Datum: WGS 1984 Revision Number: 1
 Central Meridian: 27°E Date: 08/07/2018



Sasol Sigma Ash Backfilling Proposed Pipeline Locations

Legend

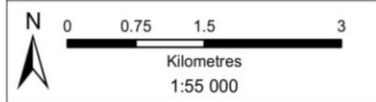
- Major Town
- Other Town
- Settlement
- Main Road
- National Road
- Perennial River
- - - Non-Perennial River
- Dam
- Wetland
- Perennial Pan
- Non-Perennial Pan
- Potential Ash & Water Pipeline
- Existing Ash & Water Pipeline
- New Potential Ash & Water Pipeline

Pipeline Layout



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Projection: Transverse Mercator Ref #: ajm.SAS5184.201807.080
Datum: WGS 1984 Revision Number: 1
Central Meridian: 27°E Date: 08/07/2018
















27°44'0"E 27°46'0"E 27°48'0"E 27°50'0"E 27°52'0"E

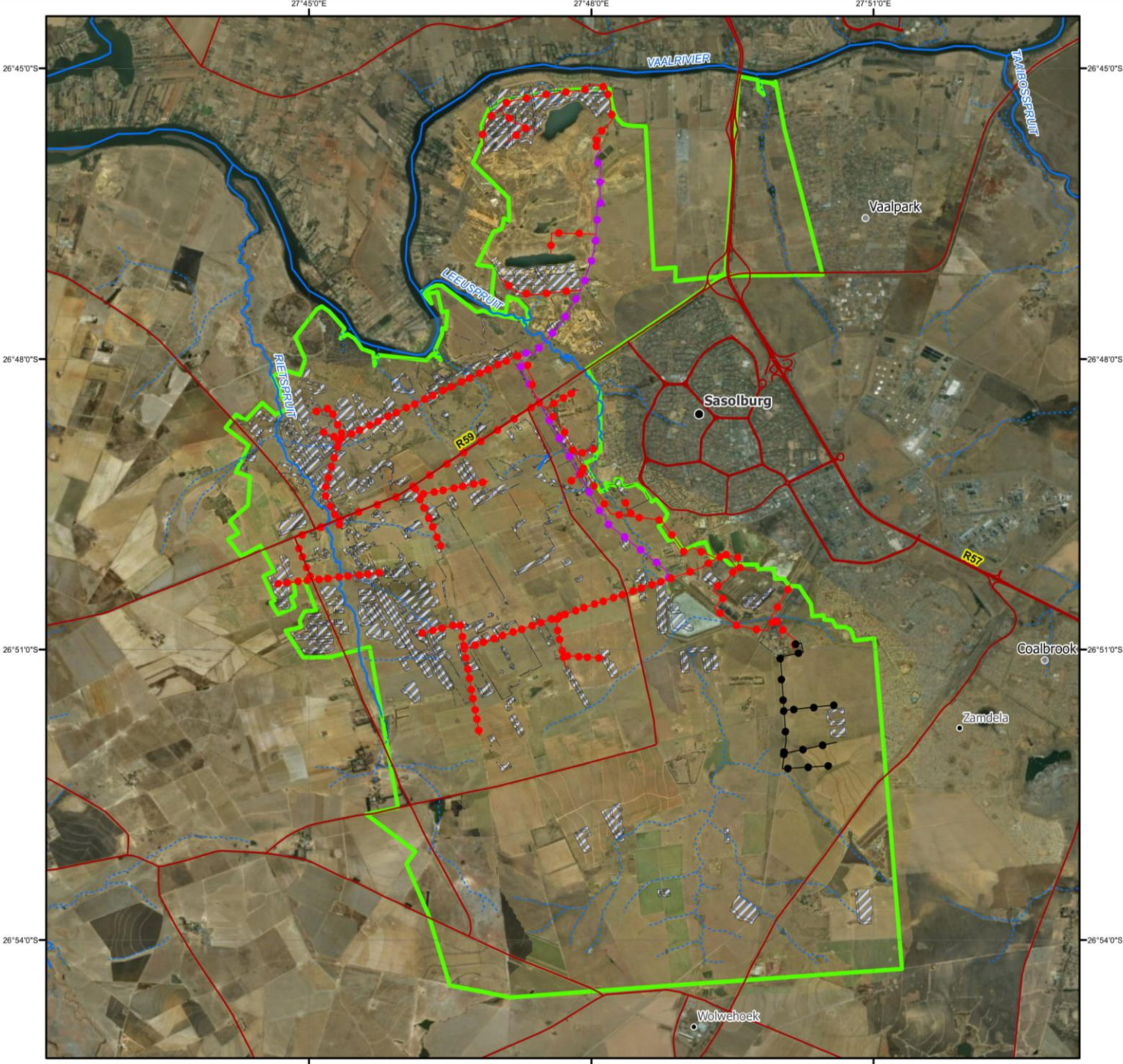
26°46'0"S 26°48'0"S 26°50'0"S 26°52'0"S

27°44'0"E 27°46'0"E 27°48'0"E 27°50'0"E 27°52'0"E

Sasol Sigma Ash Backfilling Areas of Subsidence within the Sigma Defunct Colliery

Legend

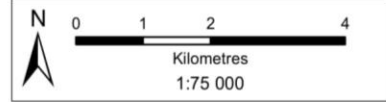
-  Defunct Sigma Mining Right Boundary
 -  Major Town
 -  Other Town
 -  Settlement
 -  Main Road
 -  National Road
 -  Perennial River
 -  Non-Perennial River
 -  Subsidence
 -  Dam
- ### Pipeline Layout
-  Potential Ash & Water Pipeline
 -  Existing Ash & Water Pipeline
 -  New Potential Ash & Water Pipeline




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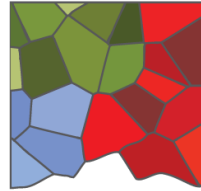
• Sustainability • Service • Positive Change • Professionalism • Future Focused • Integrity

Projection: Transverse Mercator Ref #: ajm.SAS5184.201807.081
 Datum: WGS 1984 Revision Number: 1
 Central Meridian: 27°E Date: 08/07/2018



Applications

- Compilation and submission of the Environmental Application for the listed activities in accordance with the National Environmental Management Act, Act No. 107 of 1998 (NEMA).
- The following 2013 specialist studies was updated to reflect the latest information that is available:
 - Wetlands Specialist Study;
 - Aquatics Specialist Study;
 - Heritage Specialist Study (Resubmission of Heritage Report and cover letter to South Africa Heritage Resource Authority (SAHRA));
 - Fauna and Flora Specialist Study;
 - Surface Water Specialist Study; and
 - Groundwater Specialist Study
- Update of the Basic Assessment Report to comply with the EIA Regulations, 2014 (As amended) and the DMR template. As well as to reflect any updates that need to be made regarding the baseline.



