

Appendix C5:
Stakeholder Correspondence

14 April 2021

Dear Stakeholder and Interested & Affected Party,

**PROPOSED DEVELOPMENT OF A ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE
NEAR KWA-GUQA, MPUMALANGA PROVINCE
(DEFF Reference No.: 14/12/16/3/3/2/401)**

**NOTIFICATION OF AVAILABILITY OF THE ENVIRONMENTAL IMPACT
ASSESSMENT REPORT FOR REVIEW AND COMMENT**

Savannah Environmental (Pty) Ltd, the appointed Environmental Assessment Practitioner (EAP) notified you as a registered interested and affected parties (I&APs), in November 2020 of the availability of the Scoping Report for the above-mentioned project for your review and comments. The final Scoping Report was submitted to the Department of Forestry, Fisheries and the Environment (DFFE) on 08 January 2021.

We would like to take this opportunity to inform you, as registered interested and affected party (I&AP), that DEFF has accepted the final Scoping Report and approved the Plan of Study for the Environmental Impact Assessment (EIA) in terms of Regulation 22 (a) of the EIA Regulations, 2014, as amended. The letter in this regard was received, on Thursday, 18 February 2021.

The proponent, Anglo African Metals (Pty) Ltd (the South African registered company of Fodere Titanium), has developed a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials. The process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed by the proponent is also demonstrated to extract aluminium as aluminium oxide (Al_2O_3), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum ($CaSO_4$). The project is known as the Zero Waste Recovery Plant.

The Zero Waste Recovery Plant is proposed to be located on the Remaining Extent of the Farm Highveld Industrial Park Number 1230 JS, approximately 17 km west of eMalahleni town in the eMalahleni Local Municipality (LM) within the Nkangala District Municipality (DM) in Mpumalanga. The development area is approximately 4 ha in extent and is contained within the EVRAZ Highveld Steel and Vanadium (Highveld) property¹. The site is accessible directly off the R104, from the N4 turnoff near Kwa-Guqa informal settlement.

¹ As of June 2021, owned by Highveld Industrial Park (Pty) Ltd

The main infrastructure associated with the facility includes the following:

- » Chemical plant area, where all process chemicals including acid are produced, stored and handled as required by the waste recovery process.
- » Substation and plant utility unit as interface and controlling unit for the electricity utilised by the plant during operation.
- » Slag stockpile.
- » Crushing plant.
- » Mill.
- » Product area for storage of the various products produced through the recovery process.
- » Reagent area, for the storage and handling of reactants utilised in the waste recovery process.
- » Fuel storage area with a fuel storage tank (or tanks, as required) of up to 70m³ for the bulk storage of gas (LPG or similar) utilised in the waste recovery process.
- » A security area.
- » Parking lot.
- » Admin and control room including offices and ablutions for staff.

The Zero Waste Recovery Solution triggers the need for following environmental permits:

- » **Environmental Authorisation (EA)** from the National Department of Forestry, Fisheries and the Environment (DFFE), in consultation with the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs, in accordance with the requirements of the National Environmental Management Act (No. 107 of 1998) (NEMA) and Environmental Impact Assessment (EIA) Regulations (GNR 326). An Integrated Application for Environmental Authorisation (EA) is being conducted to consider the waste management licence requirements below.
- » A **Waste Management License (WML)**, from the DFFE for the recovery of waste, as is proposed as part of the Zero Waste Recovery Plant, as well as the construction of the infrastructure for this purpose trigger such activities, in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities (GNR 921).
- » An **Atmospheric Emission License (AEL)**, from the Nkangala District Municipality, in accordance with the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893, specifically subcategory 4:20 – recovery of metallurgical slag.

An Integrated Application for Environmental Authorisation (EA) in terms of the National Environmental Management Act (No. 107 of 1998) (NEMA) and a Waste Management License (WML) in terms of the National Environmental Management: Waste Act (No. 59 of 2009) is being undertaken for the project. A full Scoping and Environmental Impact Assessment (S&EIA) process is required in support of this application process. The S&EIA process will also support the future application for an Atmospheric Emission License (AEL) in terms of the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), for subcategory 4:20 – recovery of metallurgical slag. Savannah Environmental is undertaking the required EIA and public participation process for the project.

AVAILABILITY OF ENVIRONMENTAL IMPACT ASSESSMENT REPORT FOR REVIEW AND COMMENT

As a registered Interested and Affected Party (I&AP), you are hereby notified that the Environmental Impact Assessment Report (EIAR) is available for your review and comment from **Friday, 16 April 2021** until **Tuesday, 18 May 2021**.

In addition, the Atmospheric Impact Report in support of the future AEL application is also being made available for your review and comment during this same period included as **Appendix D** of the EIAr for review and comment.

The restrictions enforced to curb the spread of the COVID-19 virus has placed limitations on making hard copies of the reports available at public places such as libraries and municipal offices. Therefore, the report is available electronically for downloading from our stakeholder engagement platform at <https://savannahsa.com/public-documents/other/waste-recovery-plant/>. As per our approved public participation plan submitted to the DEFF, you can also request that an electronic copy of the EIAr be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the EIAr by **Tuesday, 18 May 2021** via our public participation portal (link provided above) or:

Telephone: 011 656 3237

Mobile: 060 978 8396

Fax: 086 684 0547

Post: PO Box 148, Sunninghill, 2157

E-mail: publicprocess@savannahsa.com

All comments can be addressed to Nicolene Venter of Savannah Environmental at the above-mentioned contact details.

All comments received during the 30-day review and comment period will be recorded and included in the Final EIA Report for submission to the DFFE in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

We have developed a public participation process in line with the requirements of the approved Public Participation Plans for these projects and the relevant Regulations in place to curb the spread of COVID-19. In this regard, virtual meetings will be held as applicable using an appropriate platform. The link to join the virtual meeting will be sent to those I&APs who register their attendance at the meetings. Where possible, face-to-face meetings with stakeholder groupings will be held at suitable COVID-19 compliant venues.

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards,



Nicolene Venter

Public Participation and Social Consultant

E-mail: publicprocess@savannahsa.com

Nicolene Venter

From: Savannah Public Process <publicprocess@savannahsa.com>
Sent: Wednesday, April 14, 2021 5:48 PM
To: Nicolene Venter
Cc: Nicolene Venter
Subject: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment
Attachments: SE2015-Waste_Recovery_Plant_EIAr_Notification-FINAL.pdf

**PROPOSED DEVELOPMENT OF A ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE NEAR KWA-GUQA, MPUMALANGA PROVINCE
(DFFE Reference No.: 14/12/16/3/3/2/401)**

Dear Stakeholder and Interested & Affected Party,

Savannah Environmental (Pty) Ltd, the appointed Environmental Assessment Practitioner (EAP) notified you as a registered interested and affected parties (I&APs), in November 2020 of the availability of the Scoping Report for the above-mentioned project for your review and comments. The final Scoping Report was submitted to the Department of Forestry, Fisheries and the Environment (DFFE) on 08 January 2021.

We would like to take this opportunity to inform you, as registered interested and affected party (I&AP), that the DFFE has accepted the final Scoping Report and approved the Plan of Study for the Environmental Impact Assessment (EIA) in terms of Regulation 22 (a) of the EIA Regulations, 2014, as amended. The letter in this regard was received, on Thursday, 18 February 2021.

This e-mail, and attached notification letter, serves to inform you that the Environmental Impact Assessment Report (EIAr) is available for your review and comment from **Friday, 16 April 2021** until **Tuesday, 18 May 2021**.

The EIAr is available on Savannah Environmental's website [click here](#) as from Friday, 16 April 2021.

Kind regards,

[Unsubscribe this type of email](#)

savannah
environmental

t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015



Format: HTML

Normal

Calibri

Size (CTRL+S)

B

/

U

A

▼

◀

▶

☰

☰

☰

☰

☰

☰

☰

☰

☰

☰

☰

**PROPOSED DEVELOPMENT OF A ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE NEAR KWA-GUQA,
MPUMALANGA PROVINCE
(DFFE Reference No.: 14/12/16/3/3/2/401)**

Dear Stakeholder and Interested & Affected Party,

Savannah Environmental (Pty) Ltd, the appointed Environmental Assessment Practitioner (EAP) notified you as a registered interested and affected parties (I&APs), in November 2020 of the availability of the Scoping Report for the above-mentioned project for your review and comments. The final Scoping Report was submitted to the Department of Forestry, Fisheries and the Environment (DFFE) on 08 January 2021.

We would like to take this opportunity to inform you, as registered interested and affected party (I&AP), that the DFFE has accepted the final Scoping Report and approved the Plan of Study for the Environmental Impact Assessment (EIA) in terms of Regulation 22 (a) of the EIA Regulations, 2014, as amended. The letter in this regard was received, on Thursday, 18 February 2021.

This e-mail, and attached notification letter, serves to inform you that the Environmental Impact Assessment Report (EIAr) is available for your review and comment from **Friday, 16 April 2021** until **Tuesday, 18 May 2021**.

The EIAr is available on Savannah Environmental's website [click here](#) as from **Friday, 16 April 2021**.

Design

HTML

Preview

HELP

SAVE

CLOSE

[Print](#)

SE2015: Highveld Steel EIAr Notification (Proof of email)

Date: 14 April
2021
Time: 06:12
PM

Company	Last Name	First Name
	Mahlangu	Aron
	Mahlangu	P
	Masilela (Best George)	B
	Mgobane	S
	Mhungela	B
	Nyangula	E
AFROX	Ngakane	David
Agri SA	Rabie	Janse
AgriSA	Van der Merwe	Hans
Brokker (Pty) Ltd	Du Randt	Leona
Brokker (Pty) Ltd	Jevon	Cezanne
Brokker (Pty) Ltd	Pistorius	Leo
Centre for Environmental Rights	Koyama	Michelle
Centre for Environmental Rights	Lesele	Khumo
Centre for Environmental Rights	Lloyd	Timothy
Centre for Environmental Rights	Loser	Nicole
Centre for Environmental Rights	Sefatso	Dimakatso
Centre for Environmental Rights NPC	Hugo	Robyn
Co-operative Governance & Traditional Affairs	Mathebula	Ntombifuthi
Co-operative Governance and Traditional Affairs	Loock	Marius
Co-operative Governance and Traditional Affairs	Mashabela	Frans
Co-operative Governance and Traditional Affairs	Khuthula	D
DARDLEA - EIA	Dineo	Dineo
DARDLEA - EIA	Govender	Marcini
DARDLEA - EIA	Mhlangu	Lucas
DARDLEA - Waste	Mthimunye	Charity
Department of Agriculture, Forestry and Fisheries	Muhlope	Mpo
Department of	Venter	Jan

Education		
Department of Agriculture, Forestry and Fisheries	Buthelezi	Thoko
Department of Agriculture, Forestry and Fisheries	Marubini	Mashudu
Department of Agriculture, Forestry and Fisheries	Mnguni	MS
Department of Agriculture, Forestry and Fisheries	Okwetu	Qfakude
Department of Agriculture, Forestry and Fisheries	Tsikwatamba	Maria
Department of Education	Mandlazi	Vusumuzi
Department of Education	Mokwane	Ellias
Department of Forestry, Fisheries and the Environment	Baloyi	Obed
Department of Forestry, Fisheries and the Environment	Khumalo	Thulie N
Department of Forestry, Fisheries and the Environment	Lekota	Seoka
Department of Forestry, Fisheries and the Environment	Lydia	Alade
Department of Forestry, Fisheries and the Environment	Moloto	Mmadi
Department of Forestry, Fisheries and the Environment	Ngcobo	Mthobisi
Department of Health	Stydom	Bert
Department of Mineral Resources	Mabule	A
Department of Mineral Resources	Mojapelo	John
Department of Mineral Resources	Tshivhandekano	Aubrey
Department of Public Works, Roads and Transport	Mojapelo	MJ
Department of Rural Development and Land Reform	Mkhonto	Themba
Department of Rural Development and Land Reform	Stolz	Annette
Department of Social Development	Phillip	Hine
Department of Water and Sanitation	Ackerman	Pieter
Department of Water and Sanitation	Guma	Fikile

