

Public Participation Report

Environmental Regulatory Processes for Sibanye Gold, The West Rand Tailings Retreatment Project, Gauteng Province

GOL2376



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Appendix I: PowerPoint Presentation



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**West Rand Tailing Retreatment Project
(WRTRP)**

Stakeholder Meetings
Scoping Phase, October 2015



Agenda

- Project team
- Project overview and brief history (Ultimate Project)
- Project description (Initial Implementation)
- Impact Assessment Process and Specialist studies
- Timeframes and Public Participation
- Contact details
- Open discussion



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Objectives of the meeting

- To present to stakeholders the content of the Draft Scoping Report
- To obtain comments and inputs from stakeholders on the Draft Scoping Report
- To obtain suggestions for the planning, impact assessment and public participation processes ahead
- To present an overview of issues and concerns raised thus far and how these issues and concerns are proposed to be covered during the Impact Assessment

Guidelines for productive discussion

- Please hold comments and questions till the discussion forum, after the presentation
- Focus on issues, not people
- Courtesy
- One person at a time
- Work through the facilitator
- Agree to disagree
- Cell phones on silent

Project Team

Sibanye Gold

Nico Gewers
Group Environmental Management

Grant Stuart
VP: West Rand Tailings Retreatment Project

Trevor Mfeka
Project Engineer

Rex Zorab
Engineering Consultant

Johan Wagner
Water Management

Digby Wells Environmental

Grant Beringer
Project Director

Marcelle Radyn
Project Manager

Nestus Bredenhann
Stakeholder Engagement

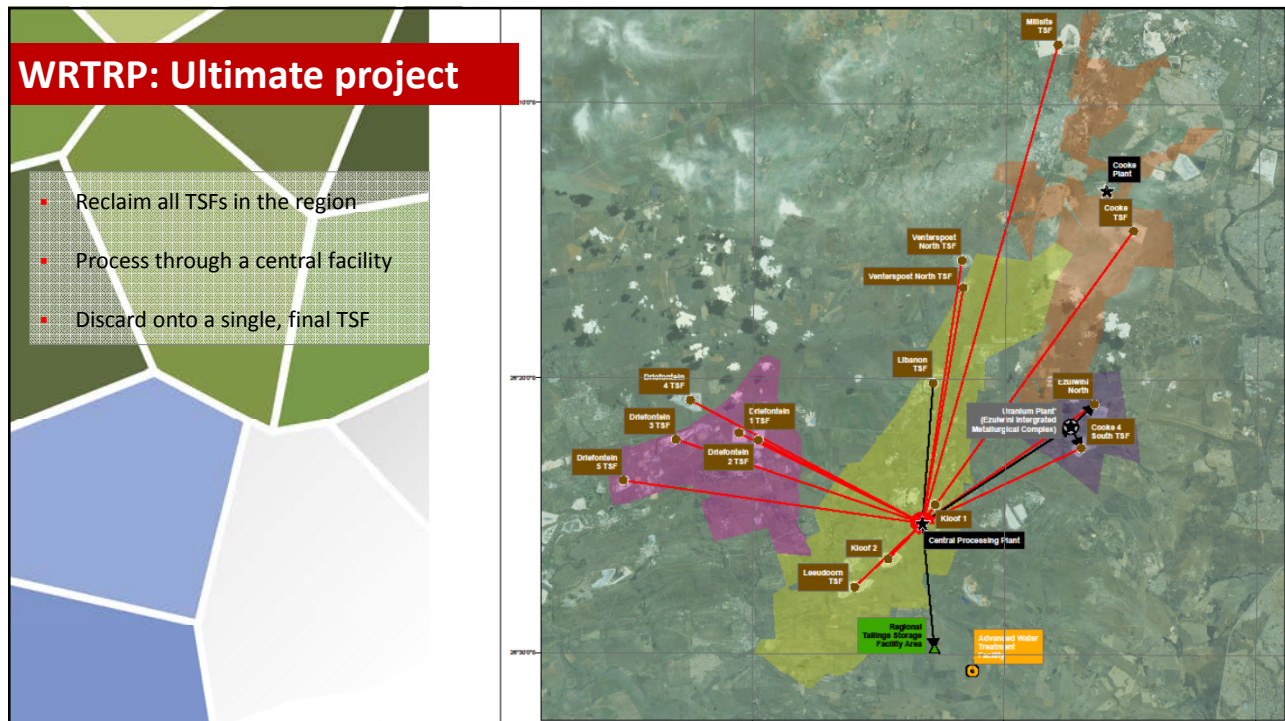
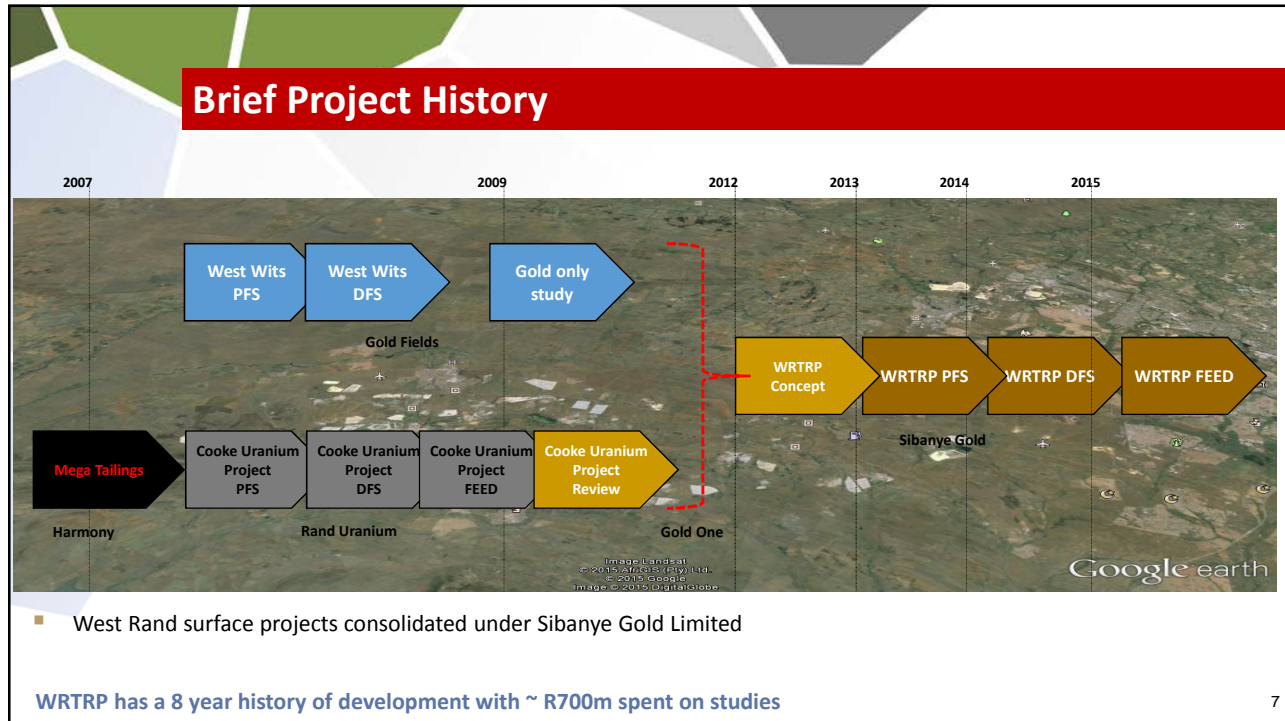
Vanessa Viljoen
Stakeholder Engagement

Qondile Monareng
Stakeholder Engagement



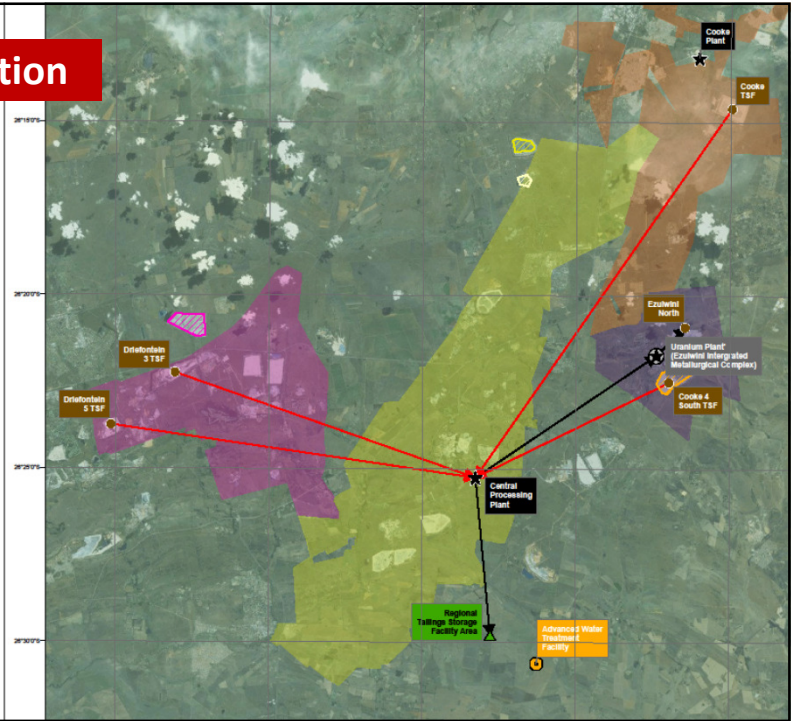
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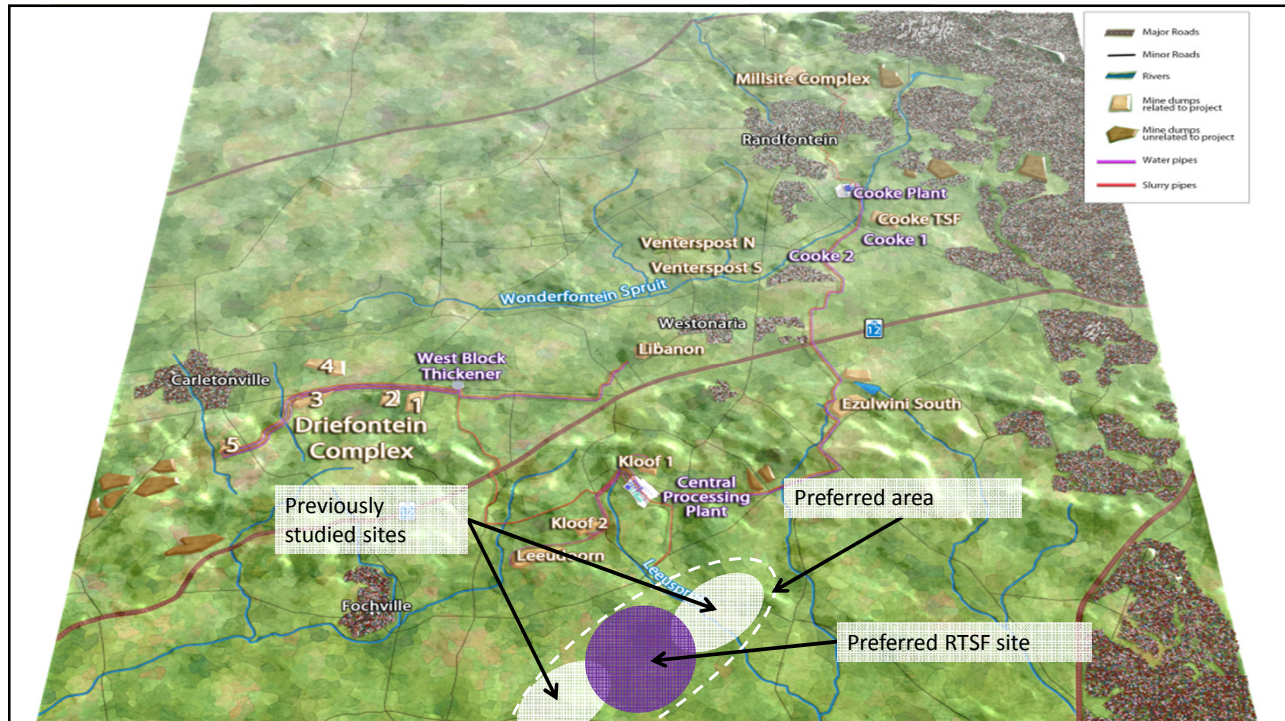
WRTRP: Initial implementation