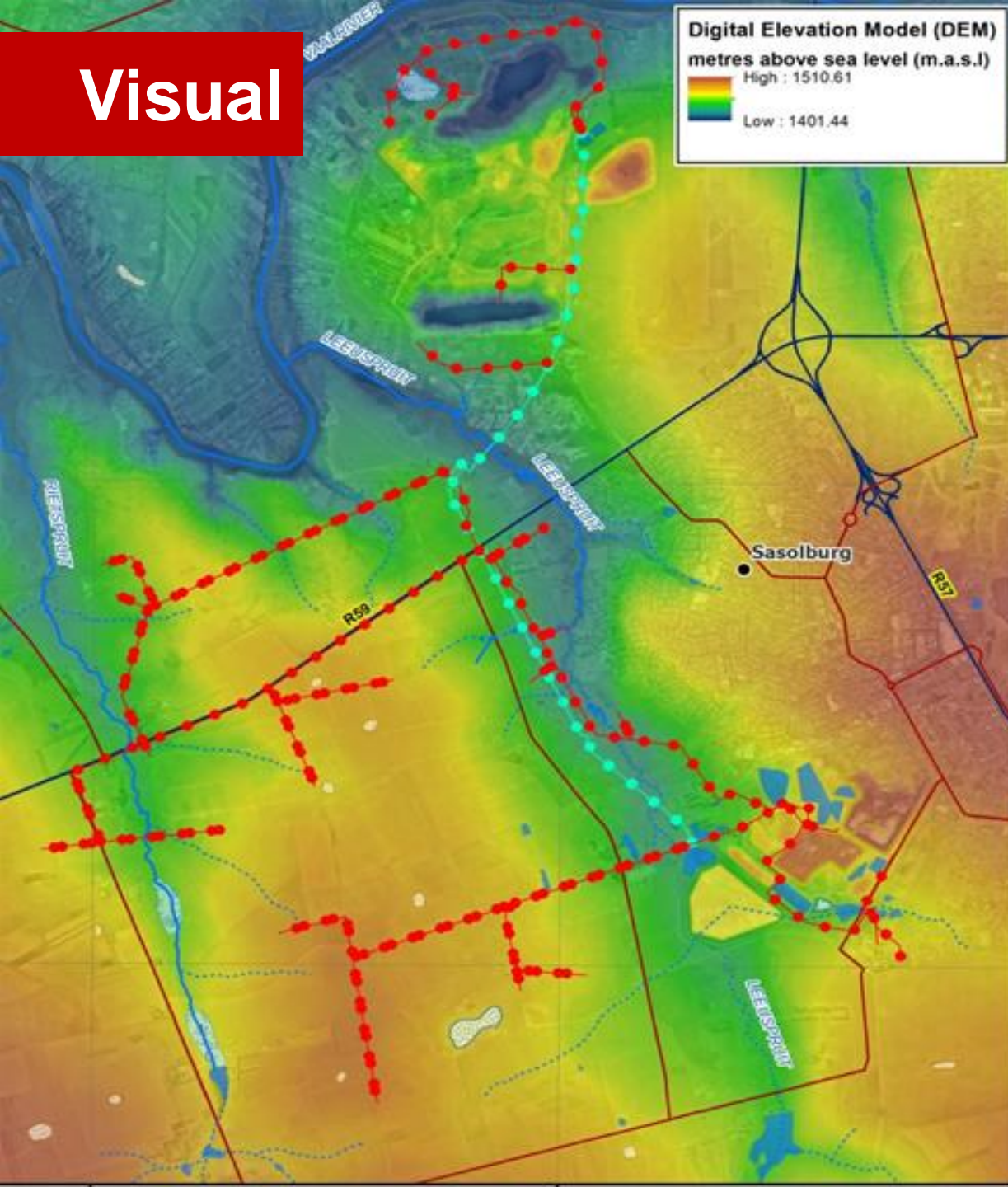
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Specialist studies and key findings of the baseline environment

Specialist studies

- Studies completed:
 - Groundwater impact assessment
 - Surface water impact assessment
 - Wetland impact assessment
 - Aquatic ecology impact assessment
 - Social impact assessment
 - Flora and fauna impact assessment
 - Topography and visual impact assessment
 - Noise impact assessment
 - Heritage impact assessment