Department of Water and Sanitation	Lubambo	Musa
Department of Water and Sanitation	Macevele	Stanford
Department of Water and Sanitation	Maganyane	Peter
Department of Water and Sanitation	Mamba	Xoli
Department of Water and Sanitation	Mandlazi	Nompumelelo
Department of Water and Sanitation	Mnguni	Betty
Department of Water and Sanitation	Moloto	Gloria
Department of Water and Sanitation	Mulaudzi	Masala
Department of Water and Sanitation	Ndlhovu	Tshilidzi
Department of Water and Sanitation	Nompumelelo	Mandlazi
Department of Water and Sanitation	Rambuda	A
Distrikslandbou Unie Middelburg	Schmahl, JPJ	
eMalahleni Local Municipality	Brentjies	B.C
eMalahleni Local Municipality	Buthelezi	Thabane
eMalahleni Local Municipality	Kadi	T
eMalahleni Local Municipality	Makedama	Velile
eMalahleni Local Municipality	Makena	M.J
eMalahleni Local Municipality	Malatjie	L.M
eMalahleni Local Municipality	Mbokane	T.T
eMalahleni Local Municipality	Mokoena	R.M
eMalahleni Local Municipality	Nkabinde	Erald
eMalahleni Local Municipality	Sedupane	M.E
eMalahleni Local Municipality	Shongwe	M.E
eMalahleni Local Municipality	Sikhosana	J
eMalahleni Local Municipality	Swan	G
eMalahleni Public Library (Witbank)	Rozmiarek	Johanette
Eskom - Mpumalanga Land & Rights/Distribution	Ludere	Tshifiwa
Eskom Holdings SOC Ltd	Geeringh	John
ESKOM Land Management	Galela	Noxolo

ESKOM Transmission	Motsisi	Lungile
Federation for a Sustainable Environment	Liefferink	Mariette
Highveld Industrial Park	Oberholzer	Thia
Highveld Industrial Park	Rudolph	Raphael
Highveld Industrial Park (Landowners) - Legal Representative	de Souza	Andrea
KwaGugu Library (Witbank)	Mabuza	Renny
MPG	Mathabula	N
Mpumalanga Agriculture Manager	Laas	Hennie
Mpumalanga Provincial Heritage Resources Authority (MPHRA)	Moduka	Benjamin
Nkangala District Municipality	Mahlangu	Vusi
Nkangala District Municipality	Makola	TC
Nkangala District Municipality	Mashilo	Sk
Nkangala District Municipality	Masilela	Thembi
Nkangala District Municipality	Mohonod	Rose
Nkangala District Municipality	Nembilwi	Mpho
Nkangala District Municipality	Nkosi	Naume
Nkangala District Municipality	Ntuli	April
Nkangala District Municipality	Skosana	Margaret
Nkangala District Municipality	Tshabalala	E
SAHRA	Sibayi	Dumisani
SANRAL	Barkuizen	Ria
SANRAL	Botha	Victoria
SANRAL	Olivier	Jan
SANRAL	Sibanyoni	Agriba
SANRAL	Van Eyk	O
Smith Boerdery	Smith	Gert
South African Heritage Resources Agency (SAHRA)	Khumalo	Nokukhanya
South African Weather Services	Mofokeng	Puseletso
Telkom SOC Ltd	Smit	Johan
Transalloys	Monyemoratho	Ephraim
Transnet SOC Ltd	Hadebe	Thami
Transvaalse Landbou Unie	Du Plessis	Danie

Totals:

Correspondence

Nicolene Venter

From: AgriSA
Sent: Thursday, April 15, 2021 7:37 AM
To: Savannah Public Process
Subject: RE: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

Good morning

Please send all notices of this kind to Agri SA's head of natural resources, Janse Rabie – janse@agrisa.co.za

Kind regards

From: Savannah Public Process <publicprocess@savannahsa.com>
Sent: Wednesday, 14 April 2021 17:54
To: AgriSA
Subject: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

**PROPOSED DEVELOPMENT OF A ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE NEAR KWA-GUQA, MPUMALANGA PROVINCE
(DFFE Reference No.: 14/12/16/3/3/2/401)**

Dear Stakeholder and Interested & Affected Party,

Savannah Environmental (Pty) Ltd, the appointed Environmental Assessment Practitioner (EAP) notified you as a registered interested and affected parties (I&APs), in November 2020 of the availability of the Scoping Report for the above-mentioned project for your review and comments. The final Scoping Report was submitted to the Department of Forestry, Fisheries and the Environment (DFFE) on 08 January 2021.

We would like to take this opportunity to inform you, as registered interested and affected party (I&AP), that the DFFE has accepted the final Scoping Report and approved the Plan of Study for the Environmental Impact Assessment (EIA) in terms of Regulation 22 (a) of the EIA Regulations, 2014, as amended. The letter in this regard was received, on Thursday, 18 February 2021.

This e-mail, and attached notification letter, serves to inform you that the Environmental Impact Assessment Report (EIAR) is available for your review and comment from **Friday, 16 April 2021** until **Tuesday, 18 May 2021**.

The EIAR is available on Savannah Environmental's website [click here](#) as from Friday, 16 April 2021.

Kind regards,

[Unsubscribe this type of email](#)

savannah
environmental

t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

Nicolene Venter

From: Jurie Snyman
Sent: Thursday, April 15, 2021 2:21 PM
To: 'Cezanne Jevon'; Savannah Public Process
Subject: RE: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

Hi Nicole,

Can you please make all documentation available for review over dropbox.

Thanks

From: Cezanne Jevon
Sent: Thursday, 15 April 2021 12:10
To: Jurie Snyman
Subject: FW: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

Hello!

FYI.

Groete,



CEZANNE JEVON

From: Savannah Public Process <publicprocess@savannahsa.com>
Sent: Wednesday, 14 April 2021 17:54
To: Cezanne Jevon
Subject: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

**PROPOSED DEVELOPMENT OF A ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE NEAR KWA-GUQA, MPUMALANGA PROVINCE
(DFFE Reference No.: 14/12/16/3/3/2/401)**

Dear Stakeholder and Interested & Affected Party,

Savannah Environmental (Pty) Ltd, the appointed Environmental Assessment Practitioner (EAP) notified you as a registered interested and affected parties (I&APs), in November 2020 of the availability of the Scoping Report for the above-mentioned project for your review and comments. The final Scoping Report was submitted to the Department of Forestry, Fisheries and the Environment (DFFE) on 08 January 2021.

We would like to take this opportunity to inform you, as registered interested and affected party (I&AP), that the DFFE has accepted the final Scoping Report and approved the Plan of Study for the Environmental Impact Assessment (EIA) in terms of Regulation 22 (a) of the EIA Regulations, 2014, as amended. The letter in this regard was received, on Thursday, 18 February 2021.

This e-mail, and attached notification letter, serves to inform you that the Environmental Impact Assessment Report (EIAR) is available for your review and comment from **Friday, 16 April 2021** until **Tuesday, 18 May 2021**.

The EIAR is available on Savannah Environmental's website [click here](#) as from Friday, 16 April 2021.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Savannah Public Process

From: Savannah Public Process
Sent: Friday, April 16, 2021 4:23 PM
To: 'Jurie Snyman'; 'Cezanne Jevon'
Subject: RE: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): EIAr via WeTransfer
Attachments: Your files were sent successfully to jurie@rational.eco

Hi Cezanne,

As per my e-mail below, the Report and Appendices have been send via WeTransfer.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Process

e: Publicprocess@savannahsa.com
c: +27 (0)60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

From: Savannah Public Process
Sent: Thursday, April 15, 2021 2:39 PM
To: Jurie Snyman 'Cezanne Jevon'
Subject: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): EIAr via WeTransfer

Hi Cezanne,

Will send through the report via WeTransfer tomorrow morning.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Process

e: Publicprocess@savannahsa.com
c: +27 (0)60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

From: Jurie Snyman
Sent: Thursday, April 15, 2021 2:21 PM
To: 'Cezanne Jevon' _____ Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.:

14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

Hi Nicole,

Can you please make all documentation available for review over dropbox.

Thanks

From: Cezanne Jevon ·

Sent: Thursday, 15 April 2021 12:10

To: Jurie Snyman ·

Subject: FW: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

Hello!

FYI.

Groete,



CEZANNE JEVON

From: Savannah Public Process <publicprocess@savannahsa.com>

Sent: Wednesday, 14 April 2021 17:54

To: Cezanne Jevon <cezannej@broadband.gov.za>

Subject: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

**PROPOSED DEVELOPMENT OF A ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE NEAR KWA-GUQA, MPUMALANGA PROVINCE
(DFFE Reference No.: 14/12/16/3/3/2/401)**

Dear Stakeholder and Interested & Affected Party,

Savannah Environmental (Pty) Ltd, the appointed Environmental Assessment Practitioner (EAP) notified you as a registered interested and affected parties (I&APs), in November 2020 of the availability of the Scoping Report for the above-mentioned project for your review and comments. The final Scoping Report was submitted to the Department of Forestry, Fisheries and the Environment (DFFE) on 08 January 2021.

We would like to take this opportunity to inform you, as registered interested and affected party (I&AP), that the DFFE has accepted the final Scoping Report and approved the Plan of Study for the Environmental Impact

Assessment (EIA) in terms of Regulation 22 (a) of the EIA Regulations, 2014, as amended. The letter in this regard was received, on Thursday, 18 February 2021.

This e-mail, and attached notification letter, serves to inform you that the Environmental Impact Assessment Report (EIAR) is available for your review and comment from **Friday, 16 April 2021** until **Tuesday, 18 May 2021**.

The EIAR is available on Savannah Environmental's website [click here](#) as from Friday, 16 April 2021.

Kind regards,

[Unsubscribe this type of email](#)

savannah
environmental

t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

[SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015](#)

Savannah Public Process

From: Savannah Public Process
Sent: Friday, April 16, 2021 4:23 PM
To: 'Jurie Snyman'; 'Cezanne Jevon'
Subject: RE: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): EIAr via WeTransfer
Attachments: Your files were sent successfully to jurie@rational.eco

Hi Cezanne,

As per my e-mail below, the Report and Appendices have been send via WeTransfer.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Process

e: Publicprocess@savannahsa.com
c: +27 (0)60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

From: Savannah Public Process
Sent: Thursday, April 15, 2021 2:39 PM
To: Jurie Snyman ; 'Cezanne Jevon'
Subject: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): EIAr via WeTransfer

Hi Cezanne,

Will send through the report via WeTransfer tomorrow morning.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter
Public Process

e: Publicprocess@savannahsa.com
c: +27 (0)60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

From: Jurie Snyman · [_____](#)
Sent: Thursday, April 15, 2021 2:21 PM
To: 'Cezanne Jevon' Savannah Public Process <publicprocess@savannahsa.com>
Subject: RE: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.:

14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

Hi Nicole,

Can you please make all documentation available for review over dropbox.

Thanks

From: Cezanne Jevon

Sent: Thursday, 15 April 2021 12:10

To: Jurie Snyman ·

Subject: FW: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

Hello!

FYI.