- Reclaim 4 TSFs
- Process through 1st CPP modules
- Discard onto RTSF



Initial Implementation: Process





RTSF Site Selection						
Criteria	CTSf		Geluksdal TSF		RTSF (Preferred site)	
	Design	Suitable	Design	Suitable	Design	Suitable
Total volume	750 Mt	No	350 Mt	No	1.3 Bt	Yes
Rate of Rise to accommodate production of:	2.4 Mt/m	No	900 kt/m	No	4 Mt/m	Yes
Footprint	1 000 ha	No	1 000 ha	No	1 350 ha	Yes
Other risks/issues	Geology and topography is not as favourable.		Site overlies a significant area of wetlands		Footprint constrained by watercourses	
	Authorities and I&APs want a single deposition facility which this option does not support.		Authorities and I&APs want a single deposition facility which this option does not support.		This site will support the Authorities' and I&APs requirement for a single deposition facility.	

Note: site selection for the CPP was also carried out as well as consideration of alternatives for the pipelines.

EIA Process - Purpose

To satisfy the requirements of:

- National Environmental Management Act (Act 107 of 1998)
- National Environmental Management: Waste Act (Act 59 of 2008)
- Minerals and Petroleum Resources Development Act (Act 28 of 2002)
- National Water Act (Act 36 of 1998)
- National Nuclear Regulator Act (Act 47 of 1999)
- National Heritage Resources Act (Act 25 of 1999)

EIA Process - Legislation

Minerals and Petroleum Resources Development Act (Act 28 of 2002) – **MPRDA**, regulated by the National Environmental Management Act (Act 107 of 1998) – **NEMA**, Regulations

National Environmental Management: Waste Act, 2008 (Act No. 59 of 2008) - **NEM:WA**

Listed activities applied for:

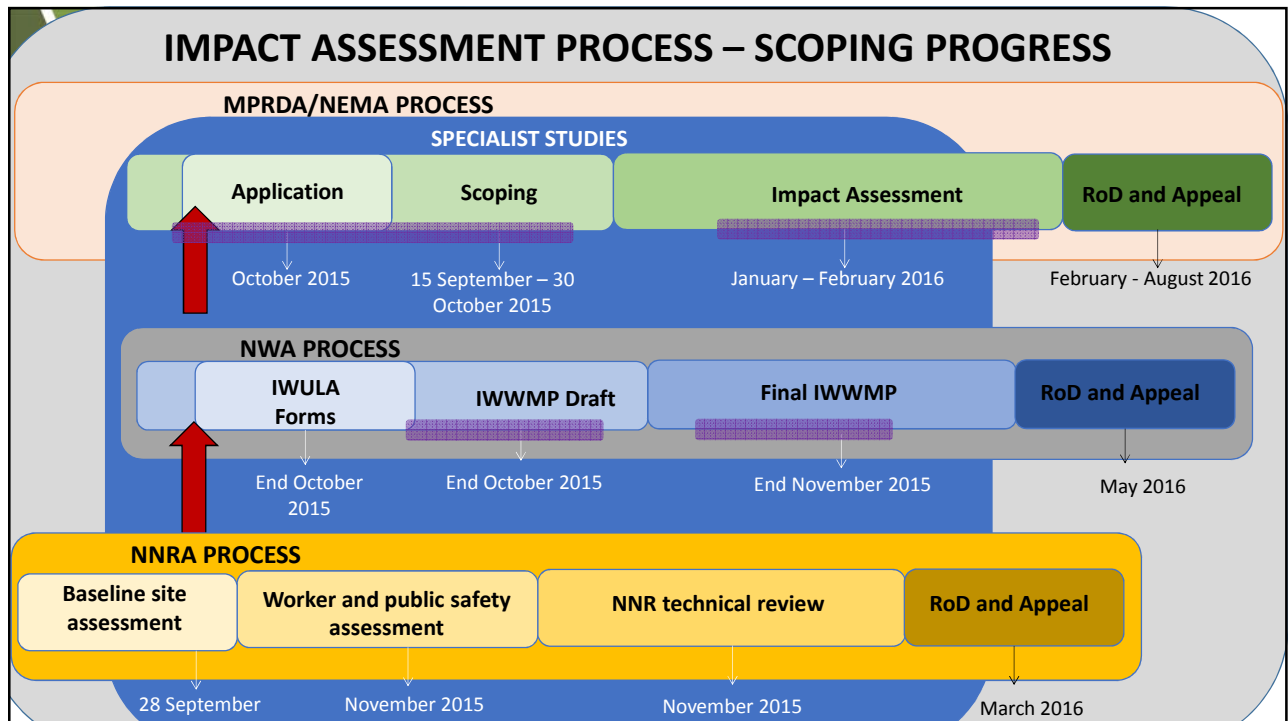
- GNR 983 - 9, 10, 11, 12, 14, 16, 19, 24 45 and 67
- GNR 984 – 6, 15, 16, 17, 21, 25 and 28
- GNR 921 - Activity 1, 7 and 11 of Category B

National Water Act water uses:

- Section 21 (a), Section 21 (b), Section 21 (c) & (i), Section 21 (f), Section 21 (g) and Section 21 (j)

EIA Process - Legislation

Listing notice GNR 983 (Basic Assessment) (NEMA)	
Activity 9, 10, 12, 19, 45	Transportation of water and slurry from K10 and between the reclamation sites, the WBT, the CPP and the RTSF. These will traverse a number of watercourses and certain pipelines will be upgraded.
Activity 11	The development of facilities or infrastructure for the transmission and distribution of electricity. The electrical switch gear will be 132 kV (transmission will be either 6.6 kV or 11 kV).
Activity 14	Diesel and reagents storage for the CPP. Diesel storage on site will be at least 80 m ³ and in horizontal tanks. Total cyanide storage will be approximately 150 m ³ ; caustic storage 80 m ³ and acid storage 40 m ³ .
Activity 16	Desalination works at AWTF.
Activity 24	Additional roads to be constructed to allow for access to new infrastructure such as the RTSF and CPP.
Activity 27	Clearing of land for the construction of the CPP, RTSF and AWTF.
Activity 67	Phased construction of the CPP and RTSF. The CPP will be constructed in phases over an eight year period. The RTSF will be constructed as required over the life of the project.
Listing notice GNR 984 (Full Scoping and EIA) (NEMA)	
Activity 6 and 28	Applications for authorisation will need to be submitted in terms of the NNRA, NWA and NEM: AQA.
Activity 16	Construction of the RTSF and the RWD. The RTSF will have a final height of 100 m and cover an area of 1 350 ha. The RTSF's RWD will have a wall height of 5 m to 10 m, and with a total storage volume of at least 3.5 Million m ³ .
Activity 17	A Section 102 Amendment will be applied for to include the additional mining operations into the existing Kloof mining right.
Activity 21	Reprocessing of gold and uranium tailings at the CPP.
Activity 25	Operation of the AWTF.
Listing notice GNR 921 (Full Scoping and EIA, Category B) (NEM: WA)	
Activity 1	Construction and operation of the RTSF and the sewage treatment plant.



Specialist Studies

Purpose:


- Understand the project environment prior to commencement - Baseline
- Identify potentially significant impacts to investigate
- Develop terms of reference for EIA phase

Terms of Reference / Plan of Study

Outline what is required to understand and quantify the potential impacts

Studies proposed:

Air Quality	Socio-economic	Aquatics
Noise	Macro economics	Fauna & Flora
Radiation	Heritage and Archaeology	Soils
Groundwater	Visual and Topography	Wetlands
Surface Water	Rehabilitation	



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Specialist scoping: Air Quality

Baseline

- Lakes Environmental Modelled Data (January 2012 to December 2014):
 - Winds dominant from NNE and N
 - Average temperatures range from 16.6°C to 26.7°C
 - Average rainfall of 591 mm/year and maximum of 1 065 mm/year
 - Average evaporation of 178 mm/year and maximum of 263 mm/year.
- Dust fallout generally within NDCR (2013) guidelines:

Potential Impact

- Generation of particulate matter from RTSF.
- Stack emissions from CPP.
- Removal of historical TSFs remove permanent pollution source.

Terms of Reference / Plan of Study

- Baseline Assessment;
- Dust Fallout Monitoring;
- Emissions Inventory;
- Dispersion Modelling; and
- Air Impact Assessment.

Specialist scoping : Radiation

Baseline

- Presence of Uranium in Historical TSFs
- Area may contain Naturally Occurring Radioactive Materials (NORM)
- Radiological contamination exists in Western Basin streams due to untreated decant

Potential Impact

- Possible radioactive contamination of surface water and sediments
- Human and animal health impacts
- Contamination of soil
- Air quality impacts from historical TSFs
- Reduced groundwater contamination from historical TSFs

Terms of Reference / Plan of Study

- Baseline radionuclide measurements
- Analyse baseline samples
- Develop radon dispersion model
- Undertake public safety assessment
- Undertake worker safety assessment



Specialist scoping : Noise

Baseline

- Ambient noise at proposed RTSF above SANS 10103:2008 guidelines for day and night time, with CPP above guidelines for night time only.
- Driefontein 3 TSF below SANS guidelines, with Driefontein 5 TSF exceeding guidelines during night time.