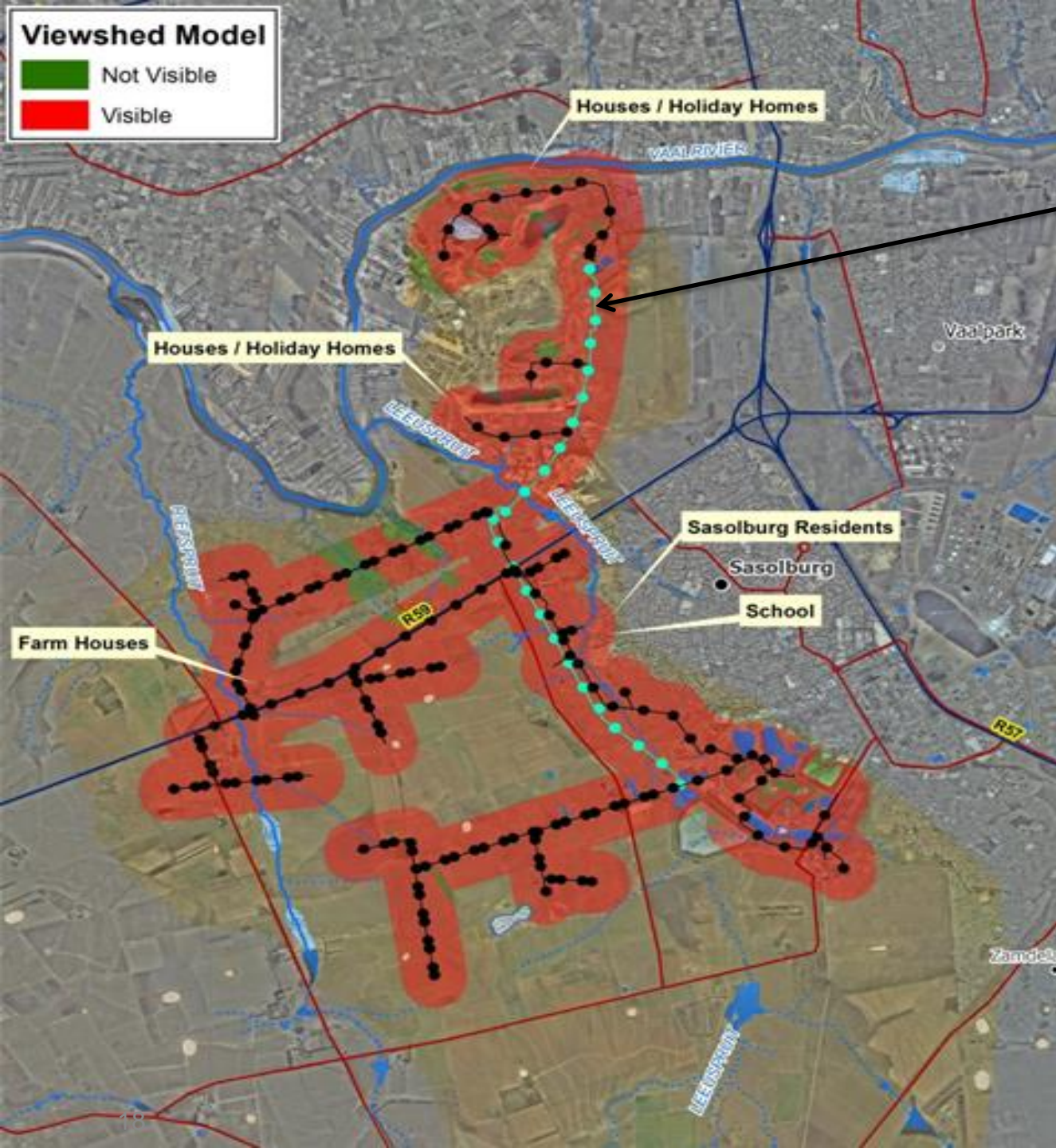
Visual



Large portions of the pipe are in low lying areas, reducing visibility

Viewshed Model

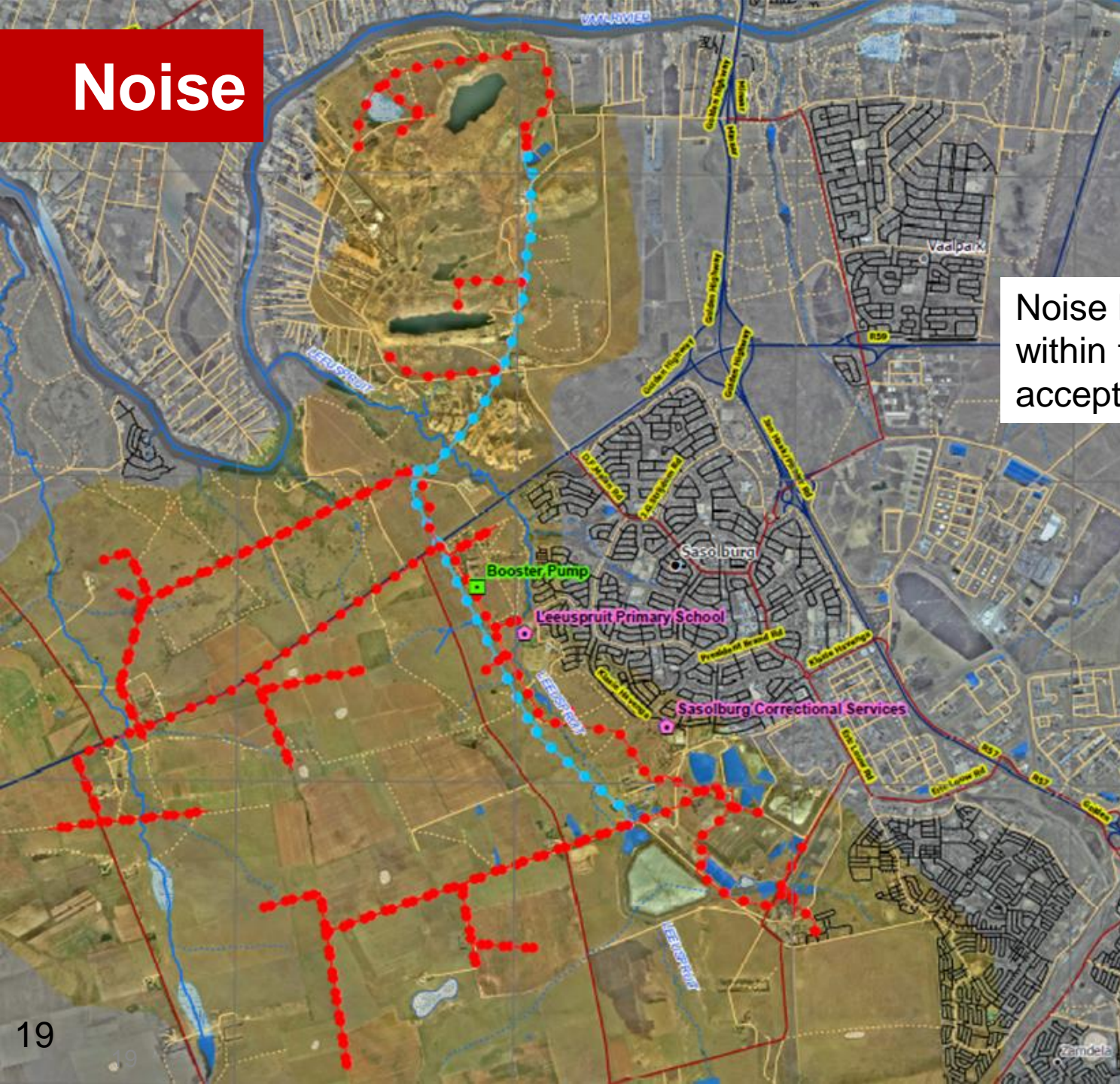
- Not Visible
- Visible



Visibility

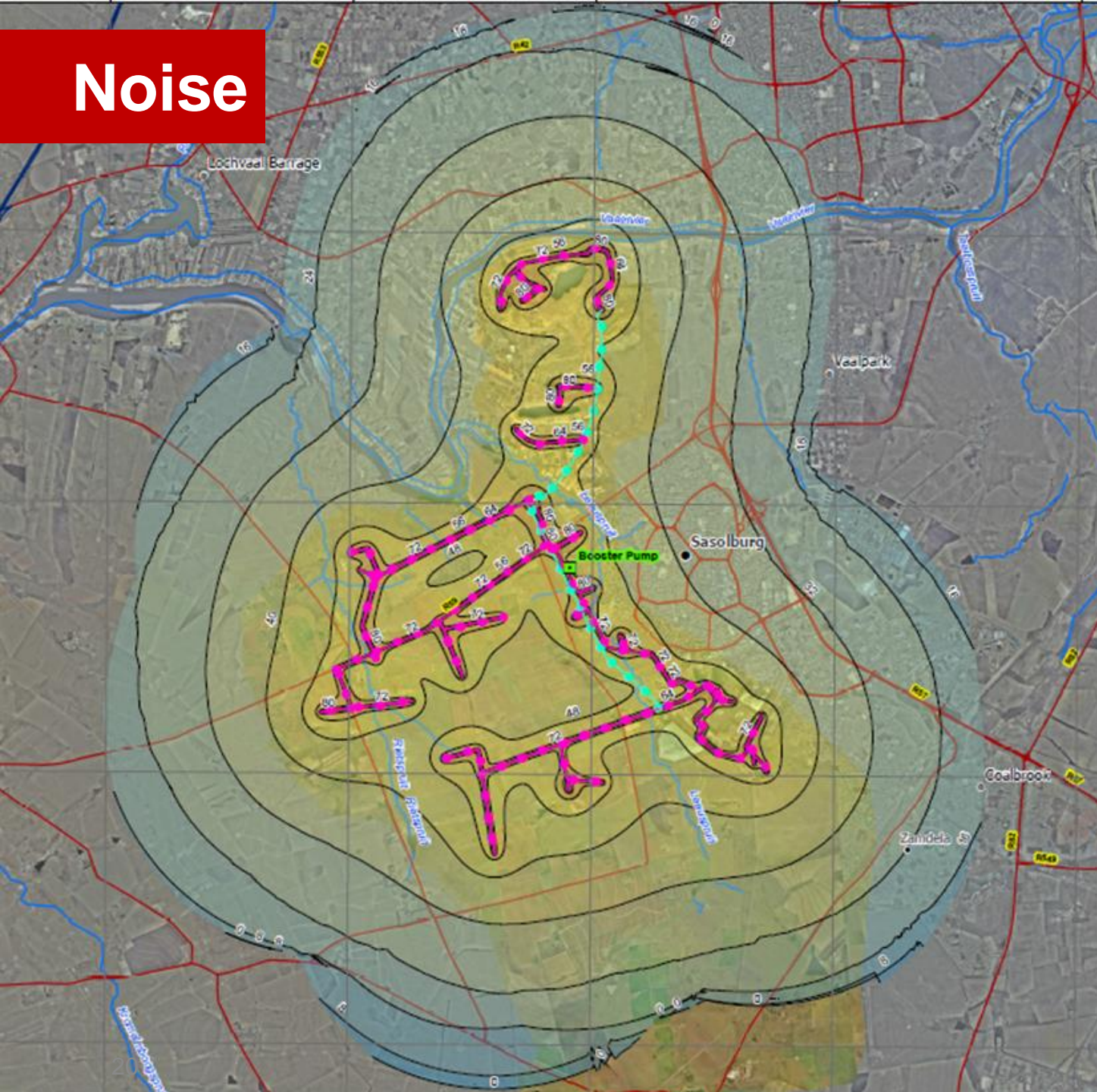
Most of the pipe is only visible when close by