Groete,



CEZANNE JEVON

From: Savannah Public Process <publicprocess@savannahsa.com>

Sent: Wednesday, 14 April 2021 17:54

To: Cezanne Jevon ·

Subject: ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE (DFFE Ref.No.: 14/12/16/3/3/2/401): Notification of Availability of Environmental Impact Assessment Report for review and comment

**PROPOSED DEVELOPMENT OF A ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE NEAR KWA-GUQA, MPUMALANGA PROVINCE
(DFFE Reference No.: 14/12/16/3/3/2/401)**

Dear Stakeholder and Interested & Affected Party,

Savannah Environmental (Pty) Ltd, the appointed Environmental Assessment Practitioner (EAP) notified you as a registered interested and affected parties (I&APs), in November 2020 of the availability of the Scoping Report for the above-mentioned project for your review and comments. The final Scoping Report was submitted to the Department of Forestry, Fisheries and the Environment (DFFE) on 08 January 2021.

We would like to take this opportunity to inform you, as registered interested and affected party (I&AP), that the DFFE has accepted the final Scoping Report and approved the Plan of Study for the Environmental Impact

Assessment (EIA) in terms of Regulation 22 (a) of the EIA Regulations, 2014, as amended. The letter in this regard was received, on Thursday, 18 February 2021.

This e-mail, and attached notification letter, serves to inform you that the Environmental Impact Assessment Report (EIAR) is available for your review and comment from **Friday, 16 April 2021** until **Tuesday, 18 May 2021**.

The EIAR is available on Savannah Environmental's website [click here](#) as from Friday, 16 April 2021.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Nicolene Venter

From: Nicolene Venter
Sent: Friday, April 30, 2021 7:06 AM
To: Cezanne Jevon
Cc: Jurie Snyman
Subject: RE: ZERO WASTE RECOVERY PLANT DFFE Ref.No.: 14/12/16/3/3/2/401): Key Stakeholder Workshop

Hi Cezanne,

No problem, will do.

Cezanne, I would like to recommend that we arrange a focus group meeting with you and other landowners as it is believed that your focus, issues and concerns would be different from that of government officials.

But, it will be good to attend the key stakeholder workshop as it will give you and Jurie a good overview of what the inputs from other stakeholders are.

Looking forward to hear from you.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation & Social
Consultant

e: nicolene@savannahsa.com
c: +27 (0) 83 377 9112

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

From: Cezanne Jevon
Sent: Thursday, April 29, 2021 7:30 PM
To: Nicolene Venter <nicolene@savannahsa.com>
Cc: Jurie Snyman
Subject: RE: ZERO WASTE RECOVERY PLANT DFFE Ref.No.: 14/12/16/3/3/2/401): Key Stakeholder Workshop

Hi Nicolene,

Please include Jurie our environmental specialist.

Kind regards,



CEZANNE JEVON

-----Original Appointment-----

From: Nicolene Venter <nicolene@savannahsa.com>

Sent: Thursday, 29 April 2021 12:21

To: Mmakoena Mmola; Jo-Anne Thomas; Shandr  van der Merwe

Subject: ZERO WASTE RECOVERY PLANT DFFE Ref.No.: 14/12/16/3/3/2/401): Key Stakeholder Workshop

When: Thursday, 06 May 2021 14:00-16:30 (UTC+02:00) Harare, Pretoria.

Where: Microsoft Teams Meeting

**PROPOSED DEVELOPMENT OF A ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE NEAR KWA-GUQA, MPUMALANGA PROVINCE
(DFFE Reference No.: 14/12/16/3/3/2/401)**

Mr Malele Riba
Environmental Management and Compliance Officer
Environmental and Waste Management
Environmental Management
eMalahleni Local Municipality

Confirmation of Focus Group Meeting: Wednesday, 05 May 2021

The proponent, Anglo African Metals (Pty) Ltd (the South African registered company of Fodere Titanium), has developed a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials. The process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed by the proponent is also demonstrated to extract aluminium as aluminium oxide (Al_2O_3), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum ($CaSO_4$). The project is known as the Zero Waste Recovery Plant.

The Zero Waste Recovery Plant is proposed to be located on the Remaining Extent of the Farm Highveld Industrial Park Number 1230 JS, approximately 17 km west of eMalahleni town in the eMalahleni Local Municipality (LM) within the Nkangala District Municipality (DM) in Mpumalanga. The development area is approximately 4 ha in extent and is contained within the EVRAZ Highveld Steel and Vanadium (Highveld) property. The site is accessible directly off the R104, from the N4 turnoff near Kwa-Guqa informal settlement.

We would like to take this opportunity of inviting you, as an Organ of State and/or Key Stakeholder, to attend the online Key Stakeholder Workshop taking place on:

DATE: Thursday, 06 May 2021

TIME: 14h00

VIRTUAL PLATFORM: Microsoft TEAMS

The purpose of the Key Stakeholder Workshop is to present the following:

- brief background to the proposed project;

- an overview of the Environmental Impact Assessment Process followed;
- a summary of the key environmental findings as documented in the Environmental Impact Assessment Report; and
- an opportunity to seek clarity and raise comments and/or concerns; and
- to record comments raised at the FGM

You are most welcome to [extend this invitation](#) to a Colleague who you believes need to be informed and part of the public participation process to attend the meeting or should you not be available to attend.

We encourage your participation in the EIA and Public Participation Process. We would like to thank you in anticipation for your active and meaningful contribution to the EIA processes.

We look forward to meeting you and we are positive for a fruitful Key Stakeholder Workshop.

Availability of the Environmental Impact Assessment Report

Just a friendly reminder that the Environmental Impact Assessment Report was made available for your and the Officials' review and comment from **Friday, 16 April 2021** and the comment period ends on **Tuesday, 18 May 2021**.

Please do not hesitate to contact me on (011) 656 3237 / 3256 should you require any additional information.

Kind regards,



t: +27 (0)11 656 3237
f: +27 (0) 86 684 0547

Nicolene Venter

Public Participation & Social
Consultant

e: nicolene@savannahsa.com
c: +27 (0) 83 377 9112

SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015

Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

[Learn More](#) | [Meeting options](#)

Nicolene Venter

From: Nicolene Venter
Sent: Thursday, May 6, 2021 12:10 PM
To: Reg Jager
Subject: RE: ZERO WASTE RECOVERY PLANT DFFE Ref.No.: 14/12/16/3/3/2/401): Key Stakeholder Workshop

Hi Reg – just to confirm that I will call you at 13h00 as requested.

Kind regards,
Nicolene Venter
Savannah Environmental

From: Reg Jager
Sent: Thursday, May 6, 2021 11:59 AM
To: Nicolene Venter <nicolene@savannahsa.com>
Subject: Re: ZERO WASTE RECOVERY PLANT DFFE Ref.No.: 14/12/16/3/3/2/401): Key Stakeholder Workshop

Please call me on 0825518412

Sent from my iPhone

> On 06 May 2021, at 11:19, Nicolene Venter <nicolene@savannahsa.com> wrote:

>

> When: Thursday, 06 May 2021 14:00-15:30 (UTC+02:00) Harare, Pretoria.

>

<

> *****

>

> -----Original Appointment-----

> From: Nicolene Venter

> Sent: Thursday, 06 May 2021 10:50

> To: Nicolene Venter; Mmakoena Mmola; Jo-Anne Thomas; Shandré van der Merwe; Gideon Raath

> Cc: Roets Wietsche

> Subject: ZERO WASTE RECOVERY PLANT DFFE Ref.No.: 14/12/16/3/3/2/401): Key Stakeholder Workshop

> When: Thursday, 06 May 2021 14:00-15:30 (UTC+02:00) Harare, Pretoria.

>

> PROPOSED DEVELOPMENT OF A ZERO WASTE RECOVERY PLANT AND ASSOCIATED INFRASTRUCTURE NEAR KWA-GUQA, MPUMALANGA PROVINCE

> (DFFE Reference No.: 14/12/16/3/3/2/401)

>

>

>

> Dear Stakeholders,

>

>

>

> The proponent, Anglo African Metals (Pty) Ltd (the South African registered company of Fodere Titanium), has developed a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials. The process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed by the proponent is also demonstrated to extract aluminium as aluminium oxide (Al₂O₃), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum (CaSO₄). The project is known as the Zero Waste Recovery Plant.

>

>

>

> The Zero Waste Recovery Plant is proposed to be located on the Remaining Extent of the Farm Highveld Industrial Park Number 1230 JS, approximately 17 km west of eMalahleni town in the eMalahleni Local Municipality (LM) within the Nkangala District Municipality (DM) in Mpumalanga. The development area is approximately 4 ha in extent and is contained within the EVRAZ Highveld Steel and Vanadium (Highveld) property. The site is accessible directly off the R104, from the N4 turnoff near Kwa-Guqa informal settlement.

>

>

>

> We would like to take this opportunity of inviting you, as an Organ of State and/or Key Stakeholder, to attend the online Key Stakeholder Workshop taking place on:

>

> DATE: Thursday, 06 May 2021

>

> TIME: 14h00

>

> VIRTUAL PLATFORM: Microsoft TEAMS

>

>

>

> The purpose of the Key Stakeholder Workshop is to present the following:

>

> * brief background to the proposed project;

> * an overview of the Environmental Impact Assessment Process followed;

> * a summary of the key environmental findings as documented in the Environmental Impact Assessment Report; and

> * an opportunity to seek clarity and raise comments and/or concerns; and

> * to record comments raised at the FGM

>

>

>

> You are most welcome to extend this invitation to a Colleague who you believes need to be informed and part of the public participation process to attend the meeting or should you not be available to attend.

>

>

>

> We encourage your participation in the EIA and Public Participation Process. We would like to thank you in anticipation for your active and meaningful contribution to the EIA processes.

>

>

>

> We look forward to meeting you and we are positive for a fruitful Key Stakeholder Workshop.

>

>

>
> Availability of the Environmental Impact Assessment Report
>
>
>
> Just a friendly reminder that the Environmental Impact Assessment Report was made available for your and the Officials' review and comment from Friday, 16 April 2021 and the comment period ends on Tuesday, 18 May 2021.
>
>
>
> Please do not hesitate to contact me on (011) 656 3237 / 3256 should you require any additional information.
>
>
>
> Kind regards,
>
>
>
>
>
>
>
>
> Nicolene Venter
> Public Participation & Social Consultant
>
> t: +27 (0)11 656 3237
> f: +27 (0) 86 684 0547
>
> e: nicolene@savannahsa.com<<mailto:nicolene@savannahsa.com>>
> c: +27 (0) 83 377 9112
>
>
>
>
>
>
>
> SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015
>
>
>
>
>

>
> Microsoft Teams meeting
>
> Join on your computer or mobile app
>
> Click here to join the meeting<https://teams.microsoft.com/l/meetup-join/19:meeting_MDBjYzBIYTctZDQ1ZS00OGFILWJiMTktNmY2OGIzYzE4Y2VI@thread.v2/0?context=%7b%22Tid%22%3a%223f94ddc2-26cc-46da-9760-258ca8a68ac5%22%2c%22Oid%22%3a%2228b4edf2-daff-4fcb-9599-e9e415999457%22%7d>
>
> Learn More<<https://aka.ms/JoinTeamsMeeting>> | Meeting options<https://teams.microsoft.com/meetingOptions/?organizerId=28b4edf2-daff-4fcb-9599-e9e415999457&tenantId=3f94ddc2-26cc-46da-9760-258ca8a68ac5&threadId=19_meeting_MDBjYzBIYTctZDQ1ZS00OGFILWJiMTktNmY2OGIzYzE4Y2VI@thread.v2&messageId=0&language=en-US>
>

> _____
>
>
>
>
> <<...>> <<...>>

SCOPING PHASE

Interested and Affected Parties (I&APs)

12 November 2020

Dear Stakeholder and Interested & Affected Party,

DEVELOPMENT OF A WASTE RECOVERY PLANT AT HIGHVELD STEEL NEAR WITBANK, MPUMALANGA PROVINCE

NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND AVAILABILITY OF SCOPING REPORT FOR REVIEW AND COMMENT

Anglo African Metals (Pty) Ltd is proposing the development a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials which process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed will also extract aluminium as aluminium oxide (Al_2O_3), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum ($CaSO_4$).