Potential Impact

- Increase in ambient noise levels due to:
 - construction and reclamation activities
 - water pumps; and
 - Operation of the CPP.

Terms of Reference / Plan of Study

- Baseline noise measurements;
- Noise dispersion modelling in support of the application for the CPP and RTSF;
- Significance of impacts; and
- Noise management programme





Specialist scoping : Groundwater

Baseline

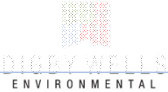
- Historical TSFs underlain by sensitive dolomitic aquifers
- RTSF underlain by Strubenskop shale, Daspoort quartzite and Silverton shale units; no dolomites encountered up to 3 km.
- Groundwater usage around RTSF include livestock watering, irrigation and potable uses.

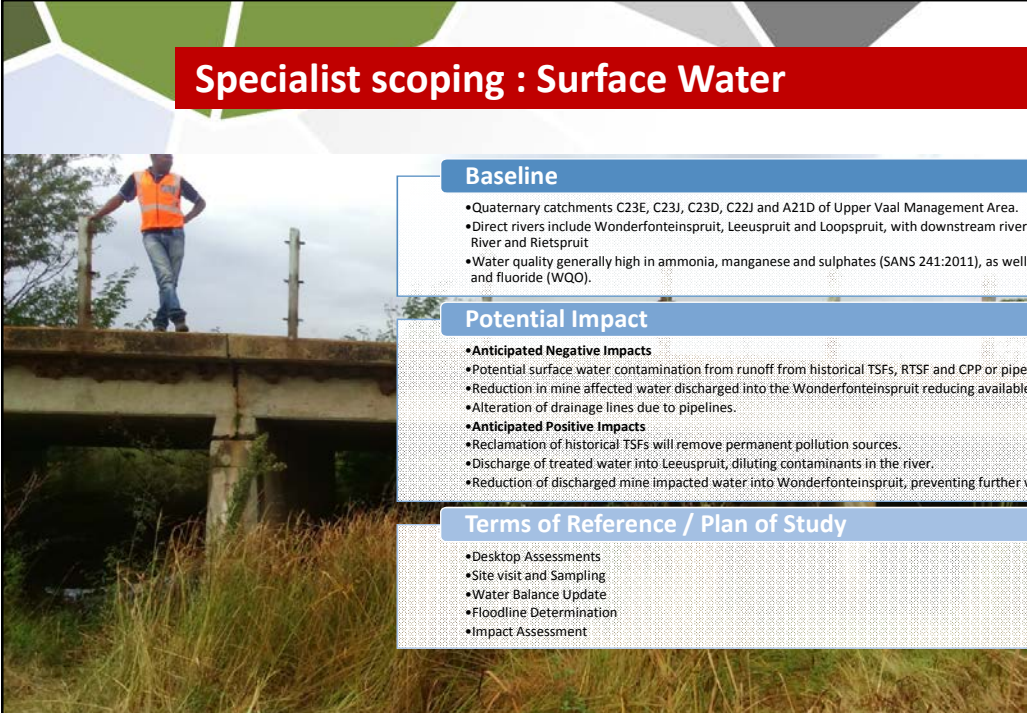
Potential Impact

- Anticipated Negative Impacts**
 - Seepage from RTSF and RWD may impact groundwater quality.
 - Potential dewatering for interception boreholes may impact on groundwater quantity.
 - Pipeline spills and leaks impacting on groundwater quality.
- Anticipated Positive Impacts**
 - Reclamation of historical TSFs removes permanent pollution sources on dolomitic aquifers (positive impact).
 - Extraction of mine affected water (K10 and Cooke shafts) for use in reclamation and eventual treatment to potable standards (positive impact).

Terms of Reference / Plan of Study

- Hydrocensus;
- Geophysical surveying;
- Geochemical assessment of tailings;
- Borehole drilling; and
- Aquifer testing.





Specialist scoping : Surface Water

Baseline


- Quaternary catchments C23E, C23J, C23D, C22J and A21D of Upper Vaal Management Area.
- Direct rivers include Wonderfonteinspruit, Leeuspruit and Loopspruit, with downstream rivers including Mooirivierloop River and Rietspruit
- Water quality generally high in ammonia, manganese and sulphates (SANS 241:2011), as well as conductivity, nitrates and fluoride (WQO).

Potential Impact

- Anticipated Negative Impacts**
 - Potential surface water contamination from runoff from historical TSFs, RTSF and CPP or pipeline spills and leaks.
 - Reduction in mine affected water discharged into the Wonderfonteinspruit reducing available water quantity.
 - Alteration of drainage lines due to pipelines.
- Anticipated Positive Impacts**
 - Reclamation of historical TSFs will remove permanent pollution sources.
 - Discharge of treated water into Leeuspruit, diluting contaminants in the river.
 - Reduction of discharged mine impacted water into Wonderfonteinspruit, preventing further water quality degradation.

Terms of Reference / Plan of Study

- Desktop Assessments
- Site visit and Sampling
- Water Balance Update
- Floodline Determination
- Impact Assessment



Specialist scoping : Soils and Land Capability

Baseline

- Project area dominated by Ab, Fb, Ba and Bb land types.
- Includes red well drained soils (Hutton), Shallow stony and rocky soils (Mispah), wet soils (Longlands and Wasbank) and heavy clay soils (Valsrivier and Sterkspruit).
- Land capability of Class III (Moderate Cultivation) across northern sections of project area, Class II (Intensive Cultivation) in the southern sections and limited to Class VI (Moderate Grazing) in the middle band.

Potential Impact

- Loss of topsoil as a resource from erosion and compaction due to clearing and stockpiling activities.
- Loss of land capability and land use (agriculture), particularly at the RTSF.
- Rehabilitation of historical TSFs and final land use (positive impact).

Terms of Reference / Plan of Study

- Obtain baseline soil data from south african land type data
- Auger soils in RTSF footprint to determine land use potential (1.2 m deep)
- Use deeper geotechnical pits in combination
- Conduct impact assessment

Specialist scoping : Aquatic Ecology

Baseline

- 13 Sub Quaternary Reached (SQR) affected by the project.
- PES of these SQRs range between Class D to Class E (Largely to Seriously Modified).
- Modification attributed to urban and industrial areas impacting on instream and riparian systems.
- Aquatic biota considered to be low importance with low sensitivities in these systems.

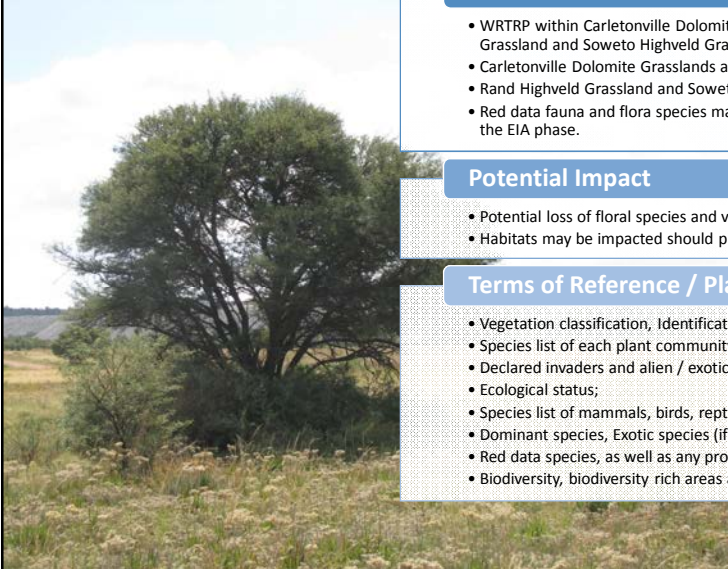
Potential Impact

- **Anticipated Negative Impacts**
- Water degradation from historical TSFs, RTSF, CPP and pipeline spills and leaks may impact aquatic habitats.
- Reduction in water discharged into Wonderfonteinspruit and increased discharge into Leeuspruit may alter instream and riparian habitats.
- **Anticipated Positive Impacts**
- Potential to improve water quality in Wonderfonteinspruit and Leeuspruit due to abstraction of mine affected water and discharge of treated water, improving ecological status of rivers.
- Removal of the historical TSFs and associated contaminants.

Terms of Reference / Plan of Study

- **The Abiotic Driver Assessment:**
 - The assessment of physio-chemical variables of the water; and
 - Invertebrate Habitat Assessment System (IHAS).
 - Intermediate Habitat Integrity Assessment (IHIA)
- **The Biotic Response Indicator Assessment:**
 - South African Scoring System version 5 (SASS5);
 - Macro – Invertebrate Response Assessment Index (MIRAI); and
 - Fish Response Assessment Index (FRAI).

Specialist scoping : Fauna and Flora



Baseline


- WRTRP within Carletonville Dolomite Grasslands, Gauteng Shale Mountain Bushveld, Rand Highveld Grassland and Soweto Highveld Grassland Vegetation Types.
- Carletonville Dolomite Grasslands and Gauteng Shale Mountain Bushveld considered as Vulnerable.
- Rand Highveld Grassland and Soweto Highveld Grassland considered Endangered.
- Red data fauna and flora species may occur through project area; these will be confirmed as part of the EIA phase.

Potential Impact


- Potential loss of floral species and vegetation types, reducing biodiversity, during site clearing.
- Habitats may be impacted should pipelines leak and spill.

Terms of Reference / Plan of Study

- Vegetation classification, Identification of any important and sensitive plant communities
- Species list of each plant community;
- Declared invaders and alien / exotic species and Rare or endangered species;
- Ecological status;
- Species list of mammals, birds, reptiles, amphibians and invertebrates;
- Dominant species, Exotic species (if present);
- Red data species, as well as any protected species; and
- Biodiversity, biodiversity rich areas and sensitive areas.



Specialist scoping : Wetlands



Baseline

- River systems associated with project are largely modified.
- Channelled and unchannelled valley bottom wetlands and pans within project area.
- PES and EIS of wetlands to be determined as part of EIA phase.

Potential Impact

- Loss of wetland habitat through construction of RTSF, CPP, thickeners and bulk water storage facilities.
- Contamination and sedimentation to wetlands for development and potential spills and leaks of pipelines.