Noise



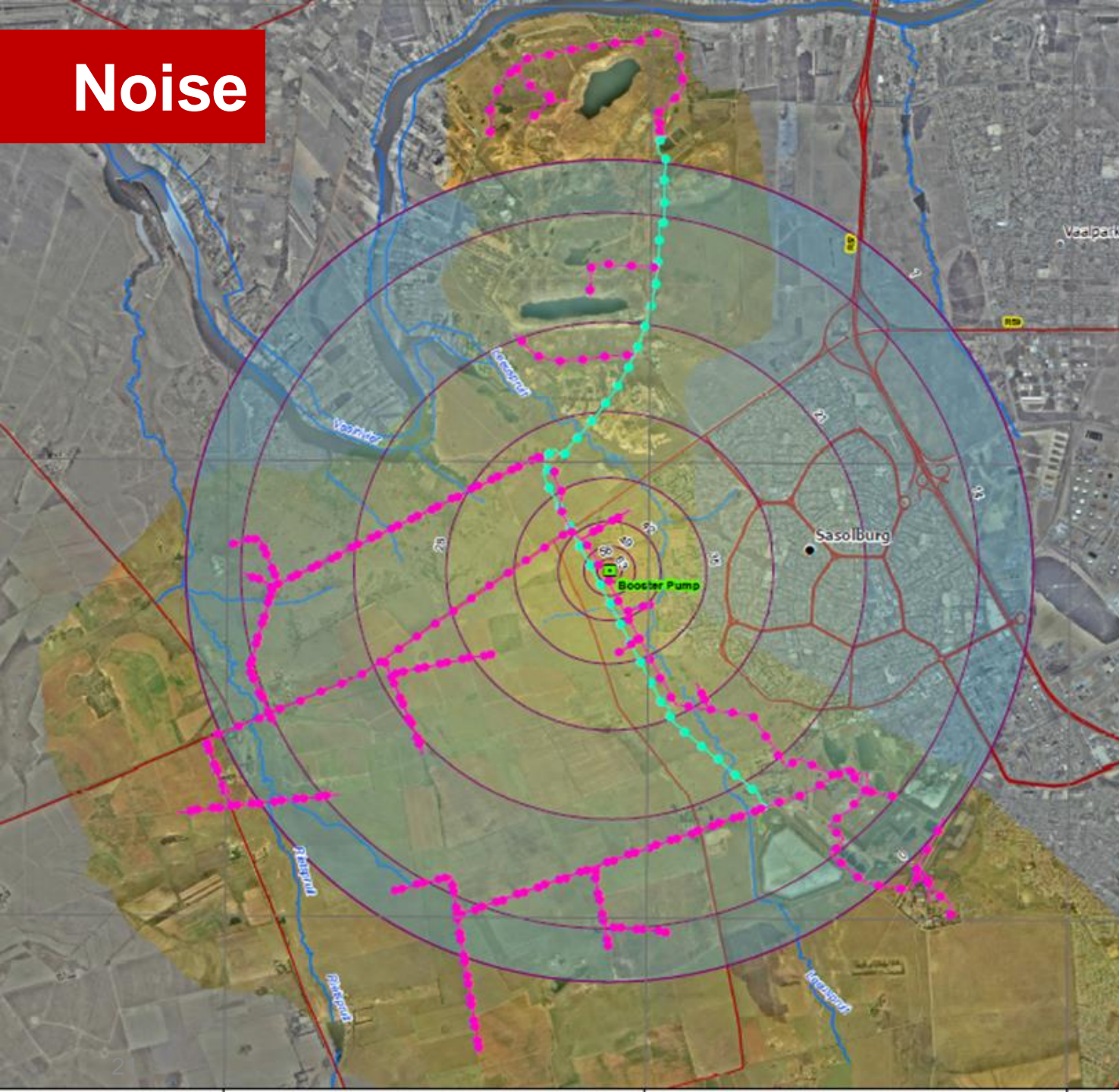
Noise levels are within the SANS acceptable limits

Noise



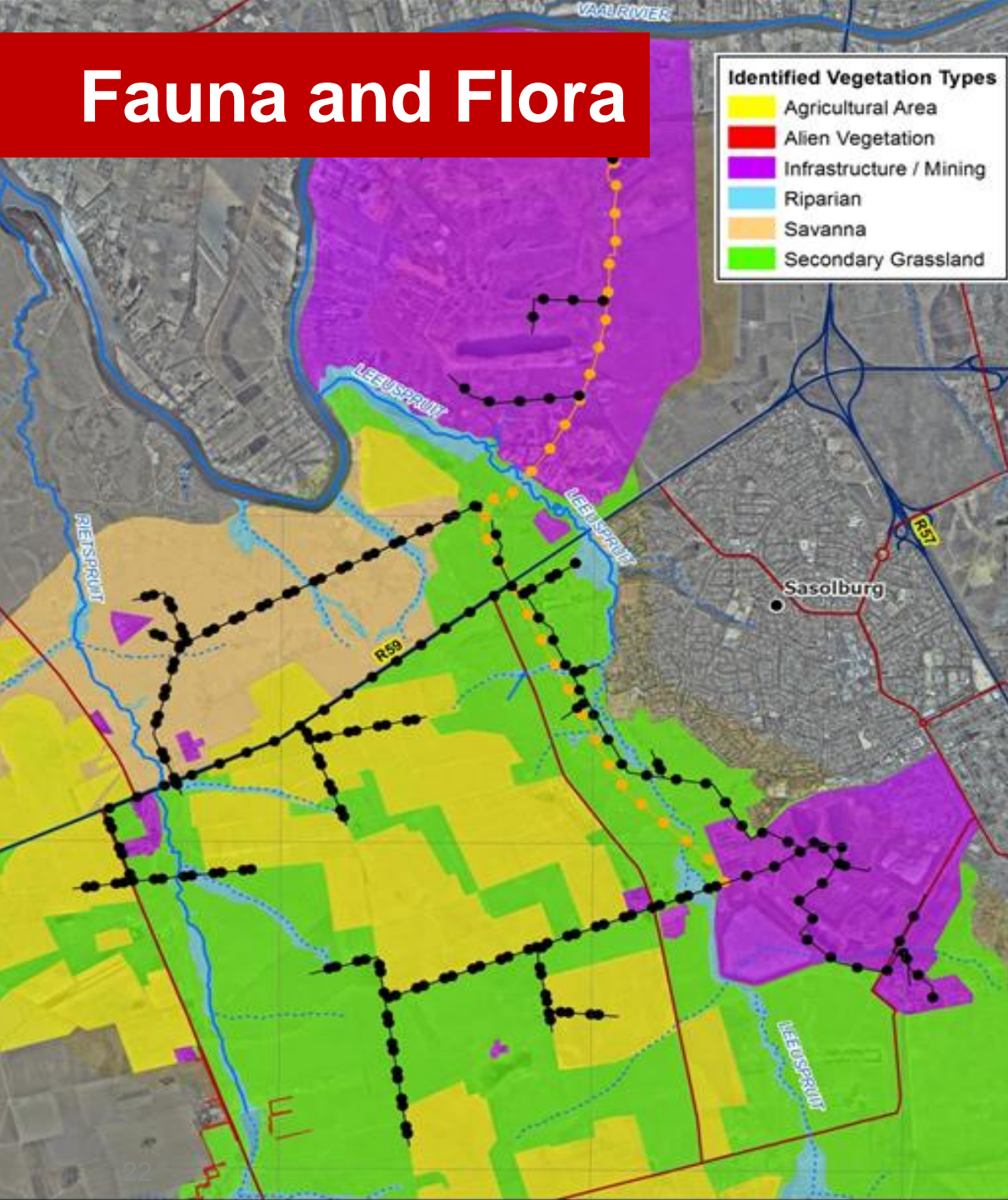
Construction phase noise levels: Very short lived and not very loud