A suitable tailings/slag resource which can be processed using their developed technology has been identified at the EVRAZ Highveld Steel and Vanadium site located between Balmoral and eMalahleni in Mpumalanga Province. The waste recovery plant is proposed to be located on Portion 48 of Farm Elandsfontein 309 JS. The development area is approximately 4ha in extent and is contained within the EVRAZ Highveld Steel and Vanadium property. The site is accessible directly off the R104, from the N4 turnoff near Kwa-Guqa informal settlement.

The main infrastructure associated with the facility includes the following:

- » Chemical plant area, where all process chemicals including acid are produced, stored and handled as required by the waste recovery process.
- » Substation and plant utility unit as interface and controlling unit for the electricity utilised by the plant during operation.
- » Slag stockpile.
- » Crushing plant.
- » Mill.
- » Product area for storage of the various products produced through the recovery process.
- » Reagent area, for the storage and handling of reactants utilised in the waste recovery process.
- » A security area.
- » Parking lot.
- » Admin and control room including offices and ablutions for staff.

The plant will be developed to process 2000 tonnes of tailings/slag per month, approximately 3 tons per day and will be primarily fuelled by Liquefied Petroleum Gas (LPG) and Sasol gas brought into site by dedicated transport truck deliveries.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

The Zero Waste Recovery Solution triggers the need for following environmental permits:

- » **Environmental Authorisation (EA)** from the National Department of Environment, Forestry and Fisheries (DEFF), in consultation with the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs, in accordance with the requirements of the National Environmental Management Act (No. 107 of 1998) (NEMA) and Environmental Impact Assessment (EIA) Regulations (GNR 326).
- » A **Waste Management License (WML)**, from the DEFF for the recovery of waste, as is proposed as part of the Zero Waste Recovery Solution, as well as the construction of the infrastructure for this purpose trigger such activities, in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities (GNR 921).
- » An **Atmospheric Emission License (AEL)**, from the Nkangala District Municipality, in accordance with the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893.

Anglo African Metals (Pty) Ltd (the South African registered company of Fodere Titanium) appointed Savannah Environmental as the independent environmental consulting company in accordance with NEMA and Regulations 21 to 24 of the 2014 EIA Regulations (GNR 326) in support of an integrated application for Environmental Authorisation (EA) and a Waste Management License (WML). The S&EIA process will also support the future application for an Atmospheric Emission License (AEL).

As part of the environmental studies, Interested and Affected Parties (I&APs) will be actively involved through the public involvement process being undertaken by Savannah Environmental. You and/or the organisation, which you represent, has been identified as an I&AP for the proposed projects as described above. A Background Information Document (BID), which provides further information on the EIA process as well as the nature and extent of the proposed Waste Recovery Plant, is attached to this letter and is also available for download from the Savannah Environmental stakeholder engagement platform at <https://www.savannahsa.com/public-documents/other/>.

PUBLIC INVOLVEMENT PROCESS

The public participation (PP) process will be undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed project is made available to potential stakeholders and I&APs
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed project; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the EIA process.

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement and gathering of people to curb the spread of the COVID-19 virus has placed some limitations on how public consultation can be conducted as part of a BA process. The consultation process for this project has been designed considering these limitations, and the implementation is in line with our public participation plan (PP Plan), as approved by the DEFF. One of our approved consultation methods is for you to visit our online stakeholder engagement platform, register your interest in the project/s, and view project documentation on our stakeholder engagement platform as per the link provided above.

Where I&APs do not have the applicable facilities or access to internet, provision has been made to include these I&APs in the consultation process through direct consultation or by consulting with the Ward Councillor, the ward committee members, community representatives and local community forum members.

AVAILABILITY OF SCOPING REPORT FOR REVIEW AND COMMENT

As an Interested and Affected Party (I&AP), you are hereby notified that the Scoping Report (SR) is available for your review and comment from **Friday, 13 November 2020** until **Monday, 14 December 2020**.

The restrictions enforced to curb the spread of the COVID-19 virus has placed limitations on making hard copies of the Scoping Report available at public places such as libraries and municipal offices. Therefore, the report is available electronically for downloading from our stakeholder engagement platform at <https://www.savannahsa.com/public-documents/other/>. As per our approved public participation plan submitted to the DEFF, you can also request that an electronic copy of the Scoping Report be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the Scoping Report by **Monday, 14 December 2020** via our public participation portal (link provided above) or:

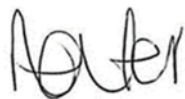
Telephone: 011 656 3237
Mobile: 060 978 8396
Fax: 086 684 0547
Post: PO Box 148, Sunninghill, 2157
E-mail: publicprocess@savannahsa.com

All comments can be addressed to Nicolene Venter or Ronald Baloyi of Savannah Environmental at the above-mentioned contact details.

All comments received during the 30-day review and comment period will be recorded and included in the Final Scoping Report for submission to the DEFF in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards



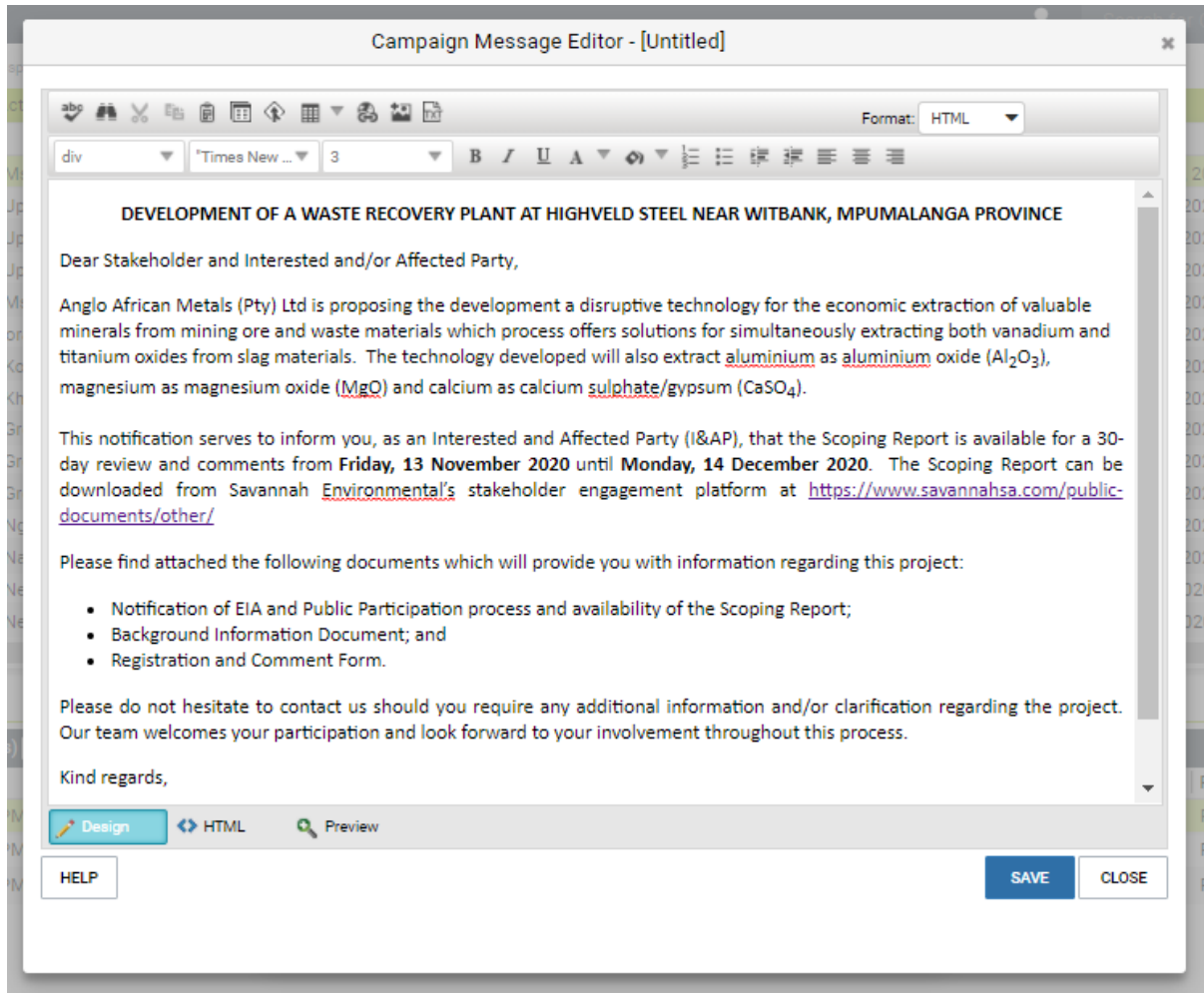
Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

Documents attached: Background Information Document
Registration and Comment Form

Proof of email - WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment



[Print](#)

Proof of rmail - WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment

Date: Friday,
November 13,
2020
Time: 12:42
PM

Company	Last Name	First Name	
	Mahlangu	Aron	
	Mahlangu	P	
	Makuse	T	
	Masilela (Best George)	B	
	Mgobane	S	
	Mhungela	B	
	Ngomane	S	
	Nyangula	E	
Anker Coal and Mineral Holdings	Kruger	Sonita	
Consultancy that manages the Highveld Industrial Park Community Forum.	Rudolph	Raphael	
Federation for a Sustainable Environment	Liefferink	Mariette	
Highveld Industrial Park (Landowners) - Legal Representative	de Souza	Andrea	
Smith Boerdery	Smith	Gert	
Transalloys	Monyemoratho	Ephraim	
Transvaalse Landbou Unie	Du Plessis	Danie	
Vanchem Vanadium Products	Ngobeni	Mbavhi	

Totals:

KEY STAKEHOLDERS

13 November 2020

Dear Stakeholder,

**DEVELOPMENT OF A WASTE RECOVERY PLANT AT EVRAZ HIGHVELD STEEL AND VANADIUM NEAR WITBANK,
MPUMALANGA PROVINCE**

**NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND AVAILABILITY OF SCOPING REPORT FOR
REVIEW AND COMMENT**

Anglo African Metals (Pty) Ltd is proposing the development a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials which process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed will also extract aluminium as aluminium oxide (Al_2O_3), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum ($CaSO_4$).

A suitable tailings/slag resource which can be processed using their developed technology has been identified at the EVRAZ Highveld Steel and Vanadium site located between Balmoral and eMalahleni in Mpumalanga Province. The waste recovery plant is proposed to be located on Portion 48 of Farm Elandsfontein 309 JS. The development area is approximately 4ha in extent and is contained within the EVRAZ Highveld Steel and Vanadium property. The site is accessible directly off the R104, from the N4 turnoff near Kwa-Guqa informal settlement.

The main infrastructure associated with the facility includes the following:

- » Chemical plant area, where all process chemicals including acid are produced, stored and handled as required by the waste recovery process.
- » Substation and plant utility unit as interface and controlling unit for the electricity utilised by the plant during operation.
- » Slag stockpile.
- » Crushing plant.
- » Mill.
- » Product area for storage of the various products produced through the recovery process.
- » Reagent area, for the storage and handling of reactants utilised in the waste recovery process.
- » A security area.
- » Parking lot.
- » Admin and control room including offices and ablutions for staff.