Terms of Reference / Plan of Study

- Delineation of wetlands.
- Wetland integrity.
- Wetland functionality.
- Wet-Health and Wet-Eco-services and Ecological Importance of the System

Specialist scoping : Socio, Economic and Traffic



Baseline

- West Rand District Municipality and within Westonaria LM, Merafong City LM and Randfontein LM (limited in City of Johannesburg LM and Mogale City LM).
- Land uses categorised into three main divisions; agriculture, mining and residential.
- Westonaria and Merafong City LMs comprise 35.8% of West Rand DM (2013). Mining contributed 11.2% of West Rand DM GDP (2013).

Potential Impact

- **Anticipated Negative Impacts**
- Population influx (and resultant impacts) due to economic opportunities.
- Economic displacement due to the RTSF.
- **Anticipated Positive Impacts**
- Employment opportunities, direct and indirect.
- Skills and upliftment of project residents.
- Removal of pollution sources.

Terms of Reference / Plan of Study

- Employment creation;
- Local economic and community development;
- Physical and economic displacement;
- Damage or disturbance to archaeological and cultural heritage; and
- Decrease quality of life due to nuisance effects.
- Changes to current traffic volumes and preferred routes

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Specialist scoping : Heritage

Baseline

- Project area underlain by Karst topography.
- Stone Age and Late Farming Community sites recorded in larger project area, including stone age lithics and stone walled settlements.
- Graves and burial grounds for RTSF.

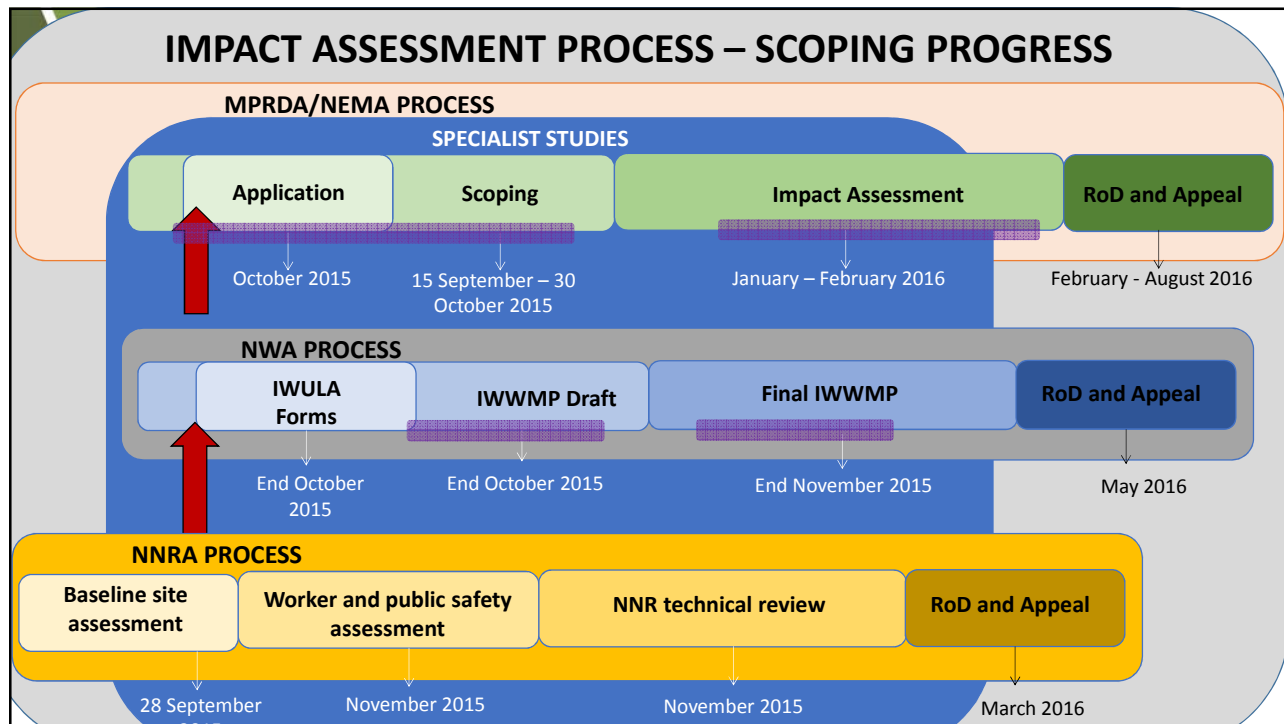
Potential Impact

- Potential damage to heritage resources including graves, structures older than 60 years and stone age lithics.

Terms of Reference / Plan of Study

- Archaeological resources protected under Section 35 of the NHRA;
- Built Structures protected under Section 34 of the NHRA;
- Burial Grounds and Graves protected under Section 36 of the NHRA.





Public Participation

- **Contributions** from stakeholders assist with **informed decision-making** for authorities and provide information to be considered by the project team and specialists that are conducting studies.
- **Scoping Reports** with Comment and Response Report (CRR) for the project is available for a comment period **15 September – 6 November 2015**.

Contact Person	Venue	Contact number
Ms Maryna Moolman	City of Johannesburg Metropolitan Library	(011) 226 0953
Ms Marjorie Faber	Randfontein Public Library	(011) 411 0075/6
Ms Esme Kuipers	Westonaria Public Library	(011) 278 3124
Mr Moses Mphahlele	Toekomsrus Public Library	(011) 412 1025
Mr Lungile Letshekha	Fochville Public Library	(018) 788 9845
Ms Carol Skuce	Carletonville Public Library	(018) 788 9539
Ms Tebogamo Mampe	Bekkersdal Public Library	(011) 755 3873

(www.digbywells.com/en/public-documents/sibanye-gold-west-rand-tailings-retreatment-project/) or phone and request CD copy

Contact Details

Digby Wells Environmental

- Vanessa Viljoen / Qondile Monareng
- Stakeholder Engagement
- Tel: 011 789 9495
- Fax: 086 583 5715
- www.digbywells.com
- Vanessa.viljoen@digbywells.com
- Qondile.monareng@digbywells.com

Sibanye Gold

- Nico Gewers
- Group Environmental Manager
- Tel: 011 278 9749
- Fax: 086 295 5752
- www.sibanyegold.co.za
- Nico.gewers@sibanyegold.co.za



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Thank You.



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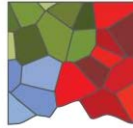
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Appendix J: Announcement Letter for the Draft EIA/EMPs



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Project Reference: GOL2376

22 January 2016

ENVIRONMENTAL REGULATORY PROCESSES FOR SIBANYE GOLD'S PROPOSED WEST RAND TAILINGS RETREATMENT PROJECT, GAUTENG PROVINCE

Availability of Draft Environmental Impact Assessment Reports

Dear Stakeholder,

We thank stakeholders who have contributed comments on the Environmental Impact Assessment (EIA) process to date. This letter serves to inform you that the specialist studies have now been completed and that the Draft Environmental Impact Assessment Reports (DEIARs), Environmental Management Plans (EMPs), Integrated Water and Waste Management Plan (IWWMP) are now available for public comment.

The aforementioned reports will be available for public comment for a period of 30 days from **Monday, 1 February to Tuesday, 2 March 2016** at the following public places:

Person	Location	Contact
Printed Copies		
Ms Maryna Moolman	City of Johannesburg Metropolitan Library	(011) 226 0953
Ms Marjorie Faber	Randfontein Public Library	(011) 411 0075/6
Ms Esme Kuipers	Westonaria Public Library	(011) 278 3124
Mr Moses Mphahlele	Toekomsrus Public Library	(011) 412 1025
Mr Lungile Letshekha	Fochville Public Library	(018) 788 9845
Ms Carol Skuce	Carletonville Public Library	(018) 788 9539
Ms Tebogo Mampe	Bekkersdal Public Library	(011) 755 3873
Electronic Copies		
Vanessa Viljoen	www.digbywells.com/en/public-documents/sibanye-gold-west-rand-tailings-retreatment-project/ , or phone and request CD copy	(011) 789 9495

How to comment on the reports

Comments on the various reports can be submitted through any of the following means:

- Completing a Registration and Comment Form that can be obtained from the Stakeholder Engagement Office and from public places listed above;
- Writing a letter;
- Sending an email, fax or post, the details of which can be found at the end of this announcement letter;
- Providing comments at any of the Open House meetings; or
- Phoning the Stakeholder Engagement Office as per the details at the end of this announcement letter.

Invitation to Open House Meetings

Open House meetings will be held to discuss content of the various reports and to obtain stakeholder comments as indicated below.

Date	Time	Venue
Wednesday, 17 February 2016	16:00 – 18:00	Westonaria Banquet Hall (Cnr Neptunus & Satarnus Streets, Westonaria)
Thursday, 18 February 2016	16:00 – 18:00	Carletonville Community Hall (Birly Street, Carletonville, GPS: 27° 24' 6.241" E, 26° 21' 21.240" S)

Stakeholders affected by, or who are interested in the proposed project, are invited to register as an Interested and Affected Party (I&AP). Please complete and return the attached Registration and Comment Form to Digby Wells to register as I&AP, to indicate your interest in receiving further information regarding the EIA process or to submit comments.

You are also welcome to contact the Stakeholder Engagement Office on Tel: 011 789 9495, Fax: 086 583 5715, Postal: Private Bag X10046, Randburg, 2125, Email: vanessa.viljoen@digbywells.com or nestus.bredenhann@digbywells.com. Your input and feedback are highly valued.

Yours sincerely



Nestus Bredenhann

Stakeholder Engagement Office

Enclosed:

- *Registration and Comment Form*

Public Participation Report

Environmental Regulatory Processes for Sibanye Gold, The West Rand Tailings Retreatment
Project, Gauteng Province

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Appendix K: NFMD Petition

Sibanye Gold, Digby Well's, Water Affairs, Environmental Westonaria
By Hand

NFMD
P O Box 597
Fochville
2515
E-mail: prointernational@absamail.co.za
E-mail: carlvh58@gmail.com
14 Dec 2015

Re: SIBANYE GOLD's PROPOSED WEST RAND TAILINGS RETREATMENT PROJECT, GAUTENG PROVINCE.

We as the NFMD (No for Mega Dump) Forum representing the Community (farmers, business owners and residential area).

Attached find signed petition forms (29 forms and 793 signatories) and letter from Tom MgGhee our Consulting Geologist.