Noise

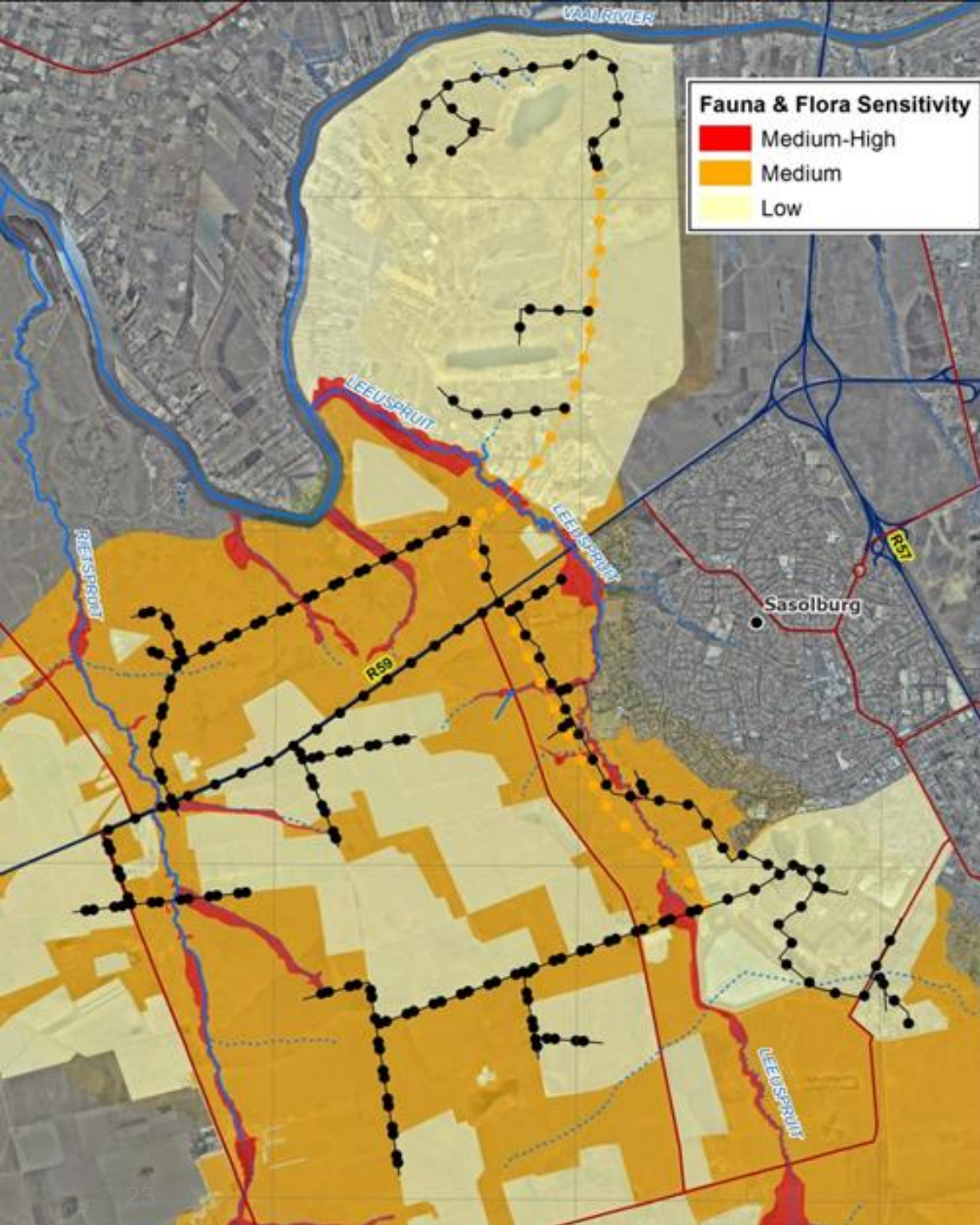


Operational phase noise levels: No impact from booster station

Fauna and Flora

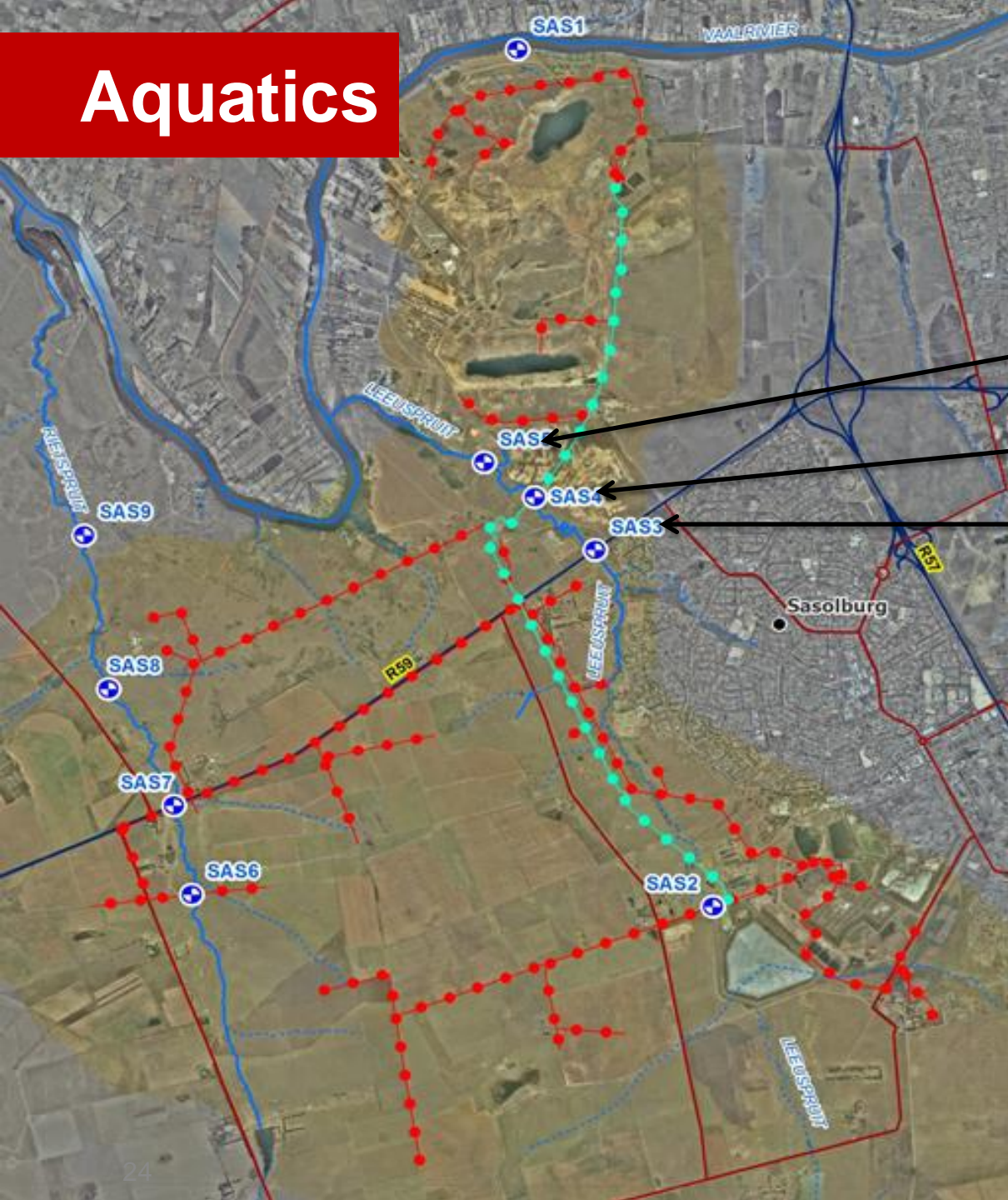


Vegetation types



Sensitivity of
fauna and flora
in the study
area

Aquatics



Ecstatus:

E

Ecstatus:

E

Ecstatus:

D

Surface Water

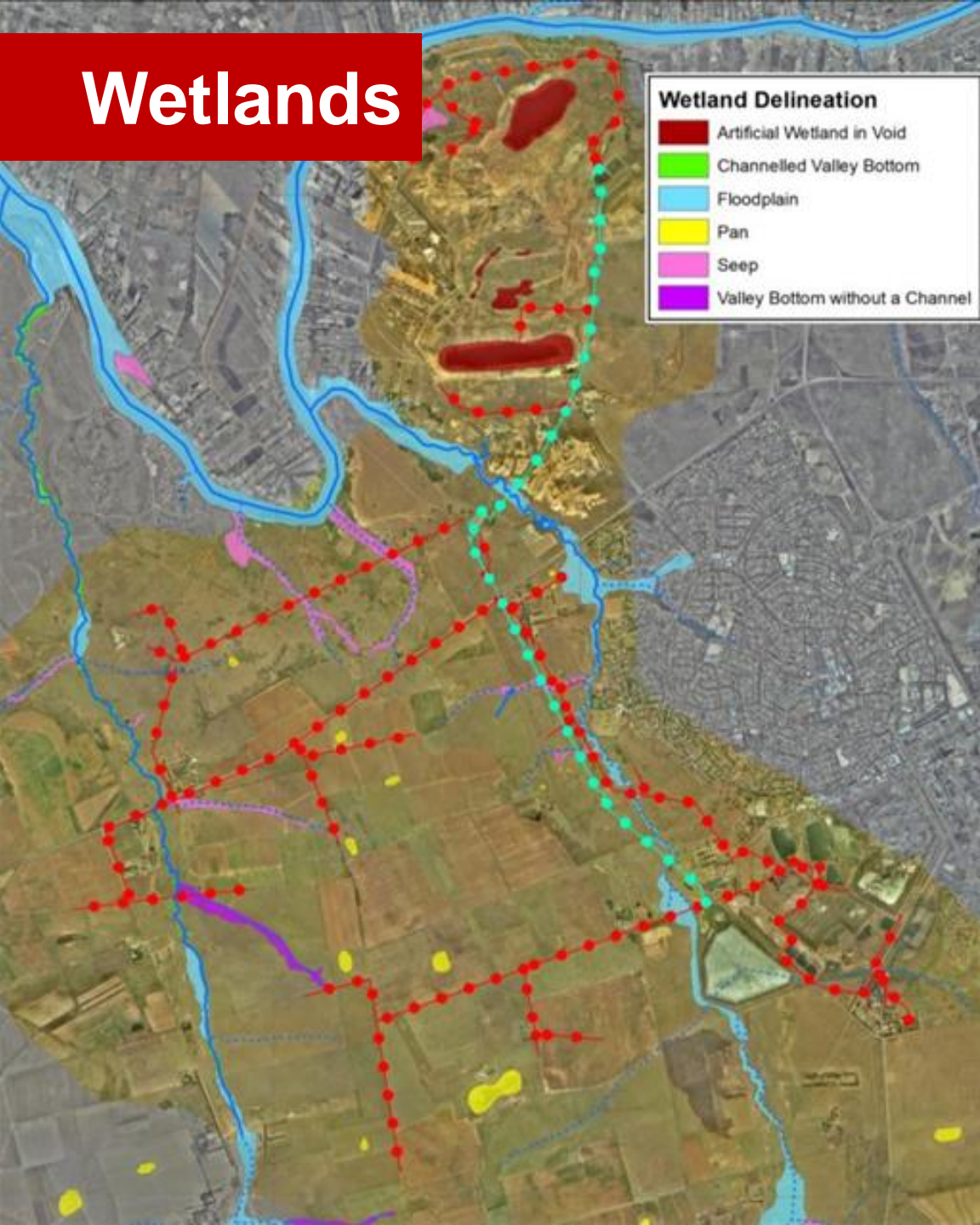


Al, Fe, COD, PO₄, NO₃
exceed WQO

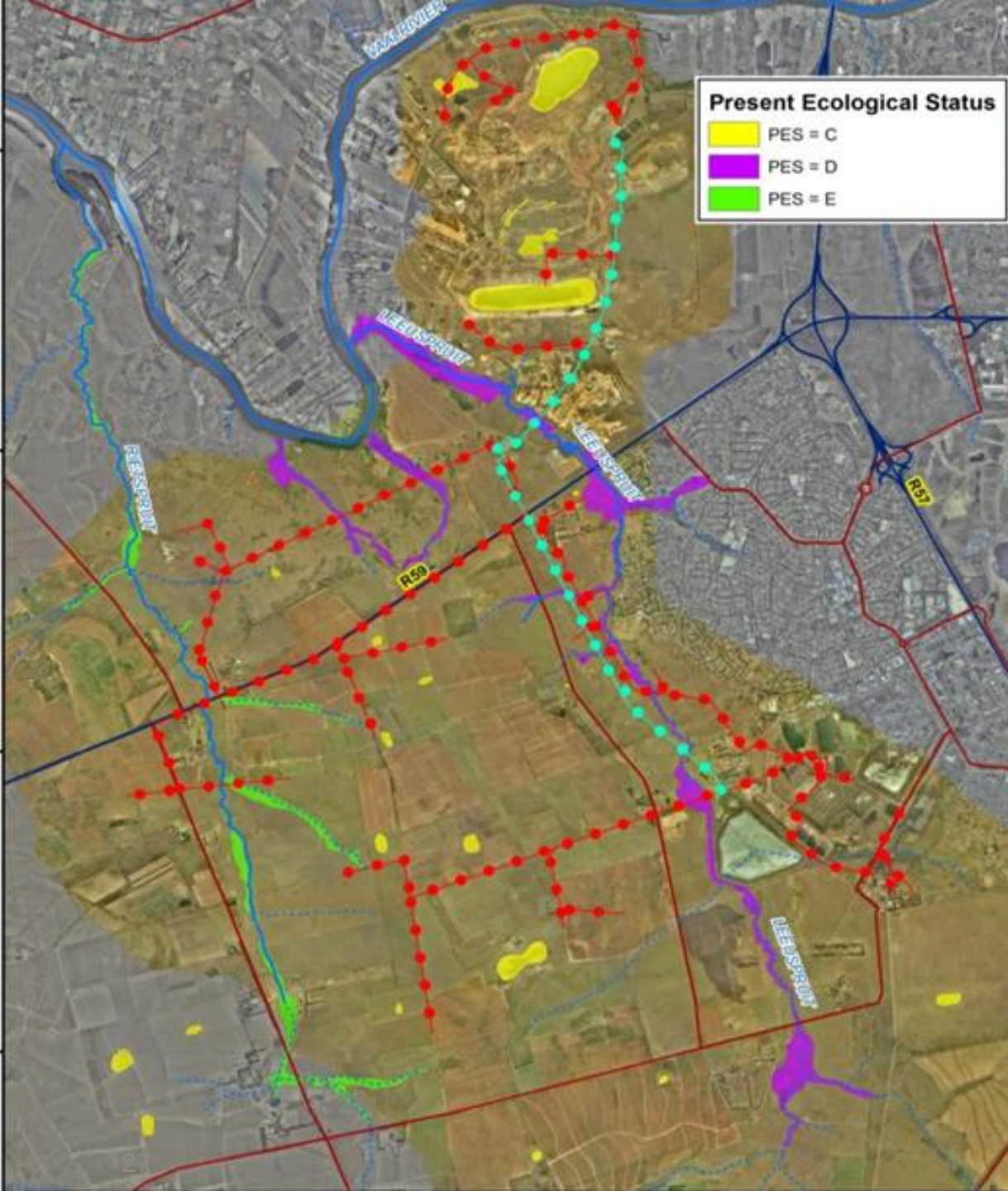
TOC, Al, Phenol and Fe,
exceeded SANS
241:2011