The plant will be developed to process 2000 tonnes of tailings/slag per month, approximately 3 tons per day and will be primarily fuelled by Liquefied Petroleum Gas (LPG) and Sasol gas brought into site by dedicated transport truck deliveries.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

The Zero Waste Recovery Solution triggers the need for following environmental permits:

- » **Environmental Authorisation (EA)** from the National Department of Environment, Forestry and Fisheries (DEFF), in consultation with the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs, in accordance with the requirements of the National Environmental Management Act (No. 107 of 1998) (NEMA) and Environmental Impact Assessment (EIA) Regulations (GNR 326).
- » A **Waste Management License (WML)**, from the DEFF for the recovery of waste, as is proposed as part of the Zero Waste Recovery Solution, as well as the construction of the infrastructure for this purpose trigger such activities, in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities (GNR 921).
- » An **Atmospheric Emission License (AEL)**, from the Nkangala District Municipality, in accordance with the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893.

Anglo African Metals (Pty) Ltd (the South African registered company of Fodere Titanium) appointed Savannah Environmental as the independent environmental consulting company in accordance with NEMA and Regulations 21 to 24 of the 2014 EIA Regulations (GNR 326) in support of an integrated application for Environmental Authorisation (EA) and a Waste Management License (WML). The S&EIA process will also support the future application for an Atmospheric Emission License (AEL).

Your Company / Organisation has been identified as a key stakeholder and this letter serves to inform you as representative of your Company / Organisation, in writing, of the above-mentioned proposed project and formally request your Company / Organisation written comments on the Scoping Report within 30 days of this notice.

The Scoping Report can be download from the Savannah Environmental stakeholder engagement platform on <https://www.savannahsa.com/public-documents/other/waste-recovery-plant/> (using release code **tgh7NN**) or can be made available via an alternative electronic platform of your preference (e.g. Dropbox or WeTransfer).

PUBLIC INVOLVEMENT PROCESS

The public participation (PP) process is being undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed project is made available to potential stakeholders and I&APs
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed project; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the EIA process.

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement and gathering of people to curb the spread of the COVID-19 virus has placed some limitations on how public consultation can be conducted as part of a EIA process. The consultation process for this project has been designed considering these limitations, and the implementation is in line with our public participation plan (PP Plan), as approved

by the DEFF. One of our approved consultation methods is for you to visit our online stakeholder engagement platform, register your interest in the project/s, and view project documentation on our stakeholder engagement platform as per the link provided above.

Where I&APs do not have the applicable facilities or access to internet, provision has been made to include these I&APs in the consultation process through direct consultation or by consulting with the Ward Councillor, the ward committee members, community representatives and local community forum members.

AVAILABILITY OF SCOPING REPORT FOR REVIEW AND COMMENT

As an Interested and Affected Party (I&AP), you are hereby notified that the Scoping Report (SR) is available for your review and comment from **Friday, 13 November 2020** until **Monday, 14 December 2020**.

The restrictions enforced to curb the spread of the COVID-19 virus has placed limitations on making hard copies of the Scoping Report available at public places such as libraries and municipal offices. Therefore, the report is available electronically for downloading from our stakeholder engagement platform at <https://www.savannahsa.com/public-documents/other/>. As per our approved public participation plan submitted to the DEFF, you can also request that an electronic copy of the Scoping Report be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the Scoping Report by **Monday, 14 December 2020** via our public participation portal (link provided above) or:

Telephone: 011 656 3237
Mobile: 060 978 8396
Fax: 086 684 0547
Post: PO Box 148, Sunninghill, 2157
E-mail: publicprocess@savannahsa.com

All comments can be addressed to Nicolene Venter or Ronald Baloyi of Savannah Environmental at the above-mentioned contact details.

All comments received during the 30-day review and comment period will be recorded and included in the Final Scoping Report for submission to the DEFF in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards



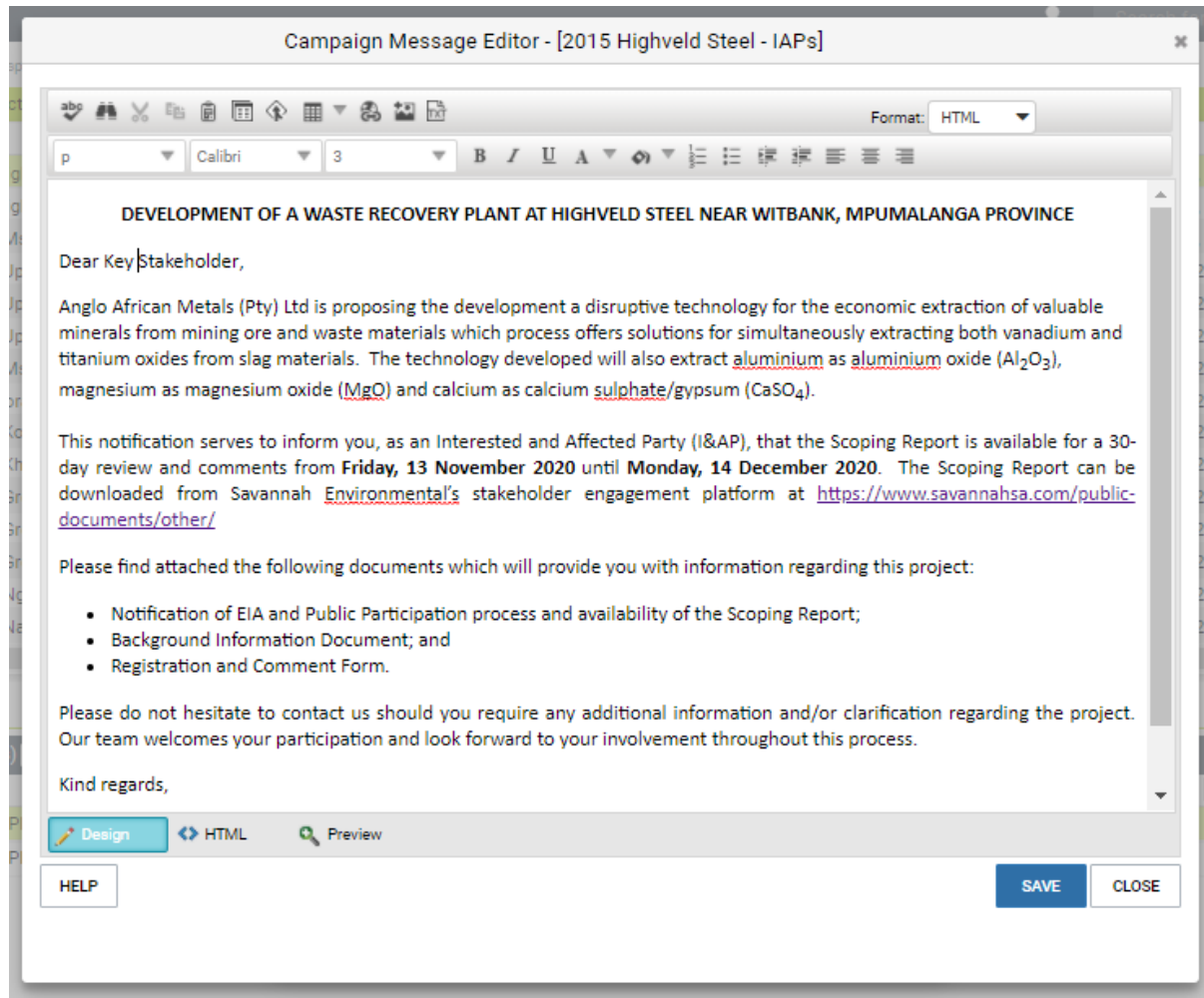
Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

Documents attached: Background Information Document
Registration and Comment Form

Proof of email - WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment



[Print](#)

Proof of email - WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment

Date: Friday,
November 13,
2020
Time: 12:43
PM

Company	Last Name	First Name	
AgriSA	Van der Merwe	Hans	
Eskom - Mpumalanga Land & Rights/Distribution	Ludere	Tshifiwa	
Eskom Holdings SOC Ltd	Geeringh	John	
ESKOM Land Management	Galela	Noxolo	
ESKOM Transmission	Motsisi	Lungile	

Totals:

LANDOWNERS

13 November 2020

Ms Thia Oberholzer
Landowner Representative
Highveld Industrial Park

Per email:

Dear Ms Oberholzer,

**DEVELOPMENT OF A WASTE RECOVERY PLANT AT EVRAZ HIGHVELD STEEL AND VANADIUM NEAR WITBANK,
MPUMALANGA PROVINCE**

**NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND AVAILABILITY OF SCOPING REPORT FOR
REVIEW AND COMMENT**

Anglo African Metals (Pty) Ltd is proposing the development a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials which process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed will also extract aluminium as aluminium oxide (Al_2O_3), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum ($CaSO_4$).

A suitable tailings/slag resource which can be processed using their developed technology has been identified at the EVRAZ Highveld Steel and Vanadium site located between Balmoral and eMalaheni in Mpumalanga Province. The waste recovery plant is proposed to be located on Portion 48 of Farm Elandsfontein 309 JS. The development area is approximately 4ha in extent and is contained within the EVRAZ Highveld Steel and Vanadium property. The site is accessible directly off the R104, from the N4 turnoff near Kwa-Guqa informal settlement.

The main infrastructure associated with the facility includes the following:

- » Chemical plant area, where all process chemicals including acid are produced, stored and handled as required by the waste recovery process.
- » Substation and plant utility unit as interface and controlling unit for the electricity utilised by the plant during operation.
- » Slag stockpile.
- » Crushing plant.
- » Mill.

- » Product area for storage of the various products produced through the recovery process.
- » Reagent area, for the storage and handling of reactants utilised in the waste recovery process.
- » A security area.
- » Parking lot.
- » Admin and control room including offices and ablutions for staff.

The plant will be developed to process 2000 tonnes of tailings/slag per month, approximately 3 tons per day and will be primarily fuelled by Liquefied Petroleum Gas (LPG) and Sasol gas brought into site by dedicated transport truck deliveries.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

The Zero Waste Recovery Solution triggers the need for following environmental permits:

- » **Environmental Authorisation (EA)** from the National Department of Environment, Forestry and Fisheries (DEFF), in consultation with the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs, in accordance with the requirements of the National Environmental Management Act (No. 107 of 1998) (NEMA) and Environmental Impact Assessment (EIA) Regulations (GNR 326).
- » A **Waste Management License (WML)**, from the DEFF for the recovery of waste, as is proposed as part of the Zero Waste Recovery Solution, as well as the construction of the infrastructure for this purpose trigger such activities, in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities (GNR 921).
- » An **Atmospheric Emission License (AEL)**, from the Nkangala District Municipality, in accordance with the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893.

Anglo African Metals (Pty) Ltd (the South African registered company of Fodere Titanium) appointed Savannah Environmental as the independent environmental consulting company in accordance with NEMA and Regulations 21 to 24 of the 2014 EIA Regulations (GNR 326) in support of an integrated application for Environmental Authorisation (EA) and a Waste Management License (WML). The S&EIA process will also support the future application for an Atmospheric Emission License (AEL).

You are identified as an affected property owner that could be impacted by the proposed project. The EIA Regulations, 2014, as amended, Regulation 41.(2)(b) giving written notice, in any of the manners provided for in section 47D of the Act, to –

- (i) the occupiers of the site and, if the proponent of applicant is not the owner or person in control of the site on which the activity is to be undertaken, the owner or person in control of the site where the activity is or is to be undertaken and to any alternative site where the activity is to be undertaken.

and this letter serves to inform you, in writing, of the above-mentioned proposed project.

In this regard, please could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of this Environmental Impact Assessment (EIA) process being undertaken and request the occupier/s of your property to please register themselves as an Interested and Affected Party (I&AP) on the project by completing and returning the attached stakeholder registration/comment form. By registering on the project's database, they will receive all information relating to the project and will be provided with an opportunity to provide comment and input into the EIA process and reports.