We would like to rise the following objections:

1. Agricultural land lost
 - a) Estimated agricultural land lost is 1400 ha.
 - b) Estimated tons lost is 9800 per season.
 - c) Estimated lost to farmers R39 million per season.
 - d) This is food that is lost out of 49 million South African people mouths (this is 200 gr per portion per person per day). This excludes all by products from maize.
2. Job losses
Permanent workers staying on farmer's property will have to vacate the land. Promises to Community that there will be jobs for them but it is not stipulated that it isn't permanent (only contract work). No communication was given to the Community that the permanent farm jobs will be lost permanently. A list available on request for jobs for Community on the Mine.
3. Droughts
Back filling was stopped at South Deep Mine due to water shortage.
4. Pipelines
 - a) Is approximately 130 km according to the Digby Well's Environmental Report Project Reference: GOL2376 OF 1 September 2015. Where will the water come from in a Country that is currently in a water crisis?
 - b) No reports is out about the strain that the sludge will cause on the pipelines.
 - c) On the Sibanye Report 2014 stating of the problems of mine acid drainage.
 - d) At the moment streams (spruite) is running dry and this is effecting the wetlands in our area and this is caused by Sibanye Gold.
 - e) With reference to a letter send on 19 January 2012 from Gold Fields to some farmers undersigned by P.A.H Jacobs Head of Sustainable Development that: "we have recently

noticed that the water quality results of the ground water in the respect of the borehole(s) on your property indicate that the water emanating from borehole(s) situated in your property does not meet the standards for drinking water. They show elevated levels of Arsenic in your water (namely, above the limit of 10 mg/l)."

- f) The Mega Dump will have a worse impact on the surrounding farms.
- g) Referring back to Tom McGhee's letter stating the danger to contamination of streams, wetlands and the Vaal River.
- h) Re-using the water will lead to increased contamination and Uranium remains in the water this makes it highly poisonous.

5. Dust

- a) According to law there must be eight buckets showing in the eight different wind directions.
 - a.a Dust test can't be done accurately as the buckets are lying on the ground. Photo's is available on request.
- b) Absorption of potentially carcinogenic materials by maize and other crops will cause an epidemic of enormous proportions.
- c) Dust health hazards of Uranium bearing dust on both humans and animals have not been studied enough.
- d) There is no indication in the scoping report of the effect of the dust on a 100 m Mega Dump.
- e) Huge dust pollution already visible in 30 km radius. Photo's available on request.
- f) The effect of the dust on the agricultural land – acid increases the need for additional lime and fertilizer. No mentioning in scoping report. Party responsible for additional cost? Recession?

6. Erosion

Scoping Report indicate that there is already erosion in the area. The report states that the Dump will prevent further erosion?

7. Digby Wells

- a) Insufficient time was allowed for the study of the scoping report. Four books of scoping report can't be read in a library in a few hours.
- b) Duplication of certain information of the Geluksdal Scoping report was noted in the current report.
- c) Residents of Fochville who will be affected the most was not briefed or called for a meeting.
- d) Borehole results still pending after nearly a year. The farmers wasn't connected to a borehole. Promises was not kept.
- e) 1.8 billion Rehabilitation Trust fund as per 2014 Annual report won't be sufficient for the rehabilitation of the effected as per the project.
- f) Effective farmers were wrongly marked on the report.
- g) This project is the same as the Geluksdal project that was rejected the difference is 1 km and not 25 km as stated in the Beeld copy available on request.
- h) Refer to 4.e. It is clear that the Mine is not compensating or assisting farmers even though they are directly responsible for water and land contamination. Human Rights stipulate that you have the right to live in a healthy Environment with no water and dust contamination.
- i) This already proves that the Mine can't be trusted. This adds to the affected parties concern of Mine's future liability.

We totally object to the Mega Dump and Uranium Plant.



Jaco Taute
Chairman
0826352424
prointernational@absamail.co.za



Carl van Heerden
Vise Chairman
0733909085
carlvh58@gmail.com

Digby Wells Environmental

Attn : Mr Nestus Bredenhan

Tom McGhee
PO Box 74355
Lynnwood Ridge
0040
Pretoria
thomasdave@mweb.co.za
14 Dec 2015

Re : SIBANYE GOLD's PROPOSED WEST RAND TAILINGS RETREATMENT PROJECT, GAUTENG PROVINCE.

With reference to the above project I would like to make the following submissions:-

1. Geology

It would appear that a full geological evaluation of the proposed new Regional Tailings Storage Facility (RTSF) has not yet been done and it is considered that it would be unadvisable to consider constructing a mega dump of the size envisaged without proper geological consideration.

On the maps provided, it is indicated that the RTSF will be built on "solid bedrock": This unfortunately is not a geological term and does not cover salient points such as the following

- a) Type of bedrock – it is alluded that the bedrock is impervious and would not allow seepage into the underlying dolomites. No rocks are completely impervious and the amount of porosity will be based on rock type, strike and dip of the strata (if sedimentary rocks), the fracturing of the rocks, any faults or major lineaments that pass through the area. The RTSF in fact is planned to be in an area of the extension of the well-known Pretorius Fault. Has any survey been done to confirm that offshoots of the fault or extensions do not underlie the proposed site?
- b) Thickness of bedrock from surface to underlying dolomites – the thickness of the bedrock above the underlying dolomites is once again important. As stated before that no rocks are impervious, the thinner the strata, the more likely and the greater the volume of water, that will seep through to the underlying dolomites.
- c) Have any studies been carried out with reference to the weight of the tailings on the underlying strata. A dump of some 70m tall will cause enormous pressure on the bedrock and could cause slip along either bedding planes or fault planes, especially if they are lubricated with water from the slimes.

2. ENVIRONMENT

In the Environmental Management Framework (EMF) for the West Rand District Municipality (WRDM) by BKS (pty) Ltd, the ecostatus area of the proposed RTFS is considered to be Endangered (map 18 of the report). Surely this means that the construction of such a large polluting facility should not be allowed.

Furthermore, the ridges over which the proposed slimes pipelines will be running are considered to be class 1 and class 2 ridges (Map 8).

Reading the report in its entirety suggests that the positioning of the RTFS is inadvisable in the least.

3. Water

Construction of the RTFS in the proposed area is moving a source of contaminated water closer to the Vaal River. Any leakage of water either through the base of the dam or through burst pipelines would place the Vaal River in jeopardy. The mining of the old dumps will be using contaminated water from the existing mines and then pumping a slurry through to the treatment plant. This will only increase the amount of contamination or the acidity of the water spreading the risk along a channel of 160km of pipeline. Retreatment of Acid Mine Drainage has only been successful in one plant in Witbank and this at great expense. Once the water has been treated at the Advanced Water Treatment Facility, where will it go? If it is not properly controlled, it will almost certainly end up in the Vaal River which of course will affect agriculture in a much wider area.

In a report prepared by Dr Suzan Oelofse, for the Dept of Environmental Affairs and Tourism, she states that "The release to the environment of mining waste can be profound, generally irreversible destruction of ecosystems. In 1989, it was estimated that about 19 300 km of streams and rivers, and about 72,000 ha of lakes and reservoirs worldwide have been seriously affected by mine effluents, although the true scale of the environmental pollution caused is difficult to assess and quantify accurately (Johnson and Halberg, 2005)".

4. DUST

Although very few studies have been carried out on the health hazards of uranium bearing dust on both humans and animals, it is considered to be a huge risk in the area. Should the maize and other crops absorb potentially carcinogenic materials, we could be looking at an epidemic of enormous proportions. Much more needs to be done before spreading the risk to an uncontaminated portion of the country which is already endangered according to the EMF of the WRDM.

With this project having a lifespan of over 30 years, it is apparent that both the area of the existing dumps and the area of the proposed RTSF as well as a large area on either side of the proposed pipelines will be under threat during this period with no benefits to existing communities. I seriously urge you to reconsider your proposal

Tom McGhee

Consulting Geologist

References

1. "The impact of acid mine drainage in South Africa" Terence S. McCarthy, School of Geosciences, University of the Witwatersrand, Johannesburg, South Africa 2011
2. "Emerging Issues Paper : Mine Water Pollution 2008" Dr Suzan Oelofse, CSIR, Natural Resources and the Environment (prepared for the Dept of Environmental Affairs and Tourism, Directorate : Information Management

3. "Environmental management framework (draft EMF) for the West Rand District Municipality (WRDM)" BKS (Pty) Ltd 2013
4. "Scoping Report for Listed Activities Associated with Operations at Cooke Complex, Sibanye Gold Limited" by Digby wells Environmental on behalf of Sibanye Gold Limited

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Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
Susan Thure	082 776 5865	[Signature]
Jaco Thure Sue	082 635 2424	[Signature]
Jaco Thure JWE	076 199 4566	[Signature]
ADRIAN Thure	082 334 6686	[Signature]
LUNET Thure	071 164 0035	[Signature]
Victor Sigongane	078 507 1907	[Signature]
[Name obscured]	[Number obscured]	[Signature]
Mina Rudman	083 6833100	[Signature]
ALF RUDMAN	083 763 6889	[Signature]
CARL VAN HEERDEN	073 3709039	[Signature]
BARBY VAN WYK	0823 754 238	[Signature]
Jean Coester	083439 1590	[Signature]
myra Coester	079695 3689	[Signature]
Marbie van Heerden	083 775 8126	[Signature]
Marilho van Heerden	071 643 5243	[Signature]
PEET BOTHA	084 2111065	[Signature]
MAKIE BOTHA	0724334360	[Signature]
Johan Dasmann	078 801 2197	[Signature]
Jannip Steyn	076 754 6743	[Signature]
Annemare de Villiers	082 769 2474	[Signature]
Marchand	0824 233562	[Signature]
Annemare de Villiers	0824 233562	[Signature]
Juan-Louis de Villiers	071 668 755	[Signature]
Annemare de Villiers	0824 233562	[Signature]
Kate Genge	082 9289 320	[Signature]
Rince ALBERTS	082 533 7145 64	[Signature]
[Name obscured]	082 534 0100	[Signature]
Wentes Dippender	0529215588	[Signature]
Lo-Rochelle Dippender	082 718 4001	[Signature]
Johan van Rooden	077 663 9801	[Signature]
Miriam van Rooden	072 913 7215	[Signature]
Shadrach Moleke	0742530776	[Signature]