Old mining, sand mining
and agriculture

Wetlands



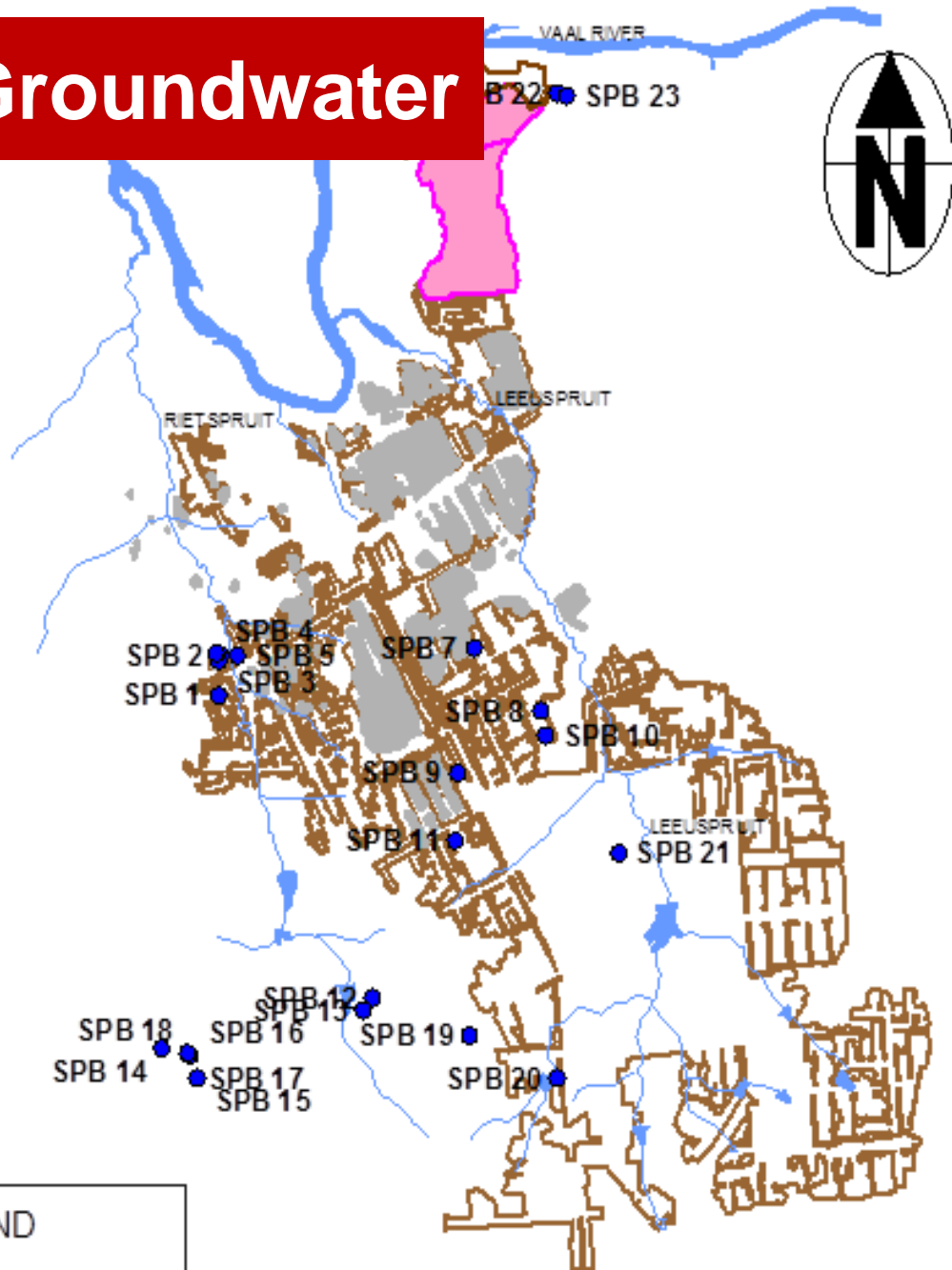
Identified wetlands
in the project area



Current wetland condition/state

C	Moderately modified
D	Largely modified
E	loss of natural habitat and biota

Groundwater



Groundwater monitoring boreholes

System alkaline. Water quality is within acceptable limits of SANS 241:2011.

LEGEND

Subsidence
28

SPB 22
SPB 23



SPB 4

SPB 10

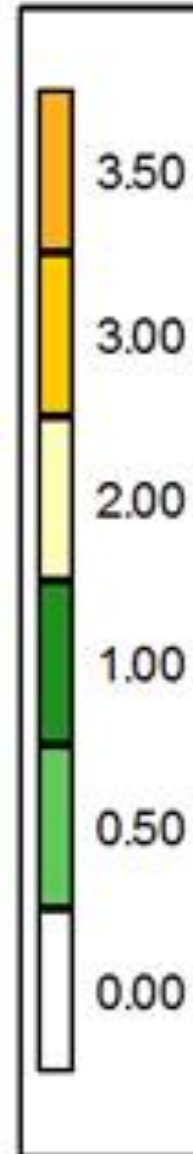
SPB 21

SPB 13

SPB 16

SPB 17

SPB 18
SPB 15



Pollution plume
after 100 years

Only AI could
leach however at
very low
concentrations

Pollution will not
reach aquifers
above the voids

Impact Assessment

- Minimal impact to the environment is anticipated during construction phase. Wetlands need to be taken into consideration when constructing the pipelines and the proposed mitigation measures need to be implemented;
- Boreholes must be constructed correctly to ensure no groundwater contamination occurs while the ash slurry is being pumped to the underground workings;
- The key findings from the construction, operation and decommissioning of the pipelines are associated with its impact on surface water, groundwater, wetlands and aquatic ecology specifically the Rietspruit and the Leeuspruit which runs through the Sigma Defunct Colliery;
- During the operational phase, the most significant impacts are associated with the potential risk of a pipelines leak which could result in the discharge of ash slurry into the environment;

Impact Assessment

- The pumping of ash slurry to the underground mine voids can also have an impact on groundwater quality which must be managed through groundwater monitoring. This impact is predicted in both operational (if boreholes are not constructed correct) and post closure phases if mitigation measures are not implemented correctly;
- In general, the overall impact of post-closure on groundwater quantity prior to mitigation is minor. If the mitigation measures are applied, the impact will be negligible; and
- Motivation for this project to proceed will have positive impacts towards the environment as it will avoid the larger impacts towards the environment.

Mitigation and recommendation

- Implementation of the proposed monitoring plans.
- Backfill immediately after water abstraction.
- Continuous monitoring for potential spills.
- Watercourse crossings should be on plinths.
- Continuously monitor for subsidence during and after the project.

Going Forward

- Contributions from stakeholders assist with informed decision making for authorities and provide information to be considered by the project team and specialists.
- BAR is available for comment until 15 August 2018.
- Submission of Final Report to DMR and making it available to the public at the same time – 30 August 2018.