You are encouraged to participate in the public involvement process conducted as part of the EIA process. A Background Information Document (BID), which provides further information on the EIA process as well as the nature and extent of the proposed Waste Recovery Plant, is attached to this letter and is also available for download from the Savannah Environmental website on <https://www.savannahsa.com/public-documents/other/waste-recovery-plant/> and the release code to download the Scoping Report is: **tgh7NN**.

PUBLIC INVOLVEMENT PROCESS

The public participation (PP) process is being undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed project is made available to potential stakeholders and I&APs
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed project; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the EIA process.

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement and gathering of people to curb the spread of the COVID-19 virus has placed some limitations on how public consultation can be conducted as part of a EIA process. The consultation process for this project has been designed considering these limitations, and the implementation is in line with our public participation plan (PP Plan), as approved by the DEFF. One of our approved consultation methods is for you to visit our online stakeholder engagement platform, register your interest in the project/s, and view project documentation on our stakeholder engagement platform as per the link provided above.

Where I&APs do not have the applicable facilities or access to internet, provision has been made to include these I&APs in the consultation process through direct consultation or by consulting with the Ward Councillor, the ward committee members, community representatives and local community forum members.

AVAILABILITY OF SCOPING REPORT FOR REVIEW AND COMMENT

As an Interested and Affected Party (I&AP), you are hereby notified that the Scoping Report (SR) is available for your review and comment from **Friday, 13 November 2020** until **Monday, 14 December 2020**.

The restrictions enforced to curb the spread of the COVID-19 virus has placed limitations on making hard copies of the Scoping Report available at public places such as libraries and municipal offices. Therefore, the report is available electronically for downloading from our stakeholder engagement platform at <https://www.savannahsa.com/public-documents/other/>. As per our approved public participation plan submitted to the DEFF, you can also request that an electronic copy of the Scoping Report be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the Scoping Report by **Monday, 14 December 2020** via our public participation portal (link provided above) or:

Telephone: 011 656 3237
Mobile: 060 978 8396
Fax: 086 684 0547
Post: PO Box 148, Sunninghill, 2157
E-mail: publicprocess@savannahsa.com

All comments can be addressed to Nicolene Venter or Ronald Baloyi of Savannah Environmental at the above-mentioned contact details.

All comments received during the 30-day review and comment period will be recorded and included in the Final Scoping Report for submission to the DEFF in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards



Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

Documents attached: Background Information Document
Registration and Comment Form

Oberholzer, Thia - Highveld Industrial Park (Landowners) - Environmental Manager

Date: 11/13/2020
Time: 11:53 AM
Creator: Ronald Baloyi Baloyi

Note

Subject: WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment

Body:

DEVELOPMENT OF A WASTE RECOVERY PLANT AT HIGHVELD STEEL NEAR WITBANK, MPUMALANGA PROVINCE

Dear Ms Thia Oberholzer,

Anglo African Metals (Pty) Ltd is proposing the development a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials which process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed will also extract aluminium as aluminium oxide (Al₂O₃), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum (CaSO₄).

This notification serves to inform you, as an Interested and Affected Party (I&AP), that the Scoping Report is available for a 30-day review and comments from Friday, 13 November 2020 until Monday, 14 December 2020. The Scoping Report can be downloaded from Savannah Environmental's stakeholder engagement platform at <https://www.savannahsa.com/public-documents/other/>

Please find attached the following documents which will provide you with information regarding this project:

Notification of EIA and Public Participation process and availability of the Scoping Report;

Background Information Document; and

Registration and Comment Form.

Please do not hesitate to contact us should you require any additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards,

--

An email has been sent to "Thia Oberholzer"
nicolene@savannahsa.com; ronald@savannahsa.com; "Ronald Baloyi Baloyi"
<publicprocess@savannahsa.com>; savannahenvironmentalsa@gmail.com

Please refer to the email saved in the Documents window.

13 November 2020

Mr David Ngakane
Plant Manager: Witbank ASU Operations
AFROS

By e-mail:

Dear Mr Ngakane,

**DEVELOPMENT OF A WASTE RECOVERY PLANT AT EVRAZ HIGHVELD STEEL AND VANADIUM NEAR WITBANK,
MPUMALANGA PROVINCE**

**NOTICE OF ENVIRONMENTAL IMPACT ASSESSMENT PROCESS AND AVAILABILITY OF SCOPING REPORT FOR
REVIEW AND COMMENT**

Anglo African Metals (Pty) Ltd is proposing the development a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials which process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed will also extract aluminium as aluminium oxide (Al_2O_3), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum ($CaSO_4$).

A suitable tailings/slag resource which can be processed using their developed technology has been identified at the EVRAZ Highveld Steel and Vanadium site located between Balmoral and eMalahleni in Mpumalanga Province. The waste recovery plant is proposed to be located on Portion 48 of Farm Elandsfontein 309 JS. The development area is approximately 4ha in extent and is contained within the EVRAZ Highveld Steel and Vanadium property. The site is accessible directly off the R104, from the N4 turnoff near Kwa-Guqa informal settlement.

The main infrastructure associated with the facility includes the following:

- » Chemical plant area, where all process chemicals including acid are produced, stored and handled as required by the waste recovery process.
- » Substation and plant utility unit as interface and controlling unit for the electricity utilised by the plant during operation.
- » Slag stockpile.
- » Crushing plant.
- » Mill.
- » Product area for storage of the various products produced through the recovery process.

- » Reagent area, for the storage and handling of reactants utilised in the waste recovery process.
- » A security area.
- » Parking lot.
- » Admin and control room including offices and ablutions for staff.

The plant will be developed to process 2000 tonnes of tailings/slag per month, approximately 3 tons per day and will be primarily fuelled by Liquefied Petroleum Gas (LPG) and Sasol gas brought into site by dedicated transport truck deliveries.

ENVIRONMENTAL IMPACT ASSESSMENT PROCESS

The Zero Waste Recovery Solution triggers the need for following environmental permits:

- » **Environmental Authorisation (EA)** from the National Department of Environment, Forestry and Fisheries (DEFF), in consultation with the Mpumalanga Department of Agriculture, Rural Development, Land and Environmental Affairs, in accordance with the requirements of the National Environmental Management Act (No. 107 of 1998) (NEMA) and Environmental Impact Assessment (EIA) Regulations (GNR 326).
- » A **Waste Management License (WML)**, from the DEFF for the recovery of waste, as is proposed as part of the Zero Waste Recovery Solution, as well as the construction of the infrastructure for this purpose trigger such activities, in accordance with the National Environmental Management: Waste Act (No. 59 of 2008) (NEM:WA), and the List of Waste Management Activities (GNR 921).
- » An **Atmospheric Emission License (AEL)**, from the Nkangala District Municipality, in accordance with the National Environmental Management: Air Quality Act (No. 39 of 2004) (NEM:AQA), and List of Activities resulting in Atmospheric Emissions published in GNR 893.

Anglo African Metals (Pty) Ltd (the South African registered company of Fodere Titanium) appointed Savannah Environmental as the independent environmental consulting company in accordance with NEMA and Regulations 21 to 24 of the 2014 EIA Regulations (GNR 326) in support of an integrated application for Environmental Authorisation (EA) and a Waste Management License (WML). The S&EIA process will also support the future application for an Atmospheric Emission License (AEL).

You are identified as an adjacent property owner that could be impacted by the proposed project. The EIA Regulations, 2014, as amended, Regulation 41.(2)(b) giving written notice, in any of the manners provided for in section 47D of the Act, to –

- (ii) Owners, persons in control of, and occupiers of land adjacent to the site where the activity is or is to be undertaken and to any alternative site where the activity is to be undertaken.

and this letter serves to inform you, in writing, of the above-mentioned proposed project.

In this regard, could you kindly inform any other persons (tenants, employees, farm managers and workers etc.) residing on your property of this Environmental Impact Assessment (EIA) process being undertaken. Please also request the occupier/s of your property to please register themselves as an Interested and Affected Party (I&AP) on the project by completing and returning the attached stakeholder registration/comment form. By registering on the project's database, they will receive all information relating to the project and will be provided with an opportunity to provide comment and input into the EIA process and reports.

You are encouraged to participate in the public involvement process conducted as part of the EIA process. A Background Information Document (BID), which provides further information on the EIA process as well as the nature and extent of the proposed Waste Recovery Plant, is attached to this letter and is also available for download from the Savannah Environmental website on <https://www.savannahsa.com/public-documents/other/waste-recovery-plant/> and the release code to download the Scoping Report and appendices is: **tgh7NN**.

PUBLIC INVOLVEMENT PROCESS

The public participation (PP) process is being undertaken in accordance with the requirements of Regulations 39 to 44 of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended, (GNR 326). The aim of the public participation process is primarily to ensure that:

- » information containing all relevant facts in respect of the proposed project is made available to potential stakeholders and I&APs
- » participation by I&APs is facilitated in such a manner that all potential stakeholders and I&APs are provided with a reasonable opportunity to comment on the proposed project; and
- » comments received from potential stakeholders and I&APs are recorded and incorporated into the EIA process.

The restrictions enforced in terms of Government Gazette 43096 which placed the country in a national state of disaster limiting the movement and gathering of people to curb the spread of the COVID-19 virus has placed some limitations on how public consultation can be conducted as part of a EIA process. The consultation process for this project has been designed considering these limitations, and the implementation is in line with our public participation plan (PP Plan), as approved by the DEFF. One of our approved consultation methods is for you to visit our online stakeholder engagement platform, register your interest in the project/s, and view project documentation on our stakeholder engagement platform as per the link provided above.

Where I&APs do not have the applicable facilities or access to internet, provision has been made to include these I&APs in the consultation process through direct consultation or by consulting with the Ward Councillor, the ward committee members, community representatives and local community forum members.

AVAILABILITY OF SCOPING REPORT FOR REVIEW AND COMMENT

As an Interested and Affected Party (I&AP), you are hereby notified that the Scoping Report (SR) is available for your review and comment from **Friday, 13 November 2020** until **Monday, 14 December 2020**.

The restrictions enforced to curb the spread of the COVID-19 virus has placed limitations on making hard copies of the Scoping Report available at public places such as libraries and municipal offices. Therefore, the report is available electronically for downloading from our stakeholder engagement platform at <https://www.savannahsa.com/public-documents/other/>. As per our approved public participation plan submitted to the DEFF, you can also request that an electronic copy of the Scoping Report be sent to you via file transfer services such as WeTransfer or Dropbox.

Please submit your written comments on the Scoping Report by **Monday, 14 December 2020** via our public participation portal (link provided above) or:

Telephone: 011 656 3237
Mobile: 060 978 8396
Fax: 086 684 0547
Post: PO Box 148, Sunninghill, 2157
E-mail: publicprocess@savannahsa.com

All comments can be addressed to Nicolene Venter or Ronald Baloyi of Savannah Environmental at the above-mentioned contact details.

All comments received during the 30-day review and comment period will be recorded and included in the Final Scoping Report for submission to the DEFF in line with Regulation 44 of the EIA Regulations, 2014, as amended (GN R326).

Please do not hesitate to contact us should you require additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards



Nicolene Venter

Public Participation and Social Consultant

Email: publicprocess@savannahsa.com

Documents attached: Background Information Document
Registration and Comment Form

Ngakane, David - AFROX

Date: 11/13/2020
Time: 12:02 PM
Creator: Ronald Baloyi Baloyi

Note

Subject: WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment

Body:

DEVELOPMENT OF A WASTE RECOVERY PLANT AT HIGHVELD STEEL NEAR WITBANK,
MPUMALANGA PROVINCE

Dear Mr David Ngakane,

Anglo African Metals (Pty) Ltd is proposing the development a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials which process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed will also extract aluminium as aluminium oxide (Al₂O₃), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum (CaSO₄).