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Petition

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Name & Surname	Telephone number	Signature
LATHEA VIMARK	083 807 1111	
Peter Foss	01057487	
Rhodes van Mourik	083 262 3516	
Dick Cunn	012 205 2762	
Richard Conje	071 747 5823	
Marivelle Kibogo	082 953 9358	
Alison de Villiers	071 376 1100	
A Fawc	072 706 1613	
Franco's Vorster	073 572 6008	
Simone Obermeyer	019 581 0197	
Charles Steyn	082 725 9777	
Suzanne Els	082 2487 7899	
LINDIE VAN ZYL	082 30577912	
Kim van Gorp	084 577372	
Anaële Tjebbi	083 4540388	
Annie Piekwe	083 808 3849	
W. J. van Vuur	070 937 0308	
D. O. Berg	052 727 7635	
Annie Uys	082 11666559	
André Cöbbergen	071 0132984	
Hester Pretorius	082 1030507	
Hans Pretorius	082 724 3612	
Jonckheere Uys	082 188 4712	
Maria van der Merwe	087 894 6936	
Julia du Plessis	011 713 0378	
C. van der Merwe	072 915 1130	
Thys Koo	082 335170	
W. Gille Ross	072 801 9262	
Piet Jansen	082 708 5585	
Christine Tanno	076 765 1683	
M. Bosman	012 771 2860	
J. van der Merwe	060 794 3322	

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Name & Surname	Telephone number	Signature
P.A. FROENIMAN	082 9032392	
A de Vries	08425156364	
R. Vot	0832254814	
B. Ferris	066 128 6106	
B. Mathlola	081 053 0187	
D. Botha	771 234 8361	
T.V. MESSERER	0763581151	
Isabella J. Rensburg	0194975473	
Melanie Mitchell	0824623444	
John Mitchell	0824623444	
Amarie Lottberg	0998763734	
ANITA LEAL KONDIGUS	0799539378	
Angie Pradobandj	0827715220	
J. Botha	0187717984	
J Le GRANGE		0187717984
E v Biljan		0187717984
C. STEIN		0712157904
O. Mkhali		018771-4945
BONGANE MATHONGANE	018 771 4945	
THAMBA JAMES QONDILE	0714128730	
Bianca v Rump	081 076 5031	
M. Steenkamp	071 675 1474	
J. Mqobane	0187712060	
M. Turen	0187712060	
M. Mlambo	0187712060	
M. Kusku	082 808 1334	
Sandra Viljoen	0792751015	
Marilyn Nigini	071 892 4221	
Amarie Spina	0832067103	
Hano Mitchell	082 710 7500	
S. Y. Ibezuan	082 771 5751	
A. McIlroy	082 779 8752	

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(No For Mega Dump)

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Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
F. Broeders	0832303670	
N. Geldenhuys	073 160 4003	
M. P. K.	0824541927	
T. N. M. M.	0837150972	
H. S. M.	079 981 111	
C. A. D. Dippenaar	060 654 4899	
C. Beukes	082 371 4107	
C. H. S. V. M.	078 210 2003	
N. S. van Eeden	085 779 4563	
E. E. V. M.	018 771 2248	
M. S. S. M.	087 876 1320	
M. M. M.	083 941 5805	
J. M. M.	083 481 107	
S. M. M.	082 387 00155	
K. M. V. M.	072 504 5476	
S. M. S. M.	082 480 1456	
M. W. M.	079 350 700	
A. M. M.	018 771 2944	
F. de Villiers	018 771 2944	
F. J. S. M.	—	
P. J. S. M.	—	
M. S. M.	083 342 7406	
J. van Heerden	071 139 2121	
E. Geldenhuys	085 279 1100	
L. Beukes	076 899 6662	
William	060 334 4250	
J. B. M.	063 106 987	
S. S. M.	073 272 5116	
T. H. M.	079 86 60062	
T. H. M.	074 913 0182	
S. du Plessis	082 051 9981	
G. H. du Plessis	082 051 9981	

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Name & Surname	Telephone number	Signature
Annah LERGETHO	073 570 7780	K. LERGETHO
Maria Molefe	073 203 7440	M Molefe
Annah Mokone	091 943 744	A. Mokone
Eisio NAWASHIYA	079 183 218	Signature
C. B. W. Du Plessis	018 771 5593	C. W. du Plessis
Safira Fomansi	076 097 6179	Fomansi
Sifiso Mthyswane	0836354992	Signature
Angelina Sebokeng	071 3581876	Signature
Annie Mavis Lintum	082 5892680	Signature
Michelle Ivens	076 277 1059	Signature
Rina Mienie	011 601 1386	Signature
Tersia Brand	018 022 165 1665	Signature
Melanie du Plessis	072 835 8010	Signature
Tannie Scott	052 872 7216	Signature
Hussain Aslam	08149 081490025	Signature
Madelein O' Riley	0797108233	Signature
Monique Steyn	0826737 604	Signature
Julia Khanyile	073689 0160	Signature
Linhah Mokwane	07875103618	Signature
Fiona Mosuana	018 771 4107	Signature
David Kogobani	018 771 4077	Signature
August Tshenle	018 771 4027	Signature
Mzi	071918 0320	Signature
Emely	073 783 0881	Signature
Leanda	0820816247	Signature
MPHO KONE	0745643316	KONE J. M
MALUCHE MOKWASI	076 94605 46	M. Mokwasi
MOPHA	073 887 1052	M. Vena
Casim	084724132	Signature
MARLENE JACOBS	072 0600401	Signature
SAD DE BEER	0834338244	Signature
A ERASMUS	0736482571	Signature

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Name & Surname	Telephone number	Signature
C.D. Slater	082 878 1632	
C. Slater	082 878 1632	
JH Rudman	083 316 4896	
W Rudman	077 965 4631	
R. J. NOTHNAGEL	011 751 580 5480	
J.C. Notnagel	083 439 8492	
C.R. LAUBSCHER	011 751 5487	
S.E. DU PLESSIS	083 752 4524	
F. Mvelase	073 666 1118	
M. Nyibq	073 4261 396	
A. Spies	082 588 5611	
F. Venber	072 4811 521	
A. MOKOATLE	073 730 5063	
S. meko	082 414 9508	
S. LEWIS	082 222 7488	
V. Faure	0844910741	
A. Faure	0784050364	
J. Faure	073 2384559	
W. Zehn	072-300-3800	
R. Steyn	083 588 2296	
H. Steyn	083 584 1771	
C. Westerdun	082 802 8855	
J.B. Pitzloj	082 926 9493	
M. Metze	011 811 6664	
J. Venter	080 718 513	
J.P. Verbruggen	0606 774 893	
V. VENTER	071 535 6393	
N. Cronje	018 771 5050	
D. Oosthuizen	"	
CSH CARSTENS	018 771 5050	
D. Letshelo	018 771 2060	
D. Letshelo	018 771 2069	

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Name & Surname	Telephone number	Signature
T.P. Pretorius	083 209 2647	
M.H. Pretorius	082 852 2948	
G.H. De Wel	082 442 7146	
J.S. Tormay	083 2833437	
E. Hauptfleisch	083 345 8847	
J.S. Tormay	08461452854	
J.K. du Toit	082 667 4411	
J.P. du Toit	0833935588	
W.G. Conradie	073 1050181	
G. Meier	0718587795	
A. Pajetes	083 968 8277	
E. D'Amico	082 494 7522	
D.G. Nardjeck	0926921986	
K. Noyde	071191 4705	
M.G. Nuyk	0845186370	
R. Dwenage	081 442 1865	
Z. Dwenage	074 841 0888	
M. Spies	072 769 3731	
P. de Ruyn	083 2301290	
L. Coetzee	072 022 8419	
T. Esterhuysen	013 2177036	
P. Pfaber	082 715 6971	
G. van der Merwe	072-216 7803	
E. Moson	0603741582	
B. Morkgeng	0722121633	
M. Letshala	061 363 8947	
L.S. Morkgeng	073 911 6014	
Shanaaz Cheema	074 329 3475	
Faraz Osman	082 5786 846	
Shabir Ali	0746059205	
L. Cilliers	079 446 5175	
Mmoko. Motlotoa	078878 5350	

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Name & Surname	Telephone number	Signature
<i>[Handwritten Name]</i>	<i>[Handwritten Number]</i>	<i>[Handwritten Signature]</i>
<i>[Handwritten Name]</i>	<i>[Handwritten Number]</i>	<i>[Handwritten Signature]</i>
<i>[Handwritten Name]</i>	<i>[Handwritten Number]</i>	<i>[Handwritten Signature]</i>
Anordie Groenewald	081 884 2294	<i>[Handwritten Signature]</i>
E. Brits	0823352171	<i>[Handwritten Signature]</i>
L. Arbuckle	080082188	<i>[Handwritten Signature]</i>
L. Sm	081 505 8905	<i>[Handwritten Signature]</i>
J. Van Heerden	076 521 6972	<i>[Handwritten Signature]</i>
<i>[Handwritten Name]</i>	<i>[Handwritten Number]</i>	<i>[Handwritten Signature]</i>
E. Geerze	072 323 7730	<i>[Handwritten Signature]</i>
M. Meunus	0780713353	<i>[Handwritten Signature]</i>
R. Ditzo	07314 77398	<i>[Handwritten Signature]</i>
<i>[Handwritten Name]</i>	079 905 6020	<i>[Handwritten Signature]</i>
H. Meyer	072 7300858	<i>[Handwritten Signature]</i>
<i>[Handwritten Name]</i>	07399 19135	<i>[Handwritten Signature]</i>
S. Ail	081957 0318	<i>[Handwritten Signature]</i>
M.L. Jantjie	083 719 7269	<i>[Handwritten Signature]</i>
<i>[Handwritten Name]</i>	<i>[Handwritten Number]</i>	<i>[Handwritten Signature]</i>
R. N. Le Roux	0829312388	<i>[Handwritten Signature]</i>
B. Botha	018771 3349	<i>[Handwritten Signature]</i>
U. Rasogo	0710306738	<i>[Handwritten Signature]</i>
S. Olyd	0187713349	<i>[Handwritten Signature]</i>
<i>[Handwritten Name]</i>	083 240 6543	<i>[Handwritten Signature]</i>
<i>[Handwritten Name]</i>	08147179341	<i>[Handwritten Signature]</i>
D. E. Roux	0837099613	<i>[Handwritten Signature]</i>
A. van Deventer	072 186 7778	<i>[Handwritten Signature]</i>
Muh Oyle	0766696651	<i>[Handwritten Signature]</i>
A. v. Pyle	072 325 1671	<i>[Handwritten Signature]</i>
Yutong Yu	083 403 9158	<i>[Handwritten Signature]</i>
Buyishe	0717681089	<i>[Handwritten Signature]</i>
Abraham Botha	0187712515	<i>[Handwritten Signature]</i>

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(No For Mega Dump)