Contact person	Address	Contact number
Mr Shawn Janneker	Welkom, The Strip Building, 01st floor boardroom	057 391 1300

Thank you

▪ **Nondumiso Gwala**

Private Bag X10046, Randburg, South Africa, 2125

Tel: 011 789 9495

Fax: 011 069 6801

Email: sh@digbywells.com

Website: www.digbywells.com (Public Documents)



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Appendix C 7: Comment and Response Report

CATEGORY	COMMENT RAISED	CONTRIBUTOR	ORGANISATION/COMMUNITY	DATE	METHOD	RESPONSE
Project Registration	In Sasolburg at sigma mining if possible can I be registered as concern resident mazibuko	Enoch Mazibuko	Resident	10-Jul-18	Email	Good day, Thank you for your email and interest in the project. Please note we have registered you on the database for further notifications. Feel free to contact us should you require anything.
CATEGORY	COMMENT RAISED	CONTRIBUTOR	ORGANIZATION/COMMUNITY	DATE	METHOD	RESPONSE
Groundwater	The underground water is contaminated.	CAP Weibach	Landowner for Kruidfontein	23-Jul-18	One-on-one discussion	The proposed project involves the pumping of ash mixed with water underground in areas where a significant risk of subsidence has been identified to stabilize the underground workings. An Environmental Authorisation (EA) Process has been undertaken to obtain the required authorisation to proceed with the project. In 2014 an EA was received however it lapsed and therefore no activities for the proposed project will be commenced with until this EA is granted. It should however be noted that a Waste Management Licence (WML) and Integrated Water Use Licence (IWUL) has been granted by the various government departments for the proposed project. Ash backfilling has been undertaken by Sasol in the past under its previously approved IWUL which lapsed more specifically beneath the R59. Any groundwater contamination which may have been experienced historically is not related to this specific project. Groundwater monitoring is undertaken on a quarterly basis to determine the groundwater and surface water quality by Sasol. The results indicate that the groundwater quality have stabilised and no significant contamination in groundwater has been experienced except for one borehole which could be related to the geology or third party factors unrelated to Sigma. It should also be noted that the groundwater quality utilised by farmers will not be impacted by the proposed project as the ash will be pumped into the mine void with the ash settling at the bottom of the void. The groundwater in the mine void does not influence the groundwater utilised by farmers in the area (Refer to Groundwater specialist study Appendix I).
Water	Did this project affect the water on my neighbours farm?	CAP Weibach	Landowner for Kruidfontein	23-Jul-18	One-on-one discussion	The activities proposed to be undertaken by the ash backfilling project trigger Section 21 c, g, i and j under the National Water Act, 1998 (Act No. 36 of 1998). <ul style="list-style-type: none"> ■ Section 21 (c): impeding or diverting the flow of water in a watercourse; ■ Section 21(g): disposing of waste in a manner which may detrimentally impact on a water resource ■ 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 is necessary for the efficient continuation of an activity or for the safety of people In accordance with this legislation an IWUL is required prior to the project commencing. An IWUL application with its associated IWWMP for the proposed ash backfilling project was submitted to the DWS on 3 March 2014. An IWUL was granted along with its amendments by the DWS on 11 October 2017 (Licence No. 10/C22K/CGIJ/4608). (Refer to Part B Section 4.3 of the BAR).
Water Use Licence	Why do you need the water use licence	CAP Weibach	Landowner for Kruidfontein	23-Jul-18	One-on-one discussion	The activities proposed to be undertaken by the ash backfilling project trigger Section 21 c, g, i and j under the National Water Act, 1998 (Act No. 36 of 1998). <ul style="list-style-type: none"> ■ Section 21 (c): impeding or diverting the flow of water in a watercourse; ■ Section 21(g): disposing of waste in a manner which may detrimentally impact on a water resource ■ 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 is necessary for the efficient continuation of an activity or for the safety of people In accordance with this legislation an IWUL is required prior to the project commencing. An IWUL application with its associated IWWMP for the proposed ash backfilling project was submitted to the DWS on 3 March 2014. An IWUL was granted along with its amendments by the DWS on 11 October 2017 (Licence No. 10/C22K/CGIJ/4608). (Refer to Part B Section 4.3 of the BAR).

CATEGORY	COMMENT RAISED	CONTRIBUTOR	ORGANISATION/ COMMUNITY	DATE	METHOD	RESPONSE
Water	The river is full of dead fish.	CAP Weilbach	Landowner for Kruidfontein	23-Jul-18	One-on-one discussion	It is understood that dead fish have been reported in the Vaal River which has been specifically related to the discharge of sewage as well as other contaminants from various industries. It is not anticipated that the ash backfilling project will have a significant negative impact on the surface water and aquatic life within the Vaal River. However should a spillage occur which can result in an impact to surface water, mitigation measures have been proposed and will be implemented by Sasol (Refer to Part A Section 12.1 of the BAR).
CATEGORY	COMMENT RAISED	CONTRIBUTOR	ORGANIZATION/ COMMUNITY	DATE	METHOD	RESPONSE
Request of information	Please can you show me a location of where any mining would take place so I can see where I can mine in future	Louis Barnard	Landowner for Kruidfontein	23-Jul-18	One-on-one discussions	Sasol Sigma Defunct Colliery was an operational mine in the 1950s and ceased all mining activities in 2006. No further mining activities by Sasol is proposed to be undertaken in this area. Plan 5 shows the areas which have been mined historically as well as where subsidence is anticipated.
PP dates	What is the latest due date for this process?	Louis Barnard	Landowner for Kruidfontein	23-Jul-18	One-on-one discussions	The EA application was submitted to the Department of Mineral Resources on 30 May 2018. The public participation process was commenced with from 16th July 2018 to 15th August 2018. The Final BAR was submitted to the DMR for consideration on 30 August 2018. The Final BAR will be made available for final review from the 30 August 2018 on the Digby Wells website.
Flora	There is a nature conservation where there are secretary birds and their breeding is becoming extinct.	Louis Barnard	Landowner for Kruidfontein	23-Jul-18	One-on-one discussions	As part of this project, flora and wetlands have been investigated to determine the current status of the environment and to determine any potential ecological sensitivity to be avoided and/or mitigated. The study focused specifically on where the pipeline is proposed to be located as well as the impact associated with the ash backfilling. No applications have been submitted in terms of NEM:BA for the project as no protected species were identified along the pipeline routes and therefore permits are not required to relocate them. The findings of the flora and wetlands assessments, in the form of the impacts and the proposed mitigation measures for the project are detailed in Part A: Section 15 and Part B: 5 and 6 of the BAR. The project is not anticipated to impact on any protected species. No protected species were identified during the site visit. It is however noted that a small portion of the pipeline is located in both Critically Biodiversity Areas as well as Ecological Support Areas. The impact associated from the proposed project is not anticipated to have a significant negative impact on the fauna and flora.
Water	I never wanted to make water an issue but two or three farmers say they are not happy.	Louis Barnard	Landowner for Kruidfontein	23-Jul-18	One-on-one discussions	Thank you for your comment, this will be noted.
	All I ask is that water be supplied to me too please. I am willing to work with Sasol	Louis Barnard	Landowner for Kruidfontein	23-Jul-18	One-on-one discussions	Sigma Colliery historically provided water to land owners where it was legally and/or contractually obliged to do so. It is noted that Sasol still provide water to these selected farmers however, as the mine has ceased all operation, Sasol are now in the process of drilling new boreholes for farmers previously impacted by the mine. The aim is to provide farmers with a sustainable solution where Sasol will no longer supply farmers with water if a suitable alternative sources (quality and quantity) is able to be provided. It is not anticipated that the project will have an impact on farmers water supply.