This notification serves to inform you, as an Interested and Affected Party (I&AP), that the Scoping Report is available for a 30-day review and comments from Friday, 13 November 2020 until Monday, 14 December 2020. The Scoping Report can be downloaded from Savannah Environmental's stakeholder engagement platform at <https://www.savannahsa.com/public-documents/other/>

Please find attached the following documents which will provide you with information regarding this project:

Notification of EIA and Public Participation process and availability of the Scoping Report;

Background Information Document; and

Registration and Comment Form.

Please do not hesitate to contact us should you require any additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards,

--

An email has been sent to "David Ngakane"
nicolene@savannahsa.com; ronald@savannahsa.com; "Ronald Baloyi Baloyi"
<publicprocess@savannahsa.com>; savannahenvironmentalsa@gmail.com

Please refer to the email saved in the Documents window.

Savannah Environmental
Website Uploads

Waste Recovery Plant

Development of a Waste Recovery Plant at Evraz Highveld Steel Vanadium Near Witbank, Mpumalanga Province

Applicant: Anglo African Metals (Pty) Ltd

Proposed Activity: The development a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials which process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed will also extract aluminium as aluminium oxide (Al_2O_3), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum ($CaSO_4$). The plant will be primarily fuelled by Liquefied Petroleum Gas (LPG) and Sasol gas.

The main infrastructure associated with the facility includes the following:

- Chemical plant area, where all process chemicals including acid are produced, stored and handled as required by the waste recovery process.
- Substation and plant utility unit as interface and controlling unit for the electricity utilised by the plant during operation.
- Slag stockpile.
- Crushing plant.
- Product area for storage of the various products produced through the recovery process.
- Reagent area, for the storage and handling of reactants utilised in the waste recovery process.
- A security area.
- Parking lot.
- Admin and control room including offices and ablutions for staff.

Location: The waste recovery plant is proposed to be located on Portion 48 of Farm No. 309. The development area is contained within the EVRAZ Highveld Steel and Vanadium property. The site is accessible directly off the R104, from the N4 turnoff near Kwa-Guqa informal settlement, approximately 17km west of eMalahleni within the eMalahleni Local Municipality, Nkangala District Municipality, Mpumalanga Province.

Environmental Impact Assessment Process: In terms of Sections 24 and 24D of the National Environmental Management Act (No 107 of 1998), as read with Government Notice R324 – R327, as amended, a Scoping and Environmental Impact Assessment (EIA) process is required for the Zero Waste Recovery Solution. Savannah Environmental is undertaking the required environmental assessment and public participation process for the project. An application for the project has been lodged with the Department of Environment, Forestry and Fisheries (DEFF), as the competent authority.

To obtain further information and register on the project database, please submit your name, contact information and interest in the project to:

Nicolene Venter or Ronald Baloyi at Savannah Environmental
PO Box 148, Sunninghill, 2157

Tel: 011 656 3237 / Mobile: 060 978 8396

Fax: 086 684 0547

Email: publicprocess@savannahsa.com

Website: www.savannahsa.com

November 2020

Documents for public review are available for download.

[VIEW DOWNLOAD PAGE](#)

Downloads

Waste Recovery Plant

[Scoping Report](#)

[Appendix A - CVs](#)

[Appendix B - Authority Correspondence](#)

[Appendix C1 - I&AP Database](#)

[Appendix C2 - Site Notices and Newspaper Advertisements](#)

[Appendix C3 - Background Information Document](#)

[Appendix C4 - Organs of State Correspondence](#)

[Appendix C5 - Stakeholder Correspondence](#)

[Appendix C6 - Comments Received](#)

[Appendix C7 - Minutes of Meetings](#)

[Appendix C8 - Comments and Responses Report](#)

[Appendix C9 - Public Participation Plan and Approval](#)

[Appendix D - Air Quality Scoping Report](#)

[Appendix E - Heritage Scoping Report](#)

[Appendix F - Socio-Eco Scoping Report](#)

[Appendix G - A3Maps](#)

[Appendix H - EAP Declaration&Affirmation](#)

[Appendix I - DEFF Screening Report](#)

Correspondence

Name and address

Contact information

Marius Loock

Town & Regional Planner
 Co-operative Governance and Traditional Affairs

Phone numbers

Main:
 Fax:
 Cell:

Email addresses / Website

Email:

Key Fields for: <Default Key Fields> ▼

Release Code Requested:
 Date Last Contacted: 13 November 2020
 Do not solicit by:
 Category:
 Territory:

Projects: Highveld Steel (2015)
 Land Owner:
 I&AP Sector: Organs of State
 I&AP Type: Provincial Government
 Department - Directorate:
 Farm 1 Name:
 Farm 1 Number:
 Farm 1 Portion:
 Farm 2 Name:
 Farm 2 Number:
 Farm 2 Portion:
 Farm 3 Name:
 Farm 3 Number:
 Farm 3 Portion:
 Farm 4 Name:
 Farm 4 Number:
 Farm 4 Portion:
 Farm 5 Name:
 Farm 5 Number:
 Farm 5 Portion:
 Farm 6 Name:
 Farm 6 Number:
 Farm 6 Portion:
 Farm 7 Name:
 Farm 7 Number:
 Farm 7 Portion:
 Farm 8 Name:
 Farm 8 Number:
 Farm 8 Portion:
 Farm 9 Name:
 Farm 9 Number:
 Farm 10 Name:
 Farm 10 Number:
 Farm 10 Portion:
 Farm 11 Number:

Ronald Baloyi

From: David Ngakane
Sent: Thursday, 12 November 2020 10:20
To: Savannah Public Process
Cc: Lwazi Mkhandabila
Subject: Notice of Environmental Impact Assessment- Fodere Titanium Zero waste Recovery Solution
Attachments: za04b5_2020-11-11_17-07-04.pdf

Dear Nicolene & Ronald,

Afrox received attached notice on the 11th Nov, 2020; and hereby request to register as Interest Party in this proposed project. Afrox has an Air Separation Unit Plant located within Highveld Industrial Park- EVRAZ, and will would like to have a detailed view of how this will impact our operation and comment further.

Regards
David Ngakane | Plant Manager- Witbank ASU | Operations



The information contained in this email and any attachments may be confidential and is provided solely for the use of the intended recipient(s). If you are not the intended recipient, you are hereby notified that any disclosure, distribution, or use of this e-mail, its attachments or any information contained therein is unauthorized and prohibited. If you have received this in error, please contact the sender immediately and delete this e-mail and any attachments. No responsibility is accepted for any virus or defect that might arise from opening this e-mail or attachments, whether or not it has been checked by anti-virus software...

Ronald Baloyi

From: Savannah Public Process
Sent: Monday, 07 December 2020 11:42
To: Lungile Motsisi; Tshifhiwa Nekhavhambe
Subject: RE: WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment
Attachments: ZeroWaste(Nov20).kml

Hi Lungile,

Please ignore my previous request for Dx contact details!

Dear Tshifhiwa, we will register you on the project database. Please find attached the .KML file to determine whether DX infrastructure are affected.

We await your confirmation and comments.

Kind regards,

From: Lungile Motsisi
Sent: Monday, December 7, 2020 10:51 AM
To: Tshifhiwa Nekhavhambe
Cc: Savannah Public Process <publicprocess@savannahsa.com>
Subject: FW: WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment

Morning Tshifhiwa,

Please see the attached. Eskom Distribution lines and substation are affected.

Regards,
Lungile Motsisi

From: Public Process [<mailto:publicprocess@savannahsa.com>]
Sent: 13 November 2020 12:42 PM
To: Lungile Motsisi
Subject: WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment

DEVELOPMENT OF A WASTE RECOVERY PLANT AT HIGHVELD STEEL NEAR WITBANK, MPUMALANGA PROVINCE

Dear Key Stakeholder,

Anglo African Metals (Pty) Ltd is proposing the development a disruptive technology for the economic extraction of valuable minerals from mining ore and waste materials which process offers solutions for simultaneously extracting both vanadium and titanium oxides from slag materials. The technology developed will also extract aluminium as aluminium oxide (Al₂O₃), magnesium as magnesium oxide (MgO) and calcium as calcium sulphate/gypsum (CaSO₄).

This notification serves to inform you, as an Interested and Affected Party (I&AP), that the Scoping Report is available for a 30-day review and comments from **Friday, 13 November 2020** until **Monday, 14 December 2020**. The Scoping Report can be downloaded from Savannah Environmental's stakeholder engagement platform at <https://www.savannahsa.com/public-documents/other/>

Please find attached the following documents which will provide you with information regarding this project:

- Notification of EIA and Public Participation process and availability of the Scoping Report;
- Background Information Document; and
- Registration and Comment Form.

Please do not hesitate to contact us should you require any additional information and/or clarification regarding the project. Our team welcomes your participation and look forward to your involvement throughout this process.

Kind regards,

[Unsubscribe this type of email](#)



t: 011 656 3237
f: 086 684 0547

Nicolene Venter
Public Process

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

[SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015](#)

NB: This Email and its contents are subject to the Eskom Holdings SOC Ltd EMAIL LEGAL NOTICE which can be viewed at http://www.eskom.co.za/Pages/Email_Legal_Spam_Disclaimer.aspx

Ronald Baloyi

From: Savannah Public Process
Sent: Tuesday, 22 December 2020 09:59
To: Mariette Liefferink; 'Ntombifuthi Mathebula'
Cc: Ronald Baloyi; savannahenvironmentalsa@gmail.com; Gideon Raath; Nicolene Venter
Subject: RE: Waste Recovery Plant: Focus Group Meeting Minutes for review and inputs

Tracking:	Recipient	Delivery	Read
	Mariette Liefferink 'Ntombifuthi Mathebula'		
	Ronald Baloyi savannahenvironmentalsa@gmail.com	Delivered: 2020/12/22 09:59	Read: 2020/12/22 11:31
	Gideon Raath	Delivered: 2020/12/22 09:59	
	Nicolene Venter	Delivered: 2020/12/22 09:59	

Dear Mariette,

Thank you for the confirmation.

Looking forward to a fruitful consultation process when the EIA phase commences in 2021.

Kind regards,

From: Mariette Liefferink
Sent: Tuesday, December 22, 2020 9:38 AM
To: Savannah Public Process <publicprocess@savannahsa.com>; 'Ntombifuthi Mathebula'
Cc: Ronald Baloyi <Ronald@savannahsa.com>; savannahenvironmentalsa@gmail.com; Gideon Raath <gideon@savannahsa.com>; Nicolene Venter <nicolene@savannahsa.com>
Subject: RE: Waste Recovery Plant: Focus Group Meeting Minutes for review and inputs

Dear Nicolene,

I thank you for the Minutes. My comments, on behalf of the FSE, are accurately recorded.

Best Regards
Mariette Liefferink
CEO: FEDERATION FOR A SUSTAINABLE ENVIRONMENT

From: Public Process <publicprocess@savannahsa.com>
Sent: 22 December 2020 03:40 AM
To: Ntombifuthi Mathebula · Mariette Liefferink
Cc: ronald@savannahsa.com; savannahenvironmentalsa@gmail.com; gideon@savannahsa.com; Nicolene Venter

<nicolene@savannahsa.com>

Subject: Waste Recovery Plant: Focus Group Meeting Minutes for review and inputs

**DEVELOPMENT OF A WASTE RECOVERY PLANT AT HIGHVELD STEEL NEAR WITBANK, MPUMALANGA PROVINCE
(DEA Ref.No.: 14/12/16/3/3/3/401)**

Dear Ms Mathebula and Ms Liefferink,

Thank you for making time available for attending the Focus Group Meeting held on Friday, 11 December 2020.