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Name & Surname	Telephone number	Signature
Fannie Muller	0835024879	
Kare Muller	0834126156	
Nadia Muller	0831481150	
J.A. Olivier	0736597563	
Z.M. Olivier	083069227	
N Olivier	0830375096	
D Olivier	0832128903	
J Crooning	012031315	
B. vd Linde	0796660913	
Robere M ^c Owen	0769979058	R.E.M ^c O
Nais Matakung	012768811	
Ateeq Riaz	0614294192	Ateeq.
Mothapelomothoung	0606505538	M.Mothoung
Julia Mtokwende	0764703784	JT Mtokwende
ISAAFRYIE	0625290274	
MATABANE HEMBRICK	0782259085	
M RIAZ	0765467200	
Jan Blom	083 487 2106	J Blom
Sandra Marley	084 941 0363	S Marley
Charl van Zyl	079 590 8162	
Gizele van Zyl	060 882 0021	
PS CHETTY	0823364987	
AAMAD ISHTIAR	0767777075	
SHAKO. KYAY	0627306262	
KHURRAM ASE	0761250840	
Umaru STAZAD	0747469655	
MUKHAYEN	0848238832	
E. Jire	072 439 2922	
M. Malgas	073 502 3607	
ILYAS	061 971 2776	
Hennie Easie	0844910079	
DR JACK	Green.	PAULIKA

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Name & Surname	Telephone number	Signature
TEMSENKOS LOUÉ	078 082 8463	
Benjamin	07187 60769	
SURETA BETTS	079 507 6054	
J. Payne	076 759 2098	
C. Bessie	081 117 3180	
PIERRE VAN EDEU	078 102 9405	
E. van Schijll	080 9601 058	
D. Kock	076 015 9161	
A. DE KLERK	0764374081	
F. DE KLERK	0795588058	
A. Kales	083 232 2171	
C. Silvestre	082 294 6189	
A. Horn	085 752 63011	
LESEGO MOIABEGI	078 7654 972	
Mtombi Mofinyi	09259205591	
Sineena vd Westhuizen	0826202812	
B. Mphahlele	0813445673	
B. MFINYOSH	081 579 5590	
C. Muller	0796868313	
D. Muller	0796868313	
C. Coetzee	083 716 8516	
M. Coetzee	06303916686	
M. Mkhawo	089 6717 338	
H. Buhr	084 41 55609	
J. Scraphim	072 544 0011	
H. Lombard	083 007 1047	
R. FIS	082 852 5381	
Caren Verier	078 447 2930	
Charmori Greenewald	079 515 4372	
Michael v. Wijk	087 8199163	
Christoffel v. Zijl	076 258 6470	
MURIEL VAN ZIJL	084 719 4224	

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Name & Surname	Telephone number	Signature
C. Abdullah	010 998 9888	<i>[Signature]</i>
S. Strebel	016 933 6123	<i>[Signature]</i>
S. Sali	076 977 9390	<i>[Signature]</i>
Inez Sall	082 6055554	<i>[Signature]</i>
Lezanie Ranaivosoa	0730199765	<i>[Signature]</i>
R. Kemmer	0239182505	<i>[Signature]</i>
H. Kraep	0792949484	<i>[Signature]</i>
Chanelle Vermeer	082 107 6706	<i>[Signature]</i>
Melissa de Jager	0797717631	<i>[Signature]</i>
Bianca Maré	0732143135	<i>[Signature]</i>
Danny vd Meer	074 904 9068	<i>[Signature]</i>
Vincent M. Saka	0796577953	<i>[Signature]</i>
PIET MARISI	0713232291	<i>[Signature]</i>
Maré Wex	072 252 0993	<i>[Signature]</i>
Koos de Jager	012 719 764	<i>[Signature]</i>
Kotie vd. Meire	0836670276	<i>[Signature]</i>
H. Prudarius	0836671074	<i>[Signature]</i>
J. Nel	0725633245	<i>[Signature]</i>
M. du Plessis	0797109559	<i>[Signature]</i>
TERESA Mowufo	0187713638	<i>[Signature]</i>
Henrico Maasdorp	072 901 1322	<i>[Signature]</i>
Hope Theron	076 954 9906	<i>[Signature]</i>
Mirline Brand	083 604 3211	<i>[Signature]</i>
Chani Joseph	076 129 6915	<i>[Signature]</i>
Loyica Victor	072 082 9220538	<i>[Signature]</i>
JAN Victor	076 012 1111	<i>[Signature]</i>
Alicia de Bruin	083 5453417	<i>[Signature]</i>
Sp de Bruin	018 7719416	<i>[Signature]</i>
Therese de Bruin	082 6699567	<i>[Signature]</i>
Henriette Erasmus	083 5453417	<i>[Signature]</i>
Rosalee Erasmus	083 5453417	<i>[Signature]</i>
Hardie Tenkoff	073 0333937	<i>[Signature]</i>

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Petition

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Name & Surname	Telephone number	Signature
Shant du Toit	711 771 0558	
Debbie Raymond	082 852 6762	
P. Cross	018 242 3252	
T. Gedy	073 288 0674	
Chris van Wyk	083 225 3419	
David Matthee	082 467 6184	
Kerren Matthee	079 522 342	
DANIEL KAHN	087 230 2215	
Clareteen Eis	0124639622	
Kees Nerze	072 075 0016	
Edmond Sibya	0761714076	
Danie	071 404 5049	
DARLENGTON	0766098452	
Soreth	082 5512099	
Alberl Bal	07-6872836	
Chris Ross	082 298 6458	
Charles de W. W. W. W.	083 298 3696	
M. helle vd Westhuizen	093 777 0058	
Zhin-Mari Wood	076 784 5326	
Donna Scott	072 576 7948	
Amarda de Wet	081 588 4810	
Jay-de	076 052 6765	
Exonne Huyser	079 814 5180	
Candace Huyser	079 874 5166	
Piet Lemmer	083 4569821	
Aquela Contractors	018 771 2878	
W. M. M. M.	082 7176 356	
Jacobus de V. M.	082 8270419	
N. celene de Villiers	082 812 6119	
R. G. V. M.	083 7135726	
E. M. M. M.	082 87 6517	
H. M. v. d. M.	079 600 1566	

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(No For Mega Dump)

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Name & Surname	Telephone number	Signature
Werner du Plooin	0714126258	
Shannon Ferreira	0826197663	
Wendie Erasmus	0626567653	
Kilian Bester	0825329773	
Werner Kok	0723917132	
Marius Eppelboche	0849004447	
Denise Flemming	0794089765	
Paul Gilliesh	0826104618	
Leon Kruger	0724102302	
Ernie Gemale	08459150877	
Rid. Celofse	0605575353	
S. J. van Kuren	0820955809	
M. Schreiner	0732357822	
Karien van der Merwe	0832961195	
J.J. Fisher	0715281245	
Brian Fisher	0187713600	
David Fisher	0825596602	
Dene Fisher	0187714195	
Breann Bester	0725478116	
Lilli Bester	0716872113	
Keteli Bether	0832362339	
Dan Bhu	0834553809	
J. Bhu	0832862011	
K. T. Heron	0833699071	
Piet Jacobson	0873240736	
Johan V. Viekord	0825563691	
Jaco Rossouw	0725029099	
JV EDON	0809672237	
AS Vedov	"	
JESTERHUIZED	0832512150	
S. Malcolm	0824643754	
D. Malcolm	0828002290	

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Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
J P Stuurus	018 788 2511	[Signature]
H. van Rooyen	019 88 44 242	[Signature]
H. Pistorius	079 586 11 212	[Signature]
J. Marica	082 977 1658	[Signature]
W. Mauer	092 210 6658	[Signature]
J Esterhazy	082 336 1956	[Signature]
M. J. Munnich	033 452 4201	[Signature]
P. ACKERMAN	081 399 5923	[Signature]
David Volkman	013 354 7099	[Signature]
Martie Pistorius	013 43 0512	[Signature]
Mariette Hentley	084 510 4333	[Signature]
Marilyn Osthuzen	072 114 3173	[Signature]
Rosander D. D. D.	016 713 6766	[Signature]
Michelle Niswender	075 912 8635	[Signature]
Carl Scholtz	083 3826 318	[Signature]
Elmeri Lurie	019 032 0966	[Signature]
Rozelle Kiedtman	083-875 6065	[Signature]
Judy Swanepoel	012 8686619	[Signature]
S. Osthuzen	081 5666 27	[Signature]
L. van Wijk	018 786 1016/8	[Signature]
S. Mlambo	010 584 1703	[Signature]
B. Prateswarze	071 421 6021	[Signature]
EMALDI BOOJO	018 783 0018	[Signature]
Kelly MATHIBANI	018 783 0018	[Signature]
Luis Juan Estebanzen	018 786 1016	[Signature]
Corne Cato	082 713 781	[Signature]
J. KEYSER	082 9524 888	[Signature]
R. Keyser	076 716 7705	[Signature]
T. van WALT	076 413 0003	[Signature]
Z. KEYSER	076 374 3014	[Signature]
T. KEYSER	072 5055 655	[Signature]
ROBERT KEYSER	072 5055 83	[Signature]

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Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
Flip van der Merwe	0839664476	[Signature]
Maria-Joel	0826036126	[Signature]
Marie Swart	0834578953	[Signature]
Andreas Swart	0824112125	[Signature]
Volanda van der Merwe	0130058322	[Signature]
Arland Rombout	0722216355	[Signature]
Georgina Jacobs de	0722216355	[Signature]
Bianca de Blooy	0720053107	[Signature]
Alicia Reinete	082517503	[Signature]
Leenie Venters	0718868228	[Signature]
B. J. van der Merwe	0120943062	[Signature]
B. Corrie	0193587707	[Signature]
K. van Heerden	0866570910	[Signature]
E. Van Heerden	0828771644	[Signature]
L. de Roux	0828873293	[Signature]
Tracie Coetzee	0863853025	[Signature]
J. van der Merwe	0827882883	[Signature]
Volanda van der Merwe	0710058172	[Signature]
H. van der Merwe	0825052222	[Signature]
J. D. van der Merwe	08391850767	[Signature]
J. Halliday		[Signature]
J. de Wilt	0721810112	[Signature]
L. de Wilt	0722156290	[Signature]
R. Lombard	0797223575	[Signature]
T. Schutte	0165829110	[Signature]
J. van der Merwe	0865722407	[Signature]
J. van der Merwe	0829785073	[Signature]
Jocanna Hall	0760303049	[Signature]
Edwina Beckmann	0726202921	[Signature]
Suzanne Verbeke O.R.	0845422007	[Signature]
WANNERE GREEFF	071640499	[Signature]
J. van der Merwe	0126671161	[Signature]

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Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
Herman van Zyl	079 529 1611	[Signature]
MICHEL VAN BELKUM	016 340 0220	[Signature]
R. van der Walt	082 927 4564	[Signature]
ANTON VAN ZYL	082 441 1368	[Signature]
Darius Blaauw	074 776 2107	[Signature]
TEANIE LINDHOLM	083 780 8161	[Signature]
Telone Esteyn	080 599 0542	[Signature]
Maria Burger	071 372 6182	[Signature]
Temper LUTEL	083 3797 350	[Signature]
J. Burger	076 16 07613	[Signature]
S. PRETORIUS	073529388	[Signature]
John van der Merwe	071 612 2700	[Signature]
PAIRICK MOKETSI	07883971873	[Signature]
George van der Merwe	081 239 7929	[Signature]
SARON DRAKAS	082 290 6166	[Signature]
DEWON PRETORIUS	076465997	[Signature]
Henco Gumbi	071 606 0266	[Signature]
E. Begg	082 926 6193	[Signature]
S. Van der Merwe	084 955 9691	[Signature]
K. B. du Toit	086 515 7444	[Signature]
J. B. du Toit	082 920 3553	[Signature]
Wendie	012 477 461	[Signature]
Alexia Rita Walker	079 623 5873	[Signature]
MARKEE ROYS	082 773 8690	[Signature]
FANIE NIEL	074 873 6613	[Signature]
Linus Ungerer	082 380 1163	[Signature]
W. van der Merwe	083 635 6630	[Signature]
W. SMITH	018 771 6165	[Signature]
W. D. W. W. W.	082 156 7320	[Signature]
H. P. LENSLEY	082 854 1814	[Signature]
W. B. B. B. B.	074 936 9714	[Signature]
S. B. B. B. B.	076 082 604	[Signature]

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Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
Nearmi Redebachhays	076 600 2604	<i>N Redebachhays</i>
M/ra Kelly	081 581 6770	<i>Kelly</i>
M KELLY	0822585030	<i>(M)</i>
J Combrink	0833211888	<i>Combrink</i>
E Zimane	082 311 55 1382	<i>Zimane</i>
M McGill	084 4111070	<i>McGill</i>
C.M McGill	084 528 1115	<i>McGill</i>
P. Belhara	084 518 2423	<i>Belhara</i>
M. Belhara	083 2391 6088	<i>Belhara</i>
C Kemm	082 556 3640	<i>Kemm</i>
A. Rorkana	082 786 2664	<i>Rorkana</i>
F. Lubachhays	07962 62672	<i>Lubachhays</i>
G. Lubachhays	0747989574	<i>Lubachhays</i>
P. Fouché	072 890 8958	<i>Fouché</i>
Cindy de Buijs	089 5580 9388	<i>de Buijs</i>
M Tannie Verburg	060 687 2967	<i>Verburg</i>
THESIA DUBE	082 828 1810	<i>Dube</i>
Babe Smith	079 5044051	<i>Smith</i>
M. H. Verbruggen	082 777 6967	<i>Verbruggen</i>
M. Greeff	0832 926101	<i>Greeff</i>
K Greeff	076 881920	<i>Greeff</i>
C. Poppel	072 9259695	<i>Poppel</i>
D. de Louijt	0815 222 661	<i>de Louijt</i>
P. Van der Merwe	082 85 28321	<i>Van der Merwe</i>
G. H. de Kock	082 4018000	<i>de Kock</i>
M. Steenkamp	082 271 9139	<i>Steenkamp</i>
J. Verster	082 852 5849	<i>Verster</i>
A. Verster	076 60 742	<i>Verster</i>
J.P. J. Van der Merwe	081 455 8283	<i>Van der Merwe</i>
M.D VAN ROOYEN	084 9009767	<i>Van Rooyen</i>
D. O. ROETS	079 4652 811	<i>Roets</i>
Bridget van der Merwe	0712 28753	<i>van der Merwe</i>

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Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
Pran Fisher	019 522 4913	[Signature]
Gracia Combrink	011 565 4913	[Signature]
Jacqueline Bruwer	019 522 4818	[Signature]
Judith Combrink	061 203 0160	[Signature]
Ashley Marcus	078 355 2816	[Signature]
COYAN Kruger	092 575 9397	[Signature]
Johanna Kruger	071 412 4403	[Signature]
Zelma Kriel	086 027 1377	[Signature]
Lane Marx	072 966 3359	[Signature]
Zoenka	076 209 3631	[Signature]
Johanna Kruger	071 412 4403	[Signature]
Chanel de wet	081 470 9671	[Signature]
Collin De lange	092 339 26 29	[Signature]
Petra De lange	083 536 9 222	[Signature]
Bennie De lange	082 097 3979	[Signature]
Corrie De lange	072 158 7250	[Signature]
Jane Du Plessis	071 751 6177	[Signature]
René Du Plessis	022 158 1773	[Signature]
Ippe Du Plessis	022 348 4171	[Signature]
Corrie Du Plessis	072 158 7250	[Signature]
Lennette Falha	079 372 1006	[Signature]
Stane Absini	076 866 9617	[Signature]
Jeneske Falha	082 828 1892	[Signature]
Ronald Thuring	084 581 0915	[Signature]
Aniha Combrink	079 124 5926	[Signature]
Anna Combrink	078 175 3634	[Signature]
Sara Combrink	079 175 3634	[Signature]
Lynelle Jans van Vuren	079 411 6277	[Signature]
Wim Jans van Vuren	079 411 6277	[Signature]
Willem Jans van Vuren	076 937 0809	[Signature]

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Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
Christina	011 456 1234	[Signature]
David	011 456 1234	[Signature]
Danie Jacobs	0844602703	[Signature]
David	011 456 1234	[Signature]
William	011 456 1234	[Signature]
Dani	011 456 1234	[Signature]
Patricia Bochner	016 599 2185	[Signature]
Yenik Bochner	079 186 735	[Signature]
Sina Maude	092 720 716	[Signature]
Marius Dekker	076 905 811	[Signature]
Mike	011 456 1234	[Signature]
Menno	010 518 5505	[Signature]
Marcus	022 571 232	[Signature]
Cherie	011 456 1234	[Signature]
Bibba	079 2520 2103	[Signature]
Lee-Ann Steyn	082 982 0819	[Signature]
Wendie	082 918 7118	[Signature]
Chandrie	076 513 5118	[Signature]
Charize	011 513 5118	[Signature]
Leah Liebenberg	082 453 2154	[Signature]
Shenize Palm	071749 1432	[Signature]
Nikita Cornelius	092 4566 983	[Signature]
Chanelle Haltingh	072 585 7425	[Signature]
Beulah Vogt	083 651 7607	[Signature]
Liantjie Erasmus	0711909765	[Signature]
Ant Oye	0824466.85a	[Signature]
Jessica Baath	0836553800	[Signature]
Danie Kruger	071911 4011	[Signature]
Dian Kirsten	083511 7882	[Signature]
Marna Belarou	082 335 2404	[Signature]
Rynhardt	082 741 5711	[Signature]
Chante Bays	083 354 1000	[Signature]

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(No For Mega Dump)

Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
Marlene Buys	000 748 1799	
Beatrix van Tonger	073 050 3498	
ZANELO MATHA	082 920 9433	
PIERRE LUDICK	080 824 5667	
Babs Victor	0766141737	
Simon Kabaute	0838981287	
A. Geldenhuys	011 751 5474	
JL. GELDENHUYS	011 751 5474	
D.S. PRETORIUS	022 239 80 65	
L. Pretorius	082 634 9110	
Julius	074 66 98 610	
D. Pretorius	082 634 9110	
ISHMAEL Dupreez	083 687 0005	
Hendrik van Praec	078 9681408	
Isaac Mkhomo	0603423075	
Mona Moleleki	0603423075	
Isaac Moleleki	Green	
NONKWE NKWED, DOD	0822994368	
VLANIENI DODO	11	
Sunny Mkhomo	071 744 7064	
Babs Mkhomo	0822994638	
SAM	-	
THEMBA DODO	-	
CHODREY DODO	-	
Ivan Slater	076-7985869	
Celeste Slater	079.0696653	
A-L-MOKOTEDI	073-4148600	
MARIA-MOKOTEDI	083-4272694	
Simplice Sontshobe	0735700117	
Nonkwelele Eyee Bidem	0838237671	
G. SWANZIER	0722638152	

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Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
A. de Vries	082 232 5503	
Janet Hays	078 221 1117	
A. Bails	019 083 5503	A Bails
P. Hornsby	071 421 2403	P Hornsby
Heyman	082 8311 082	
L. Chasman	082 496 7368	
J. Swanevool	084 691 7487	
COM Tolt	084 027 1989	
Heyman	022 232 0600	
A. de Wit	082 794 1192	
R. de Vries	076 236 9091	
L. Hornsby	076 492 1927	
H. Hornsby	076 884 7128	
G. de Tolt	079 871 7321	
S. de Vries	073 249 0455	
J. Borch	076 655 1171	
B. Borch	0716 777 609	
C. Palmer	071 522 6811	
AJ de Bruyn	082 922 4292	
CW Keating	060 687 2967	
S. de Tolt	082 011 9359	
E.A. NABUCCO	082 7156555	
W. Labuschagne	072 273 6757	
H. Cronje	082 857 4881	
M. Cronje	071 086 5695	
A.M. Cronje	082 857 4881	
J. De Wet	084 470 91671	
A. De Wet	082 613 9155	
J. De Wet	082 656 0526	
J. de Vries	082 376 4856	
J. de Vries	082 852 4900	

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Petition

Against Sibanye Mega Dump and Uranium Plant

Say NO to this dump that will impact Fochville Business and Property Values, water and dust pollution.

Name & Surname	Telephone number	Signature
V. H. COSTE	082 7850666	
Ursula Dippendal	083 324 2331	
Tressa Hurlingh	0783552860	
Sylvia Laurens	0734068331	
ARRYAN BYMAS	082 884 8252	
WYNAB SMIT	0834570652	
Lize Baumgarter	0794971601	
WYNAB KLOPP SMIT	0715630273	
Erna Nortje	082 314 6887	
IWA Jacobs	072 731 2992	
Tania Price	083 301 9103	
Maryke Joubert	0795057263	
JACOB	0651610393	
Jacques de Kersburg	0795027788	
Elaine de Kersburg	0823225242	
Charmaine Kambliq	082 654 4567	
Shirley Burger	083 375 6110	
Anelise Burger	0790223482	
Lize Burger	072 500 5622	
Mark Gietzmann	082 557 9978	
Demid Beuchinat	018 771 544 4057	
Wolke Krieger	063645062	
Dorothea Fickhorst	0724734613	
W. Kemmer	073 2882883	
D. Gontzenberg	0725251874	
E. Katenberg	082 716 0483	
R. Brits	079 534 5965	
L. Randall	083 7834085	
G. Butt	072 0496828	