Attached the minutes of the meeting for your attention and record purposes.

Please do not hesitate to send us any inputs that you may have on the minutes.

Kind regards,

savannah
environmental

t: 011 656 3237

f: 086 684 0547

Nicolene Venter

Public Process

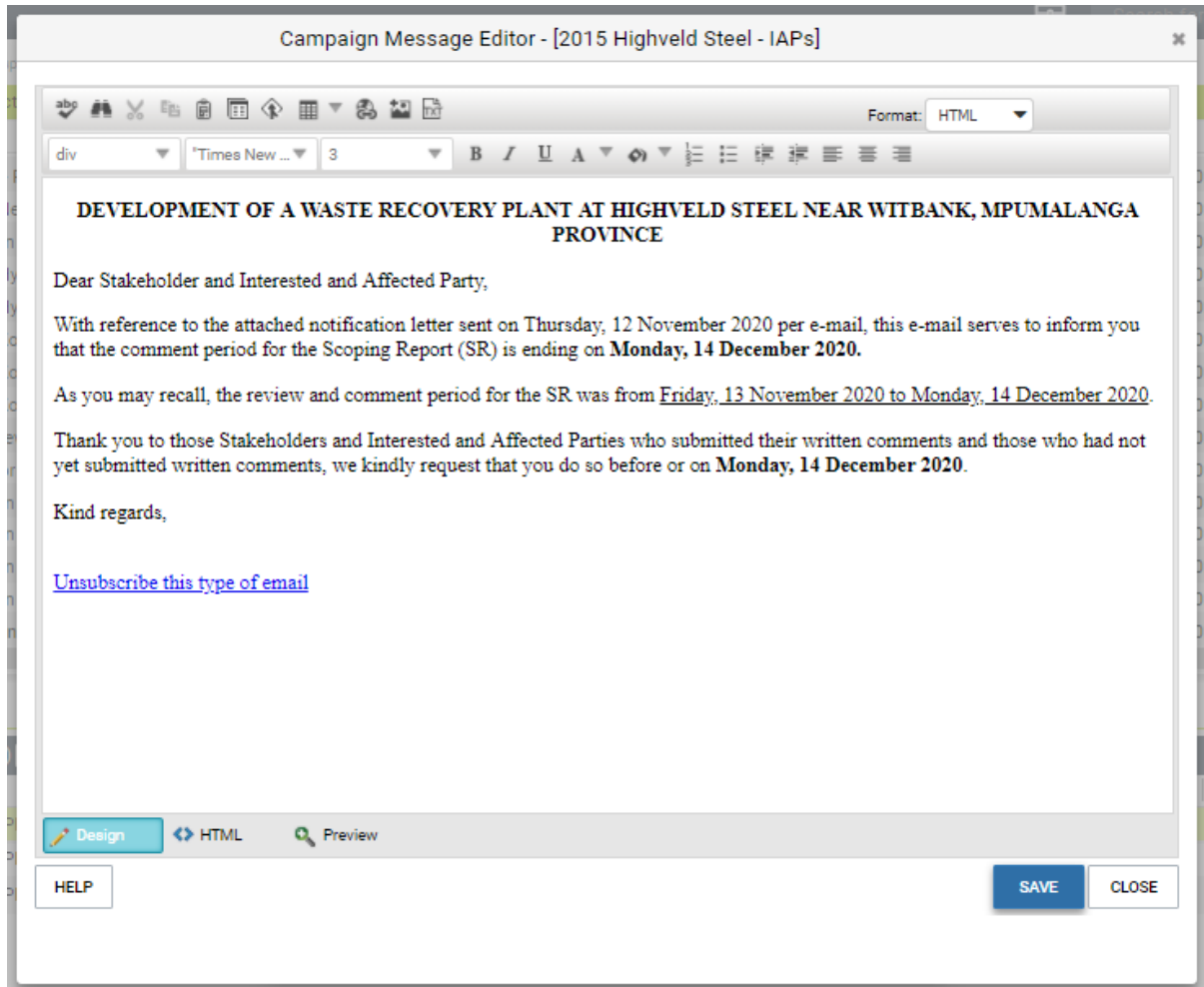
e: publicprocess@savannahsa.com

c: +27 (0) 60 978 8396

[SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015](#)

Reminder Notification

Proof of email – WASTE RECOVERY PLANT review and comment period ending soon





Savannah Environmental <savannahenvironmentalsa@gmail.com>

WASTE RECOVERY PLANT: Notification of Environmental Impact Assessment and the Availability of the Scoping Report for review and comment

1 message

Public Process <publicprocess@savannahsa.com>
Reply-To: Public Process <publicprocess@savannahsa.com>
To: "H.S. Mayisela" <mayiselahs@emalahleni.gov.za>
Cc: Savannah Environmental <SavannahEnvironmentalISA@gmail.com>

Mon, Dec 7, 2020 at 12:51 PM

DEVELOPMENT OF A WASTE RECOVERY PLANT AT HIGHVELD STEEL NEAR WITBANK, MPUMALANGA PROVINCE

Dear Stakeholder and Interested and Affected Party,

With reference to the attached notification letter sent on Thursday, 12 November 2020 per e-mail, this e-mail serves to inform you that the comment period for the Scoping Report (SR) is ending on **Monday, 14 December 2020**.

As you may recall, the review and comment period for the SR was from Friday, 13 November 2020 to Monday, 14 December 2020.

Thank you to those Stakeholders and Interested and Affected Parties who submitted their written comments and those who had not yet submitted written comments, we kindly request that you do so before or on **Monday, 14 December 2020**.

Kind regards,

[Unsubscribe this type of email](#)



Nicolene Venter
Public Process

t: 011 656 3237
f: 086 684 0547

e: publicprocess@savannahsa.com
c: +27 (0) 60 978 8396

[SAWEA Award for Leading Environmental Consultant on Wind Projects in 2013 & 2015](#)



SE2015-Waste_Recovery_Plant_DSR_Notification_Letter-FINAL.pdf
146K

[Print](#)

Proof of email - WASTE RECOVERY PLANT review and comment period ending soon

Date:
Monday,
December 7,
2020
Time: 12:49
PM

Company	Last Name	First Name	
	Mahlangu	Aron	
	Mahlangu	P	
	Makuse	T	
	Masilela (Best George)	B	
	Mgobane	S	
	Mhungela	B	
	Ngomane	S	
	Nyangula	E	
AFROX	Ngakane	David	
AgriSA	Van der Merwe	Hans	
Anker Coal and Mineral Holdings	Kruger	Sonita	
Co-operative Governance and Traditional Affairs	Loock	Marius	
Co-operative Governance and Traditional Affairs	Mashabela	Frans	
Co-operative Governance and Traditional Affairs	Mathavela	Stanford	
Co-operative Governance and Traditional Affairs	Mathebula	Ntombifuthi	
Co-operative Governance and Traditional Affairs	Khuthula	D	
Consultancy that manages the Highveld Industrial Park Community Forum.	Rudolph	Raphael	
DARDLEA - EIA	Dineo	Dineo	
DARDLEA - EIA	Govender	Marcini	
DARDLEA - EIA	Mhlangu	Lucas	
DARDLEA - Waste	Mthimunye	Charity	
DEA - Air Quality Authorisations	Macevele	Stanford	
Department of Agriculture, Forestry and Fisheries	Muhlope	Mpo	
Department of Education	Venter	Jan	
Department of Agriculture, Forestry & Fisheries	Buthelezi	Thoko	
Department of Agriculture, Forestry & Fisheries	Marubini	Mashudu	
Department of Agriculture, Forestry and Fisheries	Mnguni	MS	
Department of Agriculture, Forestry and Fisheries	Okwetu	Qfakude	
Department of Agriculture, Forestry and Fisheries	Tsikwatamba	Maria	
Department of Education	Mandlazi	Vusumuzi	
Department of Education	Mokwane	Ellias	
Department of Environment, Forestry and Fisheries	Lekota	Seoka	
Department of Environmental Affairs	Khumalo	Thulie N	
Department of Environmental Affairs - DEA (Pretoria)	Lydia	Alade	
Department of Environmental Affairs - National Air Quality Officer	Moloto	Mmadi	
Department of Environmental Affairs (DEA)	Baloyi	Obed	
Department of Health	Stydom	Bert	
Department of Mineral Resources	Mabule	A	
Department of Mineral Resources	Mojapelo	John	
Department of Mineral Resources	Tshivhandekano	Aubrey	
Department of Public Works, Roads and Transport	Ndaba	Fundiswa	

Department of Rural Development and Land Reform	Stolz	Annette	
Department of Social Development	Phillip	Hine	
Department of Water Affairs - DWA	Ackerman	Pieter	
Department of Water Affairs - DWA	Lubambo	Musa	
Department of Water Affairs - DWA	Mamba	Xoli	
Department of Water Affairs - DWA (Bronkhorstspuit)	Moloto	Gloria	
Department of Water Affairs - DWA (Witbank)	Ndlhovu	Tshilidzi	
Department of Water Affairs - DWA Bronkhorstspuit	Maganyane	Peter	
Department of Water and Sanitation	Guma	Fikile	
Department of Water and Sanitation	Mandlazi	Nompumelelo	
Department of Water and Sanitation	Mnguni	Betty	
Department of Water and Sanitation	Mulaudzi	Masala	
Department of Water and Sanitation	Rambuda	A	
Distrikslandbou Unie Middelburg	Schmahl, JPJ		
Emalahleni Local Municipality	Brentjies	B.C	
eMalahleni Local Municipality	Gumede	Mkululeke	
Emalahleni Local Municipality	Kadi	T	
Emalahleni Local Municipality	Makena	M.J	
Emalahleni Local Municipality	Malatjie	L.M	
eMalahleni Local Municipality	Maseko	Sandile	
eMalahleni Local Municipality	Mathebula	Thabang	
eMalahleni Local Municipality	Mayisela	H.S.	
Emalahleni Local Municipality	Mbokane	T.T	
eMalahleni Local Municipality	Mhlongo	Sphamandla	
Emalahleni Local Municipality	Mokoena	R.M	
Emalahleni Local Municipality	Nkabinde	Erald	
Emalahleni Local Municipality	Sedupane	M.E	
Emalahleni Local Municipality	Shongwe	M.E	
Emalahleni Local Municipality	Sikhosana	J	
Emalahleni Local Municipality	Swan	G	
eMalahleni Public Library (Witbank)	Rozmiarek	Johanette	
Eskom - Mpumalanga Land & Rights/Distribution	Ludere	Tshifiwa	
Eskom Holdings SOC Ltd	Geeringh	John	
ESKOM Land Management	Galela	Noxolo	
ESKOM Transmission	Motsisi	Lungile	
Federation for a Sustainable Environment	Liefferink	Mariette	
Highveld Industrial Park (Landowners) - Environmental Manager	Oberholzer	Thia	
Highveld Industrial Park (Landowners) - Legal Representative	de Souza	Andrea	
KwaGugu Library (Witbank)	Mabuza	Renny	
Mpumalanga Agriculture Manager	Laas	Hennie	
Mpumalanga Provincial Heritage Authority	Moduka	Benjamin	
SAHRA	Sibayi	Dumisani	
SANRAL	Van Eyk	O	
SANRAL - Northern Region	Bota	Victoria	
SANRAL - Northern Region	Sibanyoni	Agriba	
Smith Boerdery	Smith	Gert	
South African National Roads Agency Limited	Botha	Victoria	
Telkom	Smit	Johan	
Transalloys	Monyemoratho	Ephraim	
Transnet	Hadebe	Thami	
Transnet	Herbert	Samantha	
Transvaalse Landbou Unie	Du Plessis	Danie	
Vanchem Vanadium Products	Ngobeni	Mbavhi	

Totals